

**AGENDA
CITY OF ISANTI
CITY COUNCIL MEETING
TUESDAY, OCTOBER 6, 2020 – 7:00 P.M.
CITY HALL**

- A. Call to Order**
- B. Pledge of Allegiance**
- C. Roll Call**
- D. Public Comment**
- E. Adopt Agenda**

F. Proclamations/Commendations/Certificate Award

- 1. Mayors Proclamation- MN Manufacturer's Week
- 2. IRIS Infants Remembered in Silence

G. Approve City Council Minutes

- 1. September 15, 2020- Regular Meeting of the City Council
- 2. September 15, 2020- Committee of the Whole Meeting

H. Announcements

- 1. City Hall Closed Observance of Columbus Day Monday, October 12, 2020
- 2. Committee of the Whole Tuesday, October 20, 2020 at 5:00 p.m.
- 3. City Council Meeting Tuesday, October 20, 2020 at 7:00 p.m.
- 4. Planning Commission Meeting Tuesday, October 20, 2020
(Immediately following the City Council Meeting)

I. Council Committee Reports

J. Public Hearings

K. Business Items

City Administrator Josi Wood

- 1. Discussion on Study of CSAH 5 Intersections with East Dual Blvd and Credit Union Drive
- 2. Isanti Business Relief Grant Program Update and Small Small Business Coaching Discussion
(Steve Fredlund)
- 3. Resolution 2020-XXX Approving a Special Event Permit Application for Rum River BMX for MN State Series Finals *(Larry Merchlewitz)*

City Engineer Jason Cook

- 4. Resolution 2020-XXX Declaring Cost to be Assessed, Ordering Preparation of Proposed Assessment, and Ordering Hearing on Proposed Assessment – 6th Avenue SW Rehabilitation Project

L. Approve Consent Agenda

- 1. Accounts Payable in the Amount of \$441,464.48 Payroll in the Amount of \$211,027.77 and Q3 Council Pay in the Amount of \$8,605.82
- 2. Resolution 2020-XXX Accepting New Contract for Regional Safety Group 2021
- 3. Resolution 2020-XXX Offering the Position of Part-Time Liquor Store Clerk to Meghan Glassel

4. Resolution 2020-XXX Accepting Parks, Recreation and Culture Board Member Brian Thum's Resignation
5. Resolution 2020-XXX Accepting Part-Time Liquor Store Clerk Termination for Elizabeth Kerr
6. Resolution 2020-XXX Approving Snow Plowing Policy and Operational Guidelines
7. Resolution 2020-XXX Execution of Repayment Agreement on Lot 6, Block 3 Villages on the Rum
8. Resolution 2020-XXX Recognizing National Pregnancy and Infant Loss Remembrance Day
9. Resolution 2020-XXX Declaring Metal as Scrap and Authorizing its Disposal
10. Resolution 2020-XXX Authorizing to Enter into an Agreement with Civic Systems for Caselle Connect Software Modules
11. Resolution 2020-XXX Approving Donation Box at Liquor Store
12. Resolution 2020-XXX Awarding Quote and Authorizing to Enter into a Contract for Codification Services
13. Resolution 2020-XXX Approving Application for an Exempt Gambling Permit for Rum River BMX 50/50 Raffle
14. Resolution 2020-XXX Authorizing a Reduction in the Letter of Credit for Heritage Estates

M. Other Communications

N. Closed Session

1. Closed Session for consideration of sale of City owned Real Property pursuant to Minnesota Statutes Section 13D.05 Subd3 (c) for PID 16.040.1030 and 16.040.0960.
2. Discussion Regarding Consideration to Purchase Real Property pursuant to Minn. Stat. 13D.05, subd. 3(c) for PID 16.029.2100 and 16.029.2400.

Adjournment

Proclamation

- Whereas: Manufacturing is a dynamic and robust industry, crucial to the health and strength of Minnesota's diverse economy; and
- Whereas: Manufacturing added \$52.7 billion to Minnesota's economy in 2019, representing the second-largest contribution (14%) to the state's gross domestic product by any industry; and
- Whereas: Workers took home \$22.1 billion in wages from Minnesota manufacturing jobs in 2019, the second-largest total payroll among private sector industries; and
- Whereas: Manufactured exports brought \$21 billion into the Minnesota economy in 2019; and
- Whereas: Manufacturing in Minnesota pays an average annual wage of \$68,081, which is 16% higher than the state's overall average wage; and
- Whereas: Manufacturing provides 324,000 highly skilled, well-paying jobs, which significantly contribute to Minnesota's high standard of living and economic vitality.

Now, therefore, I, Jeff Johnson, Mayor of Isanti, do hereby proclaim that the week of October 1 to October 7, 2020 shall be observed as:

MINNESOTA MANUFACTURING WEEK

in the City of Isanti on this 6th day of October, Two Thousand and Twenty

MAYOR, Jeff Johnson



Founded in 1987

218 Third Ave. NW Faribault MN 55021

Phone: (507) 334-4748

E-mail: support@irisremembers.com

Website: www.irisremembers.com

Infants Remembered In Silence, Inc. a 501(c)3 nonprofit organization (#41-1700704) would like to respectfully request that the city adopt a resolution endorsing October 15th as Pregnancy and Infant Loss Remembrance Day in accordance with the requirements within the city/county.

Infants Remembered In Silence, Inc. (IRIS) works with thousands of people across Minnesota, and across the USA, who have experienced the death of a child during pregnancy through early childhood. This includes death from miscarriage, ectopic pregnancy, molar pregnancy, stillbirth, neo-natal death, sudden unexplained death of a child (SUDC), sudden infant death syndrome (SIDS), birth defects, illness, accidents, and all other types of early childhood death. Many of these parents live in, deliver in, and have a child die in, or bury a child in this community.

Bereaved parents remember these children annually with a 7 pm candle lighting on October 15th. Some will remember their child/children in their homes while others will remember them in small gatherings around the state and across the nation. This resolution/proclamation would unify these parents in tribute of their children.

United States Government Proclamations:

- 1988 President Ronald Reagan Proclaimed October as National Pregnancy and Infant Loss Awareness Month.
- 2001 House Resolution
107th Congress – 1st Session
H.RES.254 IH
- 2006 House Resolution
109th Congress – 1st Session
H.CON.RES.222

If you do choose to adopt this proclamation/resolution you may send us any certificates via e-mail to support@irisremembers.com or we can arrange for someone to pick it up.

Respectively submitted August 21, 2020.

Diana Kelley - Founder and Executive Director
Infants Remembered In Silence, Inc. © (IRIS)

**MINUTES
CITY OF ISANTI
CITY COUNCIL MEETING
TUESDAY, SEPTEMBER 15, 2020 – 7:00 P.M.
CITY HALL**

G.1.

Mayor Johnson called the meeting to order at 7:00 p.m.

The Pledge of Allegiance was recited.

Members Present: Mayor Jeff Johnson, Councilors: Jimmy Gordon, Paul Bergley, Steve Lundeen and Dan Collison

Members Absent: None

Staff Present: City Administrator Josi Wood, Human Resources/ City Clerk Katie Brooks, Finance Director Mike Betker and Chief of Police Travis Muyres

D. Public Comment

None

E. Adopt Agenda

Addendum from Committee of the Whole prior to City Council meeting on 9.15.2020:

ADD K.3 Resolution 2020-177 Approving First Amendment to the Development Agreement for Legacy Pines 3rd Addition Phase 2

Motion by Bergley, second by Collison to approve agenda with the modifications listed above. Motion passed 5-0. Motion carried.

F. Proclamations/Commendations/Certificate Awards

None

G. Approve City Council Minutes

1. September 1, 2020- Regular Meeting of the City Council

Motion by Bergley, second by Gordon to approve minutes as presented. Motion passed 5-0. Motion carried.

H. Announcements

- | | |
|--|--|
| 1. Park, Recreation, & Culture Board Meeting | Tuesday, September 22, 2020 at 6:00 p.m. |
| 2. City Council Meeting | Tuesday, October 6, 2020 at 7:00 p.m. |
| 3. EDA Meeting | Tuesday, October 6, 2020 |
- (Following the City Council Meeting)*

I. Council Committee Reports

None

J. Public Hearings

None

K. Business Items

Josi Wood City Administrator

- 1. Resolution 2020-165** Variance request for a garage to exceed 580 square feet and to be larger than the house at 201 Broadway

[*Other conversation to be presented at Public Comment*] Scott Zimprich, owner at house, 201 Broadway, suggested a proposed sidewalk from Bluebird Park to the Dog Park on the South side of Isanti Parkway due to many small children in the area.

Scott Zimprich shared his outlook on his request for a variance to build a 580 square foot detached garage, which exceeds the size of the primary structure.

The council considered this request at the September 1, 2020 meeting, four (4) members of the Council were present with one (1) absent. Scott Zimprich was not present at the meeting. The council had a tied 2-2 vote and postponed the action to the September 15, 2020 meeting. On May 12, 2020 the applicant applied for a building permit to construct a detached garage at 720 square feet. On May 14, 2020 the Community Development Director emailed him explaining that the proposed garage exceeds the size limit according to city code. On July 13, 2020 a stop work order was issued for the property because a building permit was never issued and the garage foundation had already been poured.

Motion by Collison, second by Lundeen to deny the variance request at 201 Broadway. Motion passed 3-2 with Gordon and Bergley voting nay.

- 2. Resolution 2020-166** Approving Metering Software and Hardware and Entering into an Agreement with Mueller

City Administrator Josi Wood shared that Badger Meters, the current meter company, has informed staff that the current meters being used are now obsolete and no longer will be manufactured. Staff has explored options that are in the best interest of residents and such options include new meters that have different radios and software. Staff recommends switching vendors to Mueller Meters to receive better service and technology. Wood further shared the recommendation to replace radios 2022 and Finance Director Mike Betker will add it to the Capital Improvement Plan as well as into the Rate Study. To make the transition and purchase the software needed to read the new meters it would be an amendment to the budget in water in the amount of \$8,000. A new laptop and Caselle billing software will need to be purchase in order to ensure the billing software is able to speak to the new meters for a total amount not to exceed \$11,000.01.

Motion by Lundeen, second by Gordon to approve resolution as presented. Motion passed 5-0. Motion carried.

- 3. Resolution 2020-177** Approving First Amendment to the Development Agreement for Legacy Pines 3rd Addition Phase 2

City Administrator Josi Wood shared that this was discussed at Committee of the Whole earlier in the night. A request came in from the developer of Everpine Landholdings, LLC. Which holds a developers agreement for Legacy Pines specifically with the 3rd addition he has requested to have his letter of credit split into two parts which then would allow him to keep working on his utilities and not to put up more letter of credit before he has to do the surface work and keeps the project moving along and is a time sensitive issue which is why it is being brought forward to council now.

Motion by Bergley, second by Collison to approve amending the Letter of Credit for Legacy Pines 3rd Addition. Motion passed 5-0. Motion carried.

L. Approve Consent Agenda

- 1.** Accounts Payable in the Amount of \$222,652.70 Payroll in the Amount of \$104,290.60

2. **Resolution 2020-167** Regarding Maintenance of Part-Time Peace Officers
3. **Resolution 2020-168** Approving Amendment to the 2020 Budget
4. **Resolution 2020-169** Authorization to Purchase Items with Wellness Funds from the Approved Budget
5. **Resolution 2020-170** Accepting Part-Time Liquor Store Clerk Letter of Resignation for Brian Williams
6. **Resolution 2020-171** Approving the hire of Building Official Christopher Chandler
7. **Resolution 2020-172** Entering into an Agreement with Nextera for Hosted Voice/ Phone Services for City Hall
8. **Resolution 2020-173** Approving Proposals for Automated Laserfiche Services
9. **Resolution 2020-174** Approving Application for Exempt Gambling Permit for Friends of Saint Scholastica
10. **Resolution 2020-175** Authorizing Purchase of Emergency Management Radio Equipment
11. **Resolution 2020-176** Authorizing Purchase of 2021 Chevrolet Tahoe and Equipment for Emergency Management Mobile Command Vehicle

Motion by Bergley, second by Collison to approve Consent Agenda as presented. Motion passed 5-0. Motion carried.

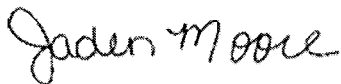
M. Other Communications

1. August Police Department Reports
2. August Code Enforcement Officer Report
3. August Building Inspector Report
4. September Engineering Project Status Report

Adjournment

Motion to adjourn by Bergley, second by Collison. Motion passed 5-0. Motion carried. The meeting was adjourned at 7:34 p.m.

Respectfully Submitted,



Jaden Moore

Deputy City Clerk/ Human Resources

**MINUTES
CITY OF ISANTI
COMMITTEE OF THE WHOLE MEETING
TUESDAY, SEPTEMBER 15, 2020 – 5:00 P.M.
CITY HALL**

Mayor Johnson called the meeting to order at 5:00 p.m.

The Pledge of Allegiance was recited.

Members Present: Mayor Jeff Johnson, Councilors: Jimmy Gordon, Paul Bergley, Steve Lundeen and Dan Collison

D. Public Comment

None

E. Committee Meeting Items

1. PW Updates

- Street painting of crosswalks, stop bars, school crossings, railroad crossings and parking lots was completed.
- Public Works crew repaired a storm drain on East Dual Blvd in front of UPS. The repair required a new casting to be installed as well as some curbing.
- Annual maintenance of the air release valves have been completed for the third time this year. This is part of the quarterly maintenance that is done.
- Sewer jetting has begun and this year jetting will be done at each lift station and cleaning the lift station itself. Primarily, Pubic Works jets to prevent sewer backups in the system but also to inspect the infrastructure itself.
- Generator pads have been poured and the generator installs should be starting soon. The work is scheduled to be completed in October.
- Staff worked through some filter issues at the Waste Water Treatment Plant. It was discovered that the filters were low on potassium Permanganate, allowed to sit then backwashed before being put back in use.
- Staff cleaned out the backwash tank which is part of annual maintenance. It is an opportunity to discard all the Iron and Manganese that is removed during normal operation.
- Staff verified gate valves were open prior to hydrant flushing, but during that time staff discovered that 8 gate valves were closed at different locations in town.
- Staff completed hydrant flushing and was able to complete a small list of hydrant repairs.
- The sledding hill project has begun and should be completed in late September weather permitting.
- Public Works crews have been fogging for Mosquitos and will continue through September.
- Staff was able to pour concrete curbing at Rum River Meadows Park and that will be the last park that gets curbing.

- The Compost Site is open and continues to be busy. The Sunday hours will begin on October 25th with the compost site closing for the season on November 8th.
- The Community Garden is slowing down but the Sunflower Maze is in full bloom.
- The Farmers Market is open until September 25th.

2. Pedestrian Bridge (New Information) Discussion

- At the January 2020 goal setting meeting discussion was held about a pedestrian bridge project.
- Council unanimously decided that there were other things to consider at that time.
- The Federal Highway Administration Division Central Finance Officer has reached out asking what the city is going to do with the funds that were allocated to that project.
- The total of the bridge is going to cost a little over \$4 million dollars and approximately \$2.1 million in federal funds and approximately just under \$2 million that could potentially be obtained from other grant opportunities.
- The amount is \$200,149,745
- The preliminary bridge project that was projected in the past was supposed to be placed where the Best Western Hotel is now.
- Recommendation from Committee is for City Engineer Jason Cook to bring updated cost and information for the project to a future Committee of the Whole meeting.

3. Mixed Radio Network Participation (Mayor Johnson)

- Mayor Johnson was asked to be a guest on a podcast.
- The network are advocates for public safety and law enforcement.
- City Attorney does not recommend using a city facility.
- City Attorney recommended caution on the Mayor speaking on behalf of the city.
- Recommendation from Committee is for Mayor Johnson to participate in podcast with Fire Chief Al Jankovich and Chief of Police Travis Muires.

4. Legacy Pines 3rd Addition Letter of Credit

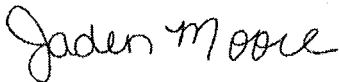
- A request came in from the developer of Everpine Landholdings, LLC for the development Legacy Pines 3rd addition, the request is for the following:
 - Pay all necessary fees City fees for the 32 lots in Phase II and the required escrows in connection with Phase II.
 - Post the minimum 10% of total construction costs amount that the City requires for the warranty period.
 - That at the end of construction season, whatever amounts are yet needed to complete the unfinished work be posted with the City at this time.
- The addition is broken up into three phases.
- Phase one is near completion.
- One option to consider is to break the letter of credit into two parts.

- Recommendation from Committee is to move forward with breaking the letter of credit into two parts and bring to City Council meeting later this night of September 15, 2020 for consideration.
5. Coaching Funds for Small Businesses (*Steve Fredlund*)
- Small Small Business Community has requested \$12,000 in funding to provide 20 small businesses in Isanti with four (4) hours of individual business coaching plus lifetime membership at smallsmallbusiness.com
 - Membership also includes post-program discounts on private coaching, group coaching and mastermind groups
 - Recommendation from Committee is to postpone until the October 6th City Council meeting to determine the amount of funding left from the CARES Act.
6. CARES Act Funding for Fire District
- Chief Jankovich shared that he is greatly appreciated for the CARES Act money that is allocated for the fire district.
 - Jankovich provided a bid for the audio/visual distance learning equipment.
 - Recommendation from Committee is for Fire Chief Al Jankovich, City Administrator Josi Wood and Finance Director Mike Betker to purchase items that have been allocated and approved to be purchased for the Fire District.

F. Adjournment

Meeting was adjourned at 6:18 p.m.

Respectfully Submitted,



Jaden Moore
Deputy City Clerk/ Human Resources



Memo for Council Discussion

To: Mayor Johnson and Members of the City Council
From: City Administrator Josi Wood
Date: October 6, 2020
Subject: Discussion on Study of CSAH 5 Intersections with East Dual Blvd and Credit Union Drive

Background:

The City partnered with Isanti County, Res 2019-217, to conduct a traffic control and evaluation study for the intersections of Heritage Blvd (County Rd 5) and East Dual Blvd and Credit Union Drive.

The engineering firm chosen by Isanti County was WSB. The full study is attached and represents options for traffic control. Staff is requesting discussion and for a recommendation as to which traffic control, signal or roundabouts, is preferred.

Request:

Staff is requesting discussion and direction on this item.

Attachment:

- WSB Engineering Analysis of CSAH 5 Intersections with East Dual Blvd and Credit Union Drive

Memorandum

To: Richard Heilman, PE, Isanti County Engineer

From: Erik Seiberlich, Senior Project Manager
Sean Delmore, PE, PTOE, Director of Traffic Engineering

Date: September 17, 2020

Re: Analysis of CSAH 5 Intersections with East Dual Boulevard and Credit Union Drive
WSB Project No. 014712-000

A. Introduction

The purpose of this report is to evaluate the traffic control and intersection lane geometry needed for two existing intersections: County State-Aid Highway (CSAH) 5 and East Dual Boulevard, as well as CSAH 5 and Credit Union Drive, located in the City of Isanti in Isanti County, Minnesota. This report will document the existing conditions, operations and safety. It will also analyze existing and proposed intersection geometry using projected traffic volumes.

B. Description of Location

CSAH 5 (Heritage Boulevard) is a four-lane undivided (divided from the Kwik Trip access east to TH 65) minor arterial roadway within the study area. CSAH 5 serves as an east-west route for Isanti County, intersecting the Sherburne County line on the west and the Chisago County line on the east. The only major intersecting roadway is Trunk Highway (TH) 65 in the City of Isanti.

East Dual Boulevard and Credit Union Drive are both two-lane local roadways located within the city limits. The south termini of East Dual Boulevard is located at CSAH 5, as well as the north termini of Credit Union Drive. The intersection with Credit Union Drive is located approximately 1,000-feet west of TH 65. The intersection with East Dual Boulevard is located approximately 300-feet west of Credit Union Drive. Kwik Trip has an access on CSAH 5, skewed slightly east across from Credit Union Drive.

The project location within the context of the surrounding area is represented in **Figure 1**.

C. Existing Conditions

The two intersections along CSAH 5 are currently minor approach stop-controlled. A summary of the characteristics of East Dual Boulevard and Credit Union Drive study intersections are as follows:

CSAH 5 and East Dual Boulevard intersection:

- East leg
 - 2 thru lanes
 - 1 exclusive right-turn lane
 - 30 mph speed limit
 - 10,600 ADT (2016 MnDOT)
- West leg
 - 2 thru lanes (1 is shared thru/left-turn lane)
 - 30 mph speed limit
 - Existing crosswalk
 - 10,600 ADT (2016 MnDOT)
- North leg
 - 1 shared lane
 - 30 mph speed limit
 - Existing crosswalk
 - 1,250 ADT (2016 MnDOT)

CSAH 5 and Credit Union Drive intersection:

- East leg
 - 2 thru lanes (1 is shared thru/right-turn lane)
 - 30 mph speed limit
 - 10,600 ADT (2016 MnDOT)
- West leg
 - 2 thru lanes (1 is shared thru/left-turn lane)
 - 30 mph speed limit
 - 10,600 ADT (2016 MnDOT)
- South leg
 - 1 shared lane
 - 30 mph speed limit
- Skewed North leg
 - Kwik Trip Gas Station access
 - 1 shared lane
 - This is an entrance only not an exit from the Kwik Trip

The existing intersection geometry is depicted in **Figure 2**.

Traffic turning movement counts at the intersections of CSAH 5 and East Dual Boulevard, and CSAH 5 and Credit Union Drive were collected on Tuesday September 10, 2019. The results of these traffic counts are provided in **Appendix A**. Existing Average Daily Traffic (ADT) volumes are from Minnesota Department of Transportation (MnDOT) traffic volume map year 2016 and are included in **Figure 2**. A summary of the 3-year (July 2016- June 2019) crash history at the CSAH 5 intersections with East Dual Boulevard and Credit Union Drive are provided in **Table 1 and 2**. Isanti County provided the crash details from the police department. These reports indicate there have been 5 crashes at the East Dual Boulevard intersection and 3 crashes at the Credit Union Drive intersection between July 2016 and June 2019. Existing crash patterns show that both intersections experience a higher-than-average rate of 0.41 crashes per million entering vehicles (East Dual Boulevard) and 0.25 crashes per million entering vehicles (Credit Union Drive), compared to the average rate of 0.19 for an urban thru-stop intersection (2015 MnDOT Crash Toolkit). A Crash Diagram can be found in **Appendix B**.

In recent years, mobility and safety on the CSAH 5 corridor between these intersections has been a concern. Several crashes have occurred since the Kwik Trip Gas Station was opened in early 2019, as

more traffic travels through these intersections, drivers make riskier decisions when turning in and out of the accesses. Different alternatives will identify safer and operationally better intersections that address the increased volumes through this area.

Table 1 – Existing Crash Rate Calculation at CSAH 5 and East Dual Boulevard

Isanti CSAH 5 and East Dual Blvd (July 2016- June 2019)							
Location	Number of Crashes	Daily Entering Vehicles	Crash Rate *			Severity Rate	
			Calculated	Average **	Critical ***	Calculated	Average **
Isanti CSAH 5 and East Dual Blvd (July 2016- June 2019)	5	11,225	0.41	0.19	0.43	0.41	1.00

*Intersection crash rates are expressed in crashes per million entering vehicles.

**Average for an urban thru-stop intersection using MnDOT 2015 green sheets.

***Critical crash rates are expressed in crashes per million entering vehicles with 0.95 confidence level.

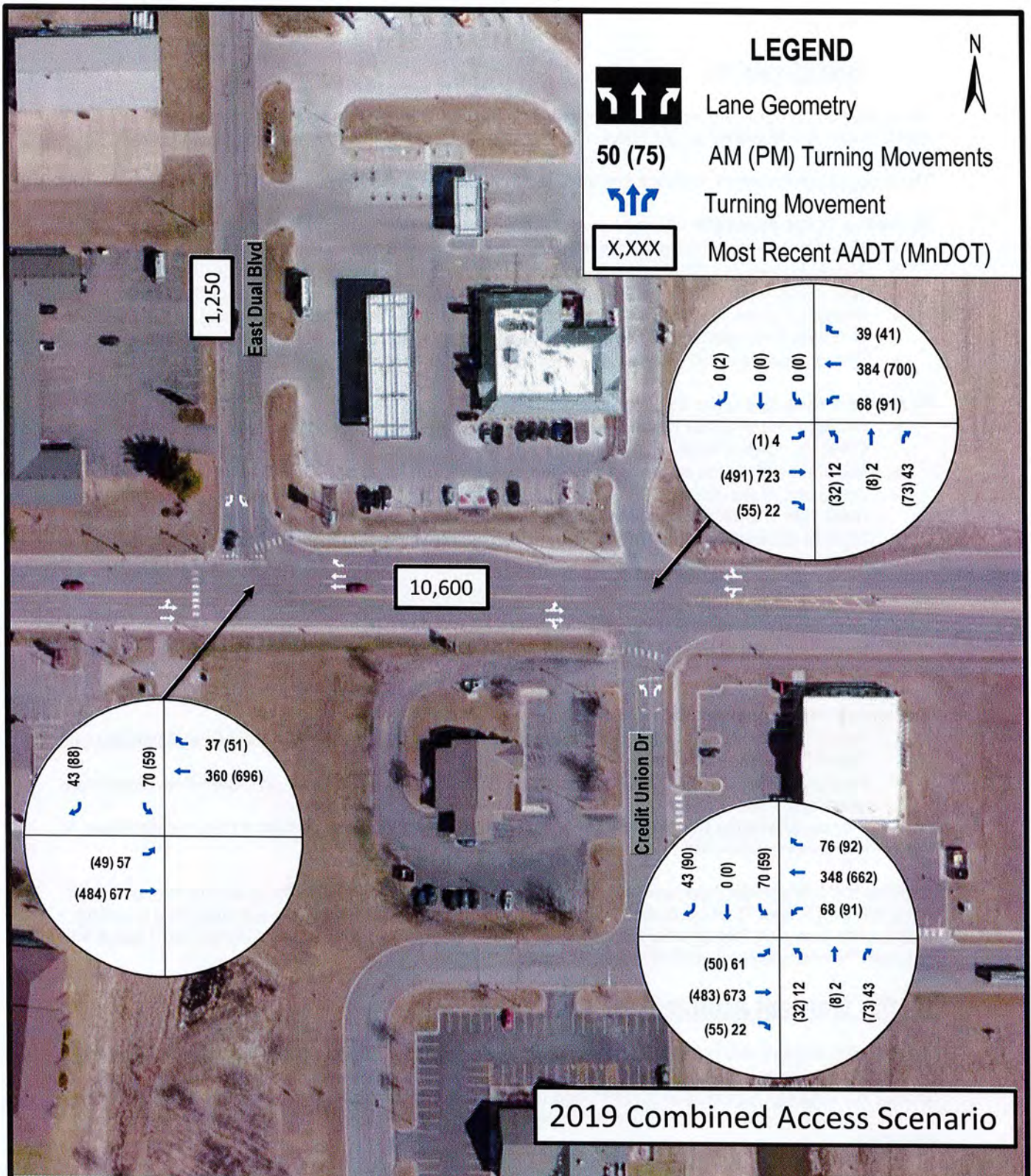
Table 2 – Existing Crash Rate Calculation at CSAH 5 and Credit Union Drive

Isanti CSAH 5 and Credit Union Dr (July 2016- June 2019)							
Location	Number of Crashes	Daily Entering Vehicles	Crash Rate *			Severity Rate	
			Calculated	Average **	Critical ***	Calculated	Average **
Isanti CSAH 5 and Credit Union Dr (July 2016- June 2019)	3	11,175	0.25	0.19	0.43	0.25	1.00

*Intersection crash rates are expressed in crashes per million entering vehicles.

**Average for an urban thru-stop intersection using MnDOT 2015 green sheets.

***Critical crash rates are expressed in crashes per million entering vehicles with 0.95 confidence level.



CSAH 5 at East Dual Boulevard and Credit Union Drive Traffic Analysis Isanti County, MN

Figure 2. 2019 Existing Turning Movements & Geometry

D. Future Conditions

The CSAH 5 corridor is projected to increase within the coming years and different intersection alternatives were identified for the intersections with East Dual Boulevard and Credit Union Drive.

The proposed intersection modifications included four different alternatives:

Alternative 1 (See Appendix E1):

- Installation of a traffic signal at the intersection of CSAH 5 and East Dual Boulevard.
- Mill and overlay of CSAH 5 between west of West Dual Boulevard and east of Credit Union Drive with restriping to include two-way left turn lane or exclusive left-turn lanes for all accesses.
- Reduction of eastbound CSAH 5 to one lane by restriping, and roadway widening on the north side of CSAH 5 to maintain the two westbound lanes and right-turn lane for East Dual Boulevard.
- This alternative could work as an interim improvement prior to Alternative 2.

Alternative 2 (See Appendix E1):

- Realignment of Credit Union Drive to create a 4-legged intersection with East Dual Boulevard and CSAH 5, and the installation of a traffic signal.
- Mill and overlay with restriping to include exclusive turn lanes on CSAH 5 at the traffic signal.
- Reduction of eastbound CSAH 5 to one lane by restriping, and roadway widening on the south and north side of CSAH 5 to maintain the two westbound lanes.
- Closure of existing Credit Union Drive access to CSAH 5 and realignment of Cherrywood Street to intersect the new road.

Alternative 3 (See Appendix E1):

- Installation of a mini-roundabout at each intersection (2 total).
- Restriping west of East Dual Boulevard and east of Credit Union Drive on CSAH 5 for appropriate lane transitions.

Alternative 4 (See Appendix E1):

- Realignment of Credit Union Drive to create a 4-legged intersection with East Dual Boulevard and CSAH 5, and the installation of a mini- roundabout.
- Restriping west of East Dual Boulevard and east of Credit Union Drive on CSAH 5 for appropriate lane transitions.
- Closure of existing Credit Union Drive access to CSAH 5 and realignment of Cherrywood Street to intersect the new road.

Recently the Stakeholder Agencies have contacted inquired about the possibility to acquire the land south of the CSAH 5 & East Dual Boulevard intersection. At this time the landowner is not interested in selling or otherwise providing that land for future transportation right-of-way. Due to this Alternatives 2 and 4 will no longer be considered as part of this traffic study.

Traffic Control Analysis

The following subsections detail the analysis used for determining the appropriate traffic control for each intersection or a combined intersection. Thirteen hours of turning movements (6:00 AM-7:00 PM) were counted on Tuesday, September 10, 2019 and used to perform a traffic signal warrant analysis if the two intersections were combined and realigned as one four-legged intersection, and for each intersection separately.

Traffic Signal Warrant Analysis

Part 4 of the MN MUTCD contains information pertaining to highway traffic signals, including a series of traffic-signal warrants that define the minimum conditions under which installing a traffic signal could be justified. These traffic signal warrants have been developed as national guidelines to promote continuity of traffic control devices and to ensure that traffic signals are installed at intersections that benefit from their operations. The following are the nine MN MUTCD traffic signal warrants:

- Warrant 1-Eight-Hour Vehicle Volume
- Warrant 2-Four-Hour Vehicle Volume
- Warrant 3-Peak Hour Vehicle Volume
- Warrant 4-Pedestrian Volume
- Warrant 5-School Crossing
- Warrant 6-Coordinated Signal System
- Warrant 7-Crash Experience
- Warrant 8-Roadway Network
- Warrant 9-Intersection Near a Grade Crossing

According to the MN MUTCD, inclusion of right-turn volumes for warrant analysis is dependent on engineering judgment, site factors and turning movement volumes. By applying engineering judgment, right-turn movements on all approaches of the combined access intersection and separate intersections were included in the analysis due to the lack of existing right-turn lanes on all legs.

The following is the result of the traffic signal warrant analysis for a combined intersection. See **Appendix C1** for additional information.

- Warrant 1 – Eight-Hour Vehicle Volume: **MET**
- Warrant 2 – Four-Hour Vehicle Volume: **MET**
- Warrant 3 – Peak-hour Vehicle Volume: **MET**
- Warrant 4 – Pedestrian Volume: **NOT MET**
- Warrant 5 – School Crossing: **N/A**
- Warrant 6 – Coordinated Signal System: **NOT MET**
- Warrant 7 – Crash Experience: **NOT MET**
- Warrant 8 – Roadway Network: **NOT MET**
- Warrant 9 – Intersection Near a Grade Crossing: **N/A**

Signal Warrants 1, 2 and 3 are met with existing traffic volumes and speed limits, with the realignment of accesses to create a 4-legged intersection.

The following is the result of the traffic signal warrant analysis for the intersection of CSAH 5 and East Dual Boulevard. See **Appendix C2** for additional information.

- Warrant 1 – Eight-Hour Vehicle Volume: **MET**
- Warrant 2 – Four-Hour Vehicle Volume: **MET**
- Warrant 3 – Peak-hour Vehicle Volume: **MET**
- Warrant 4 – Pedestrian Volume: **NOT MET**
- Warrant 5 – School Crossing: **N/A**
- Warrant 6 – Coordinated Signal System: **NOT MET**
- Warrant 7 – Crash Experience: **NOT MET**
- Warrant 8 – Roadway Network: **NOT MET**
- Warrant 9 – Intersection Near a Grade Crossing: **N/A**

Signal Warrants 1, 2 and 3 are met with existing traffic volumes and speed limits at the intersection of CSAH 5 and East Dual Boulevard.

The following is the result of the traffic signal warrant analysis for the intersection of CSAH 5 and Credit Union Drive. See **Appendix C3** for additional information.

- Warrant 1 – Eight-Hour Vehicle Volume: **MET**
- Warrant 2 – Four-Hour Vehicle Volume: **MET**
- Warrant 3 – Peak-hour Vehicle Volume: **MET**
- Warrant 4 – Pedestrian Volume: **NOT MET**
- Warrant 5 – School Crossing: **N/A**
- Warrant 6 – Coordinated Signal System: **NOT MET**
- Warrant 7 – Crash Experience: **NOT MET**
- Warrant 8 – Roadway Network: **NOT MET**
- Warrant 9 – Intersection Near a Grade Crossing: **N/A**

Signal Warrants 1, 2 and 3 are met with existing traffic volumes and speed limits at the intersection of CSAH 5 and Credit Union Drive.

E. All-Way Stop Warrant Analysis

Part 2B of the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD) contains information pertaining to the all-way stop control with criteria relating to vehicular volumes and crash history that define the minimum conditions under which installing an all-way stop could be justified.

The following are the discussions regarding whether the intersection geometry and/or traffic volumes meet the guidance in the MN MUTCD. Text in *italics* denotes guidance from the MN MUTCD, and regular text denotes discussion on whether conditions meet the guidance. Using the provided count data, all-way stop warrants were analyzed, with the realignment of accesses to create a conventional 4-legged intersection and for each intersection separately.

- *A multi-way stop application can be used as an interim measure while arrangements can be made to install a traffic signal* – A traffic signal is warranted at this intersection; therefore, a multi-way stop application could be used as an interim measure.
- *Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation* – Only two right-angle crashes have occurred within the past 5 years at each of the intersection with CSAH 5.
- *Minimum volumes* – 7 of the required 8 hours were met, See **Appendix D1-D3** for volume analysis.
- *Where no single criterion is satisfied, but where the preceding criteria are all satisfied to 80% of the minimum values.* – 11 hours of the required 8 hours were met, See **Appendix D1-D3** for the 80% minimum value analysis.
- *The need to control left-turn conflicts* – Westbound left-turn conflicts would need to be controlled due to relatively high left-turn volumes compared to right-turn volumes, and oncoming traffic is high during peak hours.
- *The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes* – The existing intersections do not experience a high level of pedestrian and bicycle traffic that would require installation of a multi-way stop to provide adequate operations.
- *Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop* – Sightlines are currently visible at both intersections.
- *An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve operational characteristics of the intersection* – East Dual Boulevard and Credit Union Drive are not of the same functional classification or design as CSAH 5, traffic operations at the intersection would not benefit from the installation of a multi-way stop.

The signal warrant and 80% volume warrant are met if the two intersections were realigned and combined as one intersection. However, because traffic volumes on CSAH 5 are much higher than the minor approaches, all-way stop control is not recommended if the accesses were combined or if they remain as separate intersections.

Although no traffic warrants for roundabouts currently exist, the MnDOT Intersection Control Evaluation Manual states that if a traffic signal or an all-way stop warrant is met, a roundabout should also be considered as a warranted traffic control device. There are traffic signal and all-way stop warrants that are currently met for both intersections, which makes the installation of a roundabout warranted. The Intersection Control Evaluation Manual also states that site-specific safety issues may cause a roundabout to be justified. As traffic volumes rise at the intersection, safety will become a larger concern as vehicles are turning in and out of the accesses.

Crash Evaluation

Crash reductions for each type of intersection control were estimated based on the proposed layout and the crash reduction factors from the Federal Highway Administration (FHWA) Crash Reduction Factors and the Minnesota Department of Transportation (MnDOT) Roundabout Crash Reduction Factors. **Table 3** shows the projected crash rate and yearly crashes for each traffic control type using the existing traffic volumes. Fewer crashes mean a reduced cost to the local economy in terms of lost productivity related to property damage, injuries, and congestion on local roadways.

Table 3 – Existing and Projected Crash Rates by Traffic Control Type

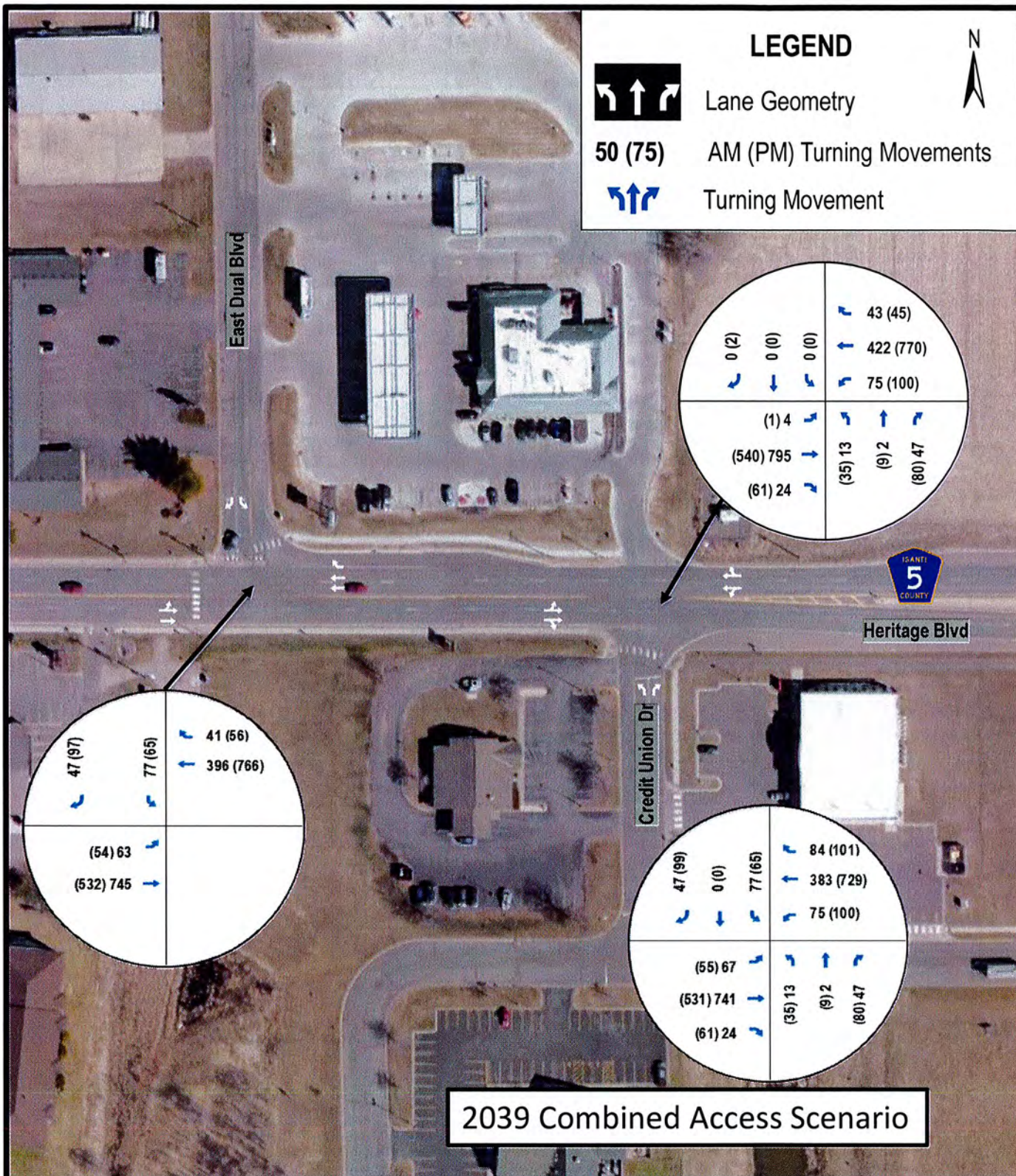
Traffic Control	Crash Reduction Factor*	Crash Rate**	Projected Crashes Per Year
Thru-Stop @ East Dual Blvd (Existing)		0.41	1.67
Thru-Stop @ East Dual Blvd (Existing)		0.25	1.00
Combined Thru-Stop (Build with existing crashes)		0.62	2.67
Urban-Thru Stop (State average rate)		0.19	0.80
High Volume, Low Speed Signal (State average rate)		0.72	3.09
Urban Single Lane Roundabout	0.60	0.25	1.08
Urban Multi-lane Roundabout	0.65	0.22	0.95

* Crash reduction factors taken from MnDOT's HSIP Program guidance

** Crash rate for proposed improvements = $(1 - \text{CRF}) \times (\text{existing CR})$

Traffic Forecasts

Based on the Minnesota DOT County Growth Rate Table, traffic volumes in Isanti County are projected to rise by 10% over the next 20 years. For future analysis, the 10% increase in traffic movement volumes will be used in all simulations to determine level of service. Year 2039 Forecasted Turning Movements are shown in **Figure 3**.

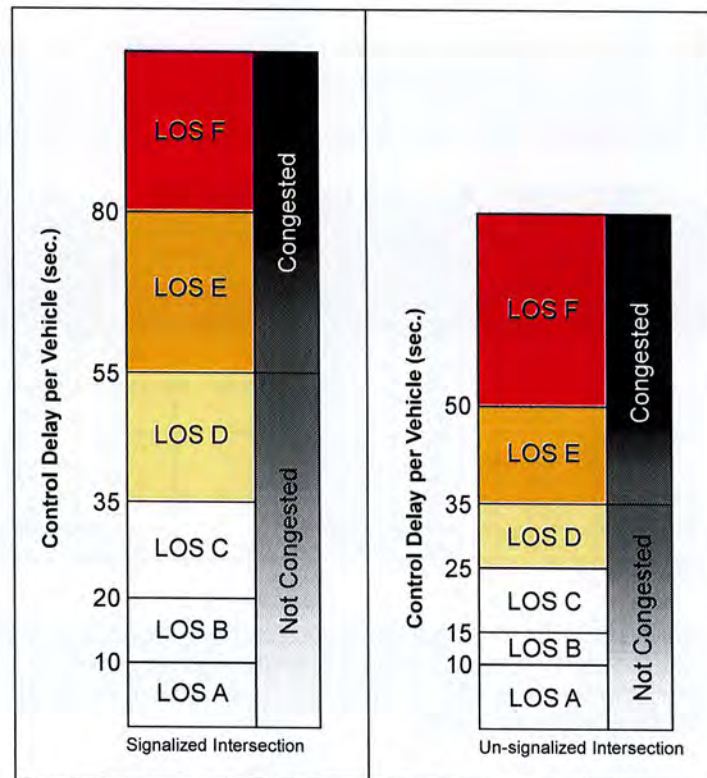


CSAH 5 at East Dual Boulevard and Credit Union Drive
Traffic Analysis
 Isanti County, MN

Figure 3. 2039 Forecasted Turning Movements

Intersection Capacity Analysis

Intersection operations are evaluated in terms of average seconds of delay per vehicle, each approach and turning movement for the intersection. The average number of seconds of delay is broken into six ranges assigned letter grades A through F defining each level of service (LOS) as shown in **Figure 4**. The ranges for unsignalized intersections are narrower than the ranges for signalized intersections. This is because many factors including the intangible factors of driver discomfort and frustration are considered. A one-minute delay at a red light is perceived as being more tolerable than waiting one minute for a gap in traffic at a stop sign, especially when there are vehicles queued behind. It is generally recognized that LOS D is the lowest acceptable LOS for urban intersections. Intersection capacity is also defined in terms of queue lengths of stopped vehicles. A 100-foot queue is approximately equal to four cars.



SOURCE: Level of Service thresholds from the Highway Capacity Manual.
K:\Traffic\Level of Service (LOS)\LOS Delay Graphic.ppt

Figure 4 – Level of Service Guidelines

Synchro / SimTraffic software was used to simulate existing and future traffic operations at the CSAH 5 intersection(s) with East Dual Boulevard and Credit Union Drive.

Synchro is a macroscopic software application used for optimizing traffic signal timing and performing capacity analysis of roadway networks consisting of stop, yield, and signalized traffic control conditions. The underlying equations are based on Highway Capacity Manual (HCM) procedures. SimTraffic is a microscopic software application that performs simulation and animation of vehicular traffic based on Synchro inputs. SimTraffic follows individual cars and uses a wide variety of variables (including some random variables) to simulate real-world driver behavior.

PTV Vissim simulation software was used to analyze the future traffic volumes for the two mini-roundabouts in Alternative 3. Vissim is a microsimulation that treats each vehicle individually as it interacts with others through the transportation network mimicking reality.

Highway Capacity Software (HCS) Roundabouts version 7.6 analysis software was used to analyze the future traffic volumes for the proposed mini-roundabout in Alternative 4. HCS is a traffic operations analysis software that implements the methodologies of the HCM.

Traffic operations at the CSAH 5 intersection(s) with East Dual Boulevard and Credit Union Drive were simulated using existing (2019) and 2039 traffic volumes for the existing traffic control and lane geometry (No-Build Condition) and for each proposed traffic control and lane geometry (Build Conditions).

Existing Operations Analysis

The CSAH 5 intersections with East Dual Boulevard and Credit Union Drive are currently both minor approach stop-controlled. These configurations were simulated in Synchro/SimTraffic for both the AM and PM peak hours using existing (2019) traffic volumes. The results of the existing condition traffic operations analysis are summarized in **Table 4**. Detailed modeling results are provided in **Appendix F**.

Table 4 – 2019 Existing Condition Operations Summary (SimTraffic)

Intersection			AM Peak				PM Peak			
Control	Location	Approach	Movement Delay* (LOS)			Intersection Delay* (LOS)	Movement Delay* (LOS)			Intersection Delay* (LOS)
			Left	Through	Right		Left	Through	Right	
Thru-Stop	CSAH 5 & East Dual Blvd	WB	0 (A)	0 (A)	0 (A)	3 (A)	0 (A)	1 (A)	0 (A)	2 (A)
		SB	12 (B)	0 (A)	6 (A)		15 (C)	0 (A)	6 (A)	
		EB	7 (A)	3 (A)	0 (A)		7 (A)	2 (A)	0 (A)	
Thru-Stop	Credit Union Dr & CSAH 5	NB	13 (B)	0 (A)	4 (A)	1 (A)	24 (C)	26 (D)	10 (B)	2 (A)
		WB	5 (A)	1 (A)	0 (A)		5 (A)	1 (A)	0 (A)	
		SB	0 (A)	0 (A)	0 (A)		0 (A)	0 (A)	3 (A)	
		EB	4 (A)	1 (A)	0 (A)		8 (A)	1 (A)	0 (A)	

* Delay measured in seconds per vehicle

The traffic operations analysis shows that both intersections currently operate at an overall acceptable level of service during peak hours. However, the northbound through movement to the Kwik Trip access north of Credit Union Drive operates at a LOS D during the PM peak hour. As traffic increases on CSAH 5, delays will increase for minor approach traffic.

2019 Build-Alternative 1 (Signal at East Dual Blvd) Traffic Operations Analysis

The 2019 Build-Alternative 1 analysis was modeled using Synchro/SimTraffic software with existing 2019 traffic volumes. This scenario assumes proposed lane geometry, access, and traffic control for Alternative 1. The results of the 2019 Build-Alternative 1 condition traffic operations analysis are summarized in **Table 5**. Further modeling results are provided in **Appendix F**.

Table 5 – 2019 Build Operations Summary (SimTraffic)

Intersection			AM Peak				PM Peak			
Control	Location	Approach	Movement Delay* (LOS)			Intersection Delay* (LOS)	Movement Delay* (LOS)			Intersection Delay* (LOS)
			Left	Through	Right		Left	Through	Right	
Signalized	CSAH 5 & East Dual Blvd	WB		9 (A)	2 (A)	12 (B)		11 (B)	3 (A)	11 (B)
		SB	14 (B)		5 (A)		12 (B)		5 (A)	
		EB	10 (B)	15 (B)			12 (B)	12 (B)		
Thru-Stop	Credit Union Dr & CSAH 5	NB	20 (C)	20 (C)	4 (A)	2 (A)	22 (C)	16 (C)	7 (A)	3 (A)
		WB	9 (A)	0 (A)	0 (A)		6 (A)	1 (A)	0 (A)	
		SB	0 (A)	0 (A)	0 (A)		0 (A)	0 (A)	4 (A)	
		EB	6 (A)	3 (A)	2 (A)		6 (A)	3 (A)	2 (A)	

* Delay measured in seconds per vehicle

With the existing volumes and the proposed improvements, both intersections are expected to operate with an overall LOS B or better during the AM and PM peak hours. The traffic signal and surrounding improvements are being designed to give gaps for traffic on minor approaches to enter CSAH 5. The exclusive left-turn lanes will also provide storage for turning vehicles so they will not block mainline traffic as occurs in the existing condition.

2019 Build-Alternative 3 (Dual Mini-Roundabouts) Traffic Operations Analysis

The 2019 Build-Alternative 3 analysis was modeled using VISSIM software with existing traffic volumes. This scenario assumes proposed lane geometry, access, and traffic control as described for Alternative 3. The results of the 2019 Build-Alternative 3 condition traffic operations analysis are summarized in **Table 6**. Further modeling results are provided in **Appendix F**.

Table 6 – 2019 Build-Alternative 3 Operations Summary (VISSIM)

Intersection			AM Peak		PM Peak	
Control	Location	Approach	Approach Delay* (LOS)	Intersection Delay* (LOS)	Approach Delay* (LOS)	Intersection Delay* (LOS)
Roundabout	CSAH 5 & East Dual Blvd	WB	3 (A)	3 (A)	3 (A)	4 (A)
		SB	3 (A)		7 (A)	
		EB	3 (A)		4 (A)	
Roundabout	CSAH 5 & Credit Union Dr	NB	4 (A)	3 (A)	4 (A)	5 (A)
		WB	4 (A)		6 (A)	
		EB	2 (A)		4 (A)	

* Delay measured in seconds per vehicle

With the existing volumes and the proposed improvements, both intersections are expected to operate with an overall LOS A during the AM and PM peak hours. The dual mini-roundabouts and surrounding improvements are being designed to give gaps for traffic on minor approaches to enter CSAH 5, as well as slow vehicles down through the corridor.

2039 No-Build Traffic Operations Analysis

The 2039 No-Build analysis was modeled using Synchro/SimTraffic software with projected 2039 traffic volumes as described in the "Traffic Forecasts" section. This scenario assumes existing lane geometry, access, and traffic control. The results of the 2039 No-Build condition traffic operations analysis are summarized in **Table 7**. Further modeling results are provided in **Appendix F**.

Table 7 – 2039 No-Build Operations Summary (SimTraffic)

Intersection			AM Peak				PM Peak			
Control	Location	Approach	Movement Delay* (LOS)			Intersection Delay* (LOS)	Movement Delay* (LOS)			Intersection Delay* (LOS)
			Left	Through	Right		Left	Through	Right	
Thru-Stop	CSAH 5 & East Dual Blvd	WB	0 (A)	0 (A)	0 (A)	2 (A)	0 (A)	1 (A)	1 (A)	3 (A)
		SB	14 (B)	0 (A)	6 (A)		20 (C)	0 (A)	10 (B)	
		EB	6 (A)	2 (A)	0 (A)		8 (A)	2 (A)	0 (A)	
Thru-Stop	Credit Union Dr & CSAH 5	NB	18 (C)	25 (D)	7 (A)	2 (A)	39 (E)	30 (D)	17 (C)	3 (A)
		WB	7 (A)	1 (A)	0 (A)		6 (A)	2 (A)	0 (A)	
		SB	0 (A)	0 (A)	0 (A)		0 (A)	0 (A)	5 (A)	
		EB	4 (A)	1 (A)	0 (A)		6 (A)	1 (A)	0 (A)	

* Delay measured in seconds per vehicle

With the 2039 projected volumes, the intersections are expected to operate with an overall LOS A during the AM and PM peak hours. Minor approaches delay at both intersections will continue to rise as traffic volumes increase and vehicles make riskier decisions when waiting for gaps in traffic.

2039 Build-Alternative 1 (Signal at East Dual Blvd) Traffic Operations Analysis

The 2039 Build-Alternative 1 analysis was modeled using Synchro/SimTraffic software with projected 2039 traffic volumes as described in the "Traffic Forecasts" section. This scenario assumes proposed lane geometry, access, and traffic control for Alternative 1. The results of the 2039 Build-Alternative 1 condition traffic operations analysis are summarized in **Table 8**. Further modeling results are provided in **Appendix F**.

Table 8 – 2039 Build-Alternative 1 Operations Summary (SimTraffic)

Intersection			AM Peak				PM Peak			
Control	Location	Approach	Movement Delay* (LOS)			Intersection Delay* (LOS)	Movement Delay* (LOS)			Intersection Delay* (LOS)
			Left	Through	Right		Left	Through	Right	
Signalized	CSAH 5 & East Dual Blvd	WB		9 (A)	3 (A)	14 (B)		11 (B)	3 (A)	11 (B)
		SB	15 (B)		6 (A)		12 (B)		6 (A)	
		EB	11 (B)	17 (B)			13 (B)	12 (B)		
Thru-Stop	Credit Union Dr & CSAH 5	NB	23 (C)	25 (D)	6 (A)	3 (A)	27 (D)	32 (D)	11 (B)	3 (A)
		WB	11 (B)	0 (A)	0 (A)		7 (A)	1 (A)	0 (A)	
		SB	0 (A)	0 (A)	0 (A)		0 (A)	0 (A)	3 (A)	
		EB	6 (A)	3 (A)	2 (A)		0 (A)	3 (A)	2 (A)	

* Delay measured in seconds per vehicle

With the 2039 projected volumes and the proposed geometry, the intersections are expected to continue operating with an overall LOS B or greater during the AM and PM peak hour. The traffic signal at East Dual Boulevard will provide the necessary gaps for minor approach southbound traffic. However, northbound traffic on Credit Union Drive may still experience a LOS D during peak hours, as that intersection is not signalized.

2039 Build-Alternative 3 (Dual Mini-Roundabouts) Traffic Operations Analysis

The 2039 Build-Alternative 3 analysis was modeled using VISSIM software with projected 2039 traffic volumes as described in the "Traffic Forecasts" section. This scenario assumes proposed lane geometry, access, and traffic control for Alternative 3. The results of the 2039 Build-Alternative 3 condition traffic operations analysis are summarized in **Table 9**. Further modeling results are provided in **Appendix F**.

Table 9 – 2039 Build-Alternative 3 Operations Summary (VISSIM)

Intersection			AM Peak		PM Peak	
Control	Location	Approach	Approach Delay* (LOS)	Intersection Delay* (LOS)	Approach Delay* (LOS)	Intersection Delay* (LOS)
Roundabout	CSAH 5 & East Dual Blvd	WB	4 (A)	5 (A)	5 (A)	5 (A)
		SB	4 (A)		8 (A)	
		EB	5 (A)		5 (A)	
Roundabout	CSAH 5 & Credit Union Dr	NB	4 (A)	5 (A)	4 (A)	7 (A)
		WB	6 (A)		9 (A)	
		EB	3 (A)		6 (A)	

* Delay measured in seconds per vehicle

With the 2039 projected volumes and the proposed geometry, the intersections are expected to operate with an overall LOS A during the AM and PM peak hours. The dual mini-roundabouts and surrounding improvements are being designed to give gaps for traffic on minor approaches to enter CSAH 5, as well as slow vehicles down through the corridor. The dual mini-roundabouts are expected to provide efficient operations beyond the 2039 horizon year.

Evaluation Considerations

Right of Way Impacts

Maintaining the existing geometry and traffic control would require no additional right of way. Right of way impacts for the build alternatives are shown in **Table 10**.

Table 10 – Right of Way Impacts

Alternative	Number of Parcels Needing Right of Way	Permanent Right of Way (SF)	Temporary Easement (SF)
1 – Signal Option	3	17,500	4,000
3 – Roundabout Option	5	6,000	2,500

Project Costs (does not include Right of Way)

- Existing Traffic Control Application Control – would require no construction or additional maintenance costs.
- Alternative 1 – Total cost for the installation of a traffic signal and surrounding improvements is estimated to be ~\$930,000.
- Alternative 3 – Total cost for the construction of two mini-roundabouts and surrounding improvements is estimated to be ~\$1,160,000.

Political Consideration / Public Input

At this point there has been no public involvement with this project. The City of Isanti and Isanti County are in support of improving the corridor.

The City and County have approached the owner of the land south of the CSAH 5 & East Dual Boulevard intersection. At this time the landowner is not interested in selling or otherwise providing that land for future transportation right-of-way.

F. Alternatives Analysis

Several iterations of alternatives were examined and discussed with the County to identify the four alternatives analyzed in the report.

G. Conclusion

Two types of control on the CSAH 5 corridor are justified and appropriate for the corridor, a traffic signal and mini-roundabouts. The two existing intersections on CSAH 5 operate under minor approach stop-control, where minor approaches currently incur long enough delays and make unsafe turns to enter CSAH 5. Both Alternative 1 and Alternative 3 offer sound, safe and suitable solutions for traffic operations on the CSAH 5 corridor. Further discussion and coordination between the County, City and other stakeholders should be taken to determine the future layout of the corridor.

APPENDIX A

Existing Turning Movement Counts

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & credit union dr
Site Code : 3
Start Date : 9/10/2019
Page No : 1

Groups Printed- Cars +

Start Time	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	0	1	0	1	12	32	5	0	49	3	0	0	0	3	0	120	0	0	120	173
06:15 AM	0	0	2	0	2	13	73	4	0	90	1	0	1	0	2	4	120	0	2	126	220
06:30 AM	0	0	1	0	1	10	51	8	0	69	1	1	1	0	3	2	147	0	0	149	222
06:45 AM	0	0	1	0	1	8	62	10	0	80	1	0	0	0	1	7	142	0	0	149	231
Total	0	0	5	0	5	43	218	27	0	288	6	1	2	0	9	13	529	0	2	544	846
07:00 AM	0	0	0	0	0	13	55	17	0	85	7	0	4	0	11	5	143	1	0	149	245
07:15 AM	0	0	0	0	0	5	81	9	0	95	4	1	0	0	5	6	165	0	0	171	271
07:30 AM	0	0	0	0	0	11	83	16	0	110	20	0	4	0	24	6	233	1	0	240	374
07:45 AM	0	0	0	0	0	9	163	26	0	198	12	1	4	0	17	5	170	0	0	175	390
Total	0	0	0	0	0	38	382	68	0	488	43	2	12	0	57	22	711	2	0	735	1280
08:00 AM	0	1	0	0	1	9	81	8	0	98	8	1	2	0	11	5	128	0	0	133	243
08:15 AM	0	0	0	0	0	8	61	13	0	82	4	3	4	0	11	8	106	0	0	114	207
08:30 AM	0	0	0	0	0	4	58	20	0	82	6	1	9	0	16	9	96	1	0	106	204
08:45 AM	0	0	0	0	0	5	49	9	0	63	4	0	5	0	9	9	82	2	0	93	165
Total	0	1	0	0	1	26	249	50	0	325	22	5	20	0	47	31	412	3	0	446	819
09:00 AM	0	0	2	0	2	5	56	12	0	73	6	1	6	0	13	11	117	0	0	128	216
09:15 AM	0	1	0	0	1	5	54	9	0	68	13	0	5	2	20	6	70	0	0	76	165
09:30 AM	0	0	1	0	1	2	42	14	0	58	12	2	9	0	23	11	76	0	0	87	169
09:45 AM	0	0	0	0	0	4	69	14	0	87	12	1	2	0	15	13	81	0	0	94	196
Total	0	1	3	0	4	16	221	49	0	286	43	4	22	2	71	41	344	0	0	385	746
10:00 AM	0	0	0	0	0	9	48	11	0	68	7	1	10	0	18	11	73	0	0	84	170
10:15 AM	0	0	0	0	0	5	52	17	0	74	17	1	6	0	24	7	79	1	0	87	185
10:30 AM	0	0	0	0	0	7	68	18	0	93	13	0	7	0	20	14	83	0	0	97	210
10:45 AM	0	0	1	0	1	4	82	10	0	96	13	0	8	0	21	8	85	0	0	93	211
Total	0	0	1	0	1	25	250	56	0	331	50	2	31	0	83	40	320	1	0	361	776
11:00 AM	1	0	1	0	2	5	71	19	0	95	12	1	12	0	25	15	81	0	0	96	218
11:15 AM	0	0	1	0	1	10	69	23	0	102	13	1	6	0	20	20	85	0	0	105	228
11:30 AM	0	0	2	0	2	8	64	20	0	92	17	0	10	0	27	13	90	0	0	103	224
11:45 AM	0	0	0	0	0	7	80	12	0	99	14	1	8	0	23	14	95	0	0	109	231
Total	1	0	4	0	5	30	284	74	0	388	56	3	36	0	95	62	351	0	0	413	901
12:00 PM	0	0	0	0	0	13	80	16	0	109	8	1	13	0	22	7	67	0	0	74	205
12:15 PM	0	0	0	0	0	9	75	17	0	101	11	1	10	0	22	14	94	0	0	108	231
12:30 PM	0	0	1	0	1	5	82	22	0	109	11	2	10	1	24	13	93	0	0	106	240
12:45 PM	0	0	0	0	0	5	81	15	0	101	15	4	9	0	28	17	90	0	0	107	236
Total	0	0	1	0	1	32	318	70	0	420	45	8	42	1	96	51	344	0	0	395	912
01:00 PM	0	0	1	0	1	4	70	18	0	92	13	0	12	0	25	20	77	0	0	97	215
01:15 PM	0	0	0	0	0	2	63	15	0	80	9	2	18	1	30	9	61	0	0	70	180
01:30 PM	1	0	0	0	1	11	80	19	0	110	9	0	8	1	18	13	83	0	0	96	225
01:45 PM	0	0	0	0	0	9	89	23	0	121	22	2	9	0	33	13	101	1	0	115	269
Total	1	0	1	0	2	26	302	75	0	403	53	4	47	2	106	55	322	1	0	378	889
02:00 PM	0	0	0	0	0	8	94	17	0	119	23	0	9	0	32	7	75	1	0	83	234
02:15 PM	0	0	1	0	1	5	93	21	0	119	11	1	5	1	18	13	80	2	0	95	233
02:30 PM	0	0	1	0	1	9	132	22	0	163	14	2	11	0	27	15	106	0	0	121	312
02:45 PM	0	0	0	0	0	9	116	18	0	143	20	2	9	0	31	7	97	1	0	105	279
Total	0	0	2	0	2	31	435	78	0	544	68	5	34	1	108	42	358	4	0	404	1058
03:00 PM	1	0	1	0	2	16	138	24	0	178	21	1	4	0	26	9	158	0	0	167	373
03:15 PM	0	0	0	0	0	17	189	28	0	234	16	2	7	0	25	17	91	0	0	108	367
03:30 PM	1	0	0	0	1	12	167	18	0	197	18	0	13	0	31	10	130	1	0	141	370
03:45 PM	0	0	0	0	0	11	159	21	0	191	17	1	6	0	24	12	131	1	0	144	359
Total	2	0	1	0	3	56	653	91	0	800	72	4	30	0	106	48	510	2	0	560	1469

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 2

Groups Printed- Cars +																				
Start Time	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West				
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total
04:00 PM	0	0	0	0	0	12	189	29	0	230	11	2	8	0	21	18	122	0	0	140
04:15 PM	0	0	0	0	0	10	154	14	0	178	27	2	8	1	38	9	112	0	0	121
04:30 PM	2	0	0	0	2	8	191	27	0	226	18	3	10	0	31	16	123	0	0	139
04:45 PM	0	0	0	0	0	9	172	27	0	208	14	0	5	2	21	15	98	0	0	113
Total	2	0	0	0	2	39	706	97	0	842	70	7	31	3	111	58	455	0	0	513
05:00 PM	0	0	0	0	0	7	182	23	0	212	10	0	4	0	14	11	103	0	0	114
05:15 PM	0	0	0	0	0	16	188	24	0	228	10	3	9	1	23	16	124	0	0	140
05:30 PM	0	0	0	0	0	8	137	14	0	159	12	2	16	0	30	19	127	1	0	147
05:45 PM	0	0	1	0	1	7	154	17	0	178	11	1	9	0	21	5	106	1	0	112
Total	0	0	1	0	1	38	661	78	0	777	43	6	38	1	88	51	460	2	0	513
06:00 PM	2	0	2	0	4	12	129	25	0	166	8	1	8	0	17	9	91	0	0	100
06:15 PM	0	0	1	0	1	4	134	21	0	159	13	1	9	0	23	15	87	0	0	102
06:30 PM	0	0	0	0	0	8	126	24	0	158	12	0	10	0	22	15	100	0	1	116
06:45 PM	0	0	0	0	0	7	90	15	0	112	8	0	11	0	19	17	97	0	0	114
Total	2	0	3	0	5	31	479	85	0	595	41	2	38	0	81	56	375	0	1	432
Grand Total	8	2	22	0	32	431	5158	898	0	6487	612	53	383	10	1058	570	5491	15	3	6079
Apprch %	25	6.2	68.8	0		6.6	79.5	13.8	0		57.8	5	36.2	0.9		9.4	90.3	0.2	0	
Total %	0.1	0	0.2	0	0.2	3.2	37.8	6.6	0	47.5	4.5	0.4	2.8	0.1	7.7	4.2	40.2	0.1	0	44.5

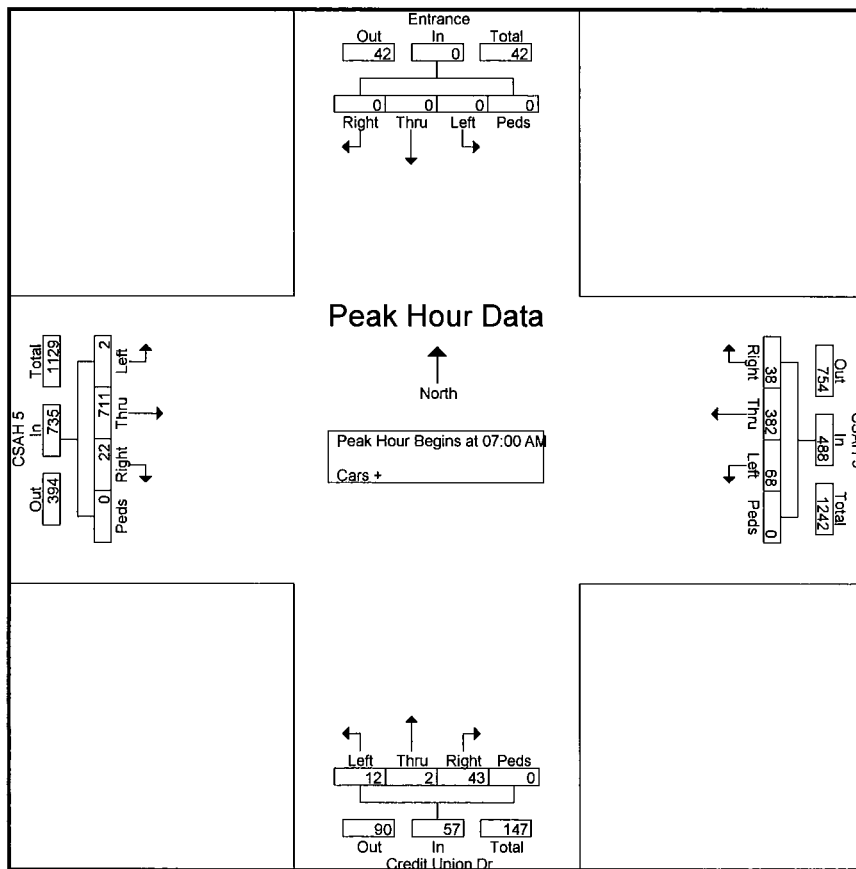
13656

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 3

	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	0	0	0	0	13	55	17	0	85	7	0	4	0	11	5	143	1	0	149	245
07:15 AM	0	0	0	0	0	5	81	9	0	95	4	1	0	0	5	6	165	0	0	171	271
07:30 AM	0	0	0	0	0	11	83	16	0	110	20	0	4	0	24	6	233	1	0	240	374
07:45 AM	0	0	0	0	0	9	163	26	0	198	12	1	4	0	17	5	170	0	0	175	390
Total Volume	0	0	0	0	0	38	382	68	0	488	43	2	12	0	57	22	711	2	0	735	1280
% App. Total																					
PHF	.000	.000	.000	.000	.000	.731	.586	.654	.000	.616	.538	.500	.750	.000	.594	.917	.763	.500	.000	.766	.821

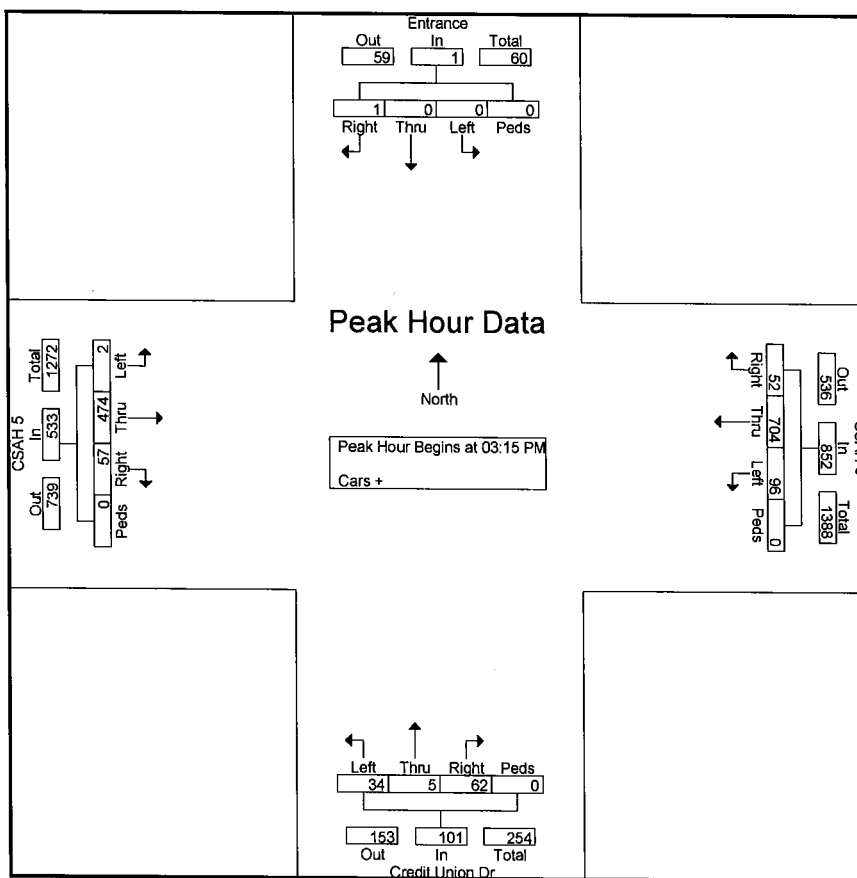


WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 4

	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:15 PM																					
03:15 PM	0	0	0	0	0	17	189	28	0	234	16	2	7	0	25	17	91	0	0	108	367
03:30 PM	1	0	0	0	1	12	167	18	0	197	18	0	13	0	31	10	130	1	0	141	370
03:45 PM	0	0	0	0	0	11	159	21	0	191	17	1	6	0	24	12	131	1	0	144	359
04:00 PM	0	0	0	0	0	12	189	29	0	230	11	2	8	0	21	18	122	0	0	140	391
Total Volume	1	0	0	0	1	52	704	96	0	852	62	5	34	0	101	57	474	2	0	533	1487
% App. Total																					
PHF	.250	.000	.000	.000	.250	.765	.931	.828	.000	.910	.861	.625	.654	.000	.815	.792	.905	.500	.000	.925	.951



WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & credit union dr
Site Code : 3
Start Date : 9/10/2019
Page No : 1

Groups Printed- Trucks

	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West						
Start Time	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Int. Total	
06:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	3
06:15 AM	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	3
06:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	0	3	6
Total	0	0	0	0	0	0	5	1	0	6	1	0	0	0	1	0	7	0	0	0	7	14
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	4	4
07:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	1	0	0	3	4
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	0	4	5
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	0	3	4
Total	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	12	2	0	0	14	17
08:00 AM	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
08:15 AM	0	0	0	4	4	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	6
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	0	3	5
08:45 AM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	1	0	0	0	1	3
Total	0	0	0	4	4	2	7	0	0	9	0	0	0	0	0	0	5	0	0	0	5	18
09:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	1	0	2	4
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	1	0	4	7
10:00 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	3	0	0	0	3	4
10:15 AM	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
10:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	2	4	0	0	6	0	0	0	0	0	0	3	0	0	0	3	9
11:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	3
11:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
11:30 AM	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	1	0	0	0	1	5
11:45 AM	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	3	0	0	0	3	5
Total	0	0	0	0	0	0	9	1	0	10	1	0	0	0	1	0	5	0	0	0	5	16
12:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	3
12:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	3
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	3
12:45 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	1	2	0	0	0	3	7
Total	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	1	7	0	0	0	8	16
01:00 PM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	0	3	4
01:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3	3
Total	0	0	0	0	0	1	2	0	0	3	1	0	0	0	1	1	5	0	0	0	6	10
02:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	1	0	0	2	5
02:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	1	0	3	4
02:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	0	2	3
Total	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	5	1	1	0	7	13
03:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	0	3	5
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	0	4	8

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 2

Groups Printed- Trucks

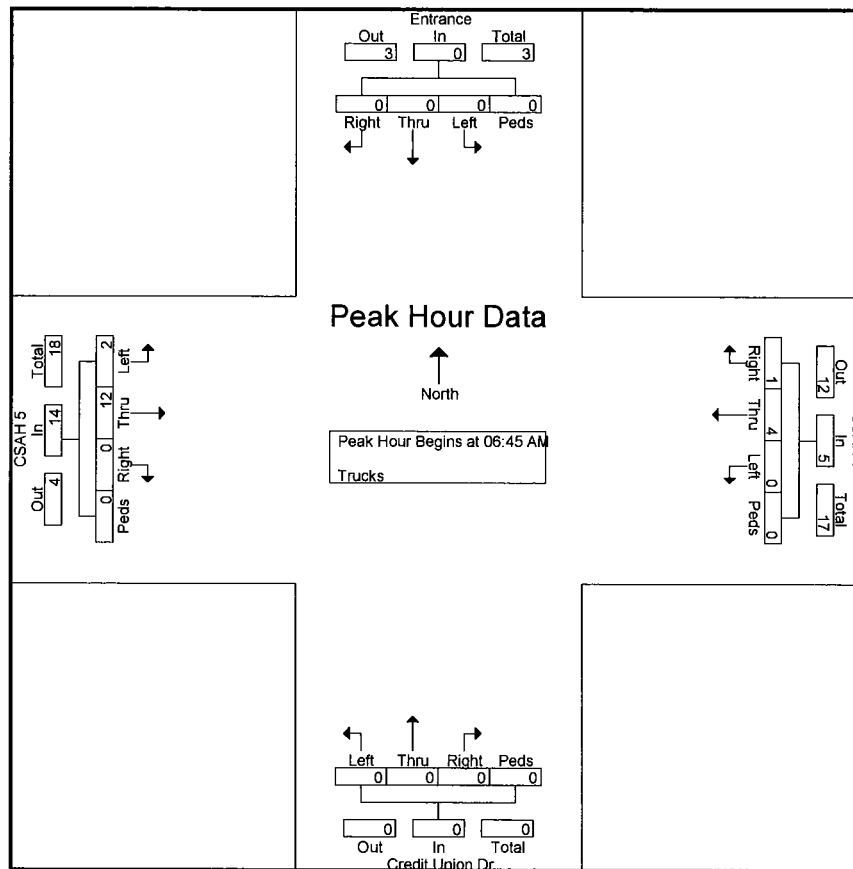
Start Time	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					Int. Total
	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	
04:00 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5
04:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	5	5	0	2	0	0	2	8
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	0	0	0	0	0	0	9	0	0	9	0	0	0	5	5	0	5	0	0	5	19
05:00 PM	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	1	0	0	1	5
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
05:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	1	7	0	0	8	0	0	0	0	0	0	4	0	0	4	12
06:00 PM	0	0	0	1	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	3
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
06:45 PM	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	3
Total	0	0	0	2	2	1	2	0	0	3	0	0	0	0	0	0	2	0	0	2	7
Grand Total	0	0	0	6	6	8	68	2	0	78	3	0	0	5	8	2	67	3	2	74	166
Apprch %	0	0	0	100		10.3	87.2	2.6	0		37.5	0	0	62.5		2.7	90.5	4.1	2.7		
Total %	0	0	0	3.6	3.6	4.8	41	1.2	0	47	1.8	0	0	3	4.8	1.2	40.4	1.8	1.2	44.6	

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 3

	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	6
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	4
07:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	1	0	3	4
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
Total Volume	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	12	2	0	14	19
% App. Total																					
PHF	.000	.000	.000	.000	.000	.250	.333	.000	.000	.417	.000	.000	.000	.000	.000	.000	.750	.500	.000	.875	.792

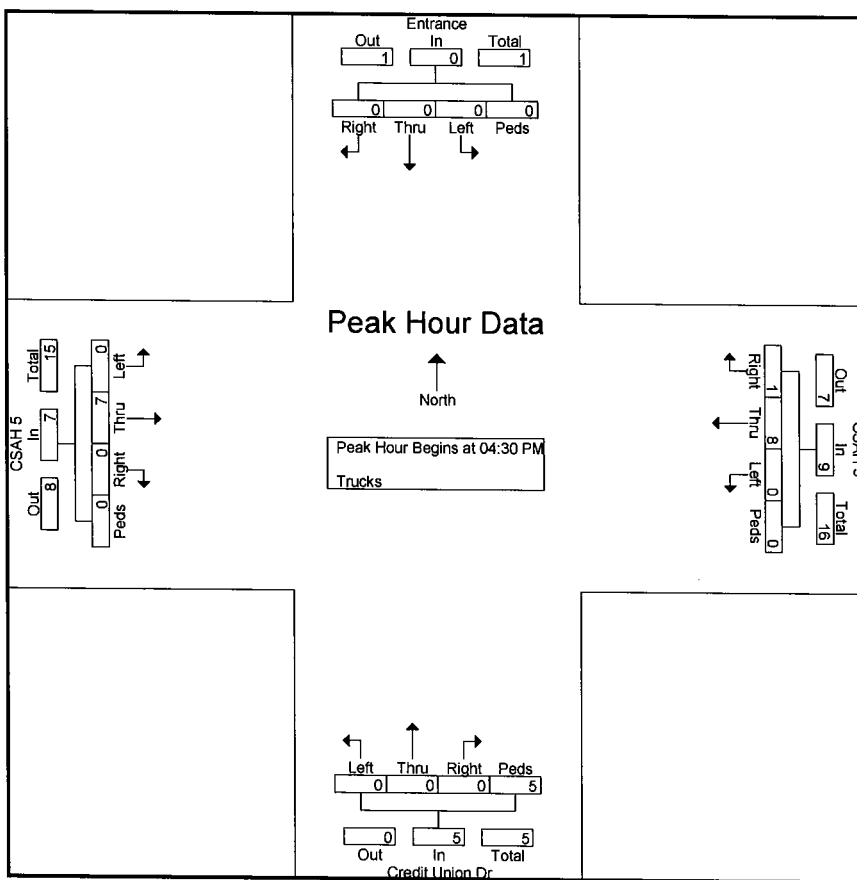


WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & Credit Union Dr
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & credit union dr
 Site Code : 3
 Start Date : 9/10/2019
 Page No : 4

	Entrance From North					CSAH 5 From East					Credit Union Dr From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	5	5	0	2	0	0	2	8
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
05:00 PM	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	1	0	0	1	5
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total Volume	0	0	0	0	0	1	8	0	0	9	0	0	0	5	5	0	7	0	0	7	21
% App. Total																					
PHF	.000	.000	.000	.000	.000	.250	.667	.000	.000	.563	.000	.000	.000	.250	.250	.000	.875	.000	.000	.875	.656



WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & e dual blvd
Site Code : 2
Start Date : 9/10/2019
Page No : 1

Groups Printed- Cars +

Start Time	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	7	0	13	0	20	2	29	0	0	31	0	0	0	0	0	0	112	11	0	123	174
06:15 AM	8	0	14	1	23	11	61	0	0	72	0	0	0	0	0	0	111	15	0	126	221
06:30 AM	8	0	25	0	33	10	42	0	0	52	0	0	0	0	0	0	129	22	0	151	236
06:45 AM	8	0	18	0	26	13	52	0	0	65	0	0	0	0	0	0	132	20	0	152	243
Total	31	0	70	1	102	36	184	0	0	220	0	0	0	0	0	0	484	68	0	552	874
07:00 AM	13	0	16	0	29	6	48	0	0	54	0	0	0	0	0	0	134	15	0	149	232
07:15 AM	8	0	20	0	28	10	73	0	0	83	0	0	0	0	0	0	147	13	0	160	271
07:30 AM	9	0	19	0	28	5	94	0	0	99	0	0	0	1	1	0	229	14	0	243	371
07:45 AM	13	0	11	0	24	15	143	0	0	158	0	0	0	0	0	0	157	14	0	171	353
Total	43	0	66	0	109	36	358	0	0	394	0	0	0	1	1	0	667	56	0	723	1227
08:00 AM	9	0	18	0	27	14	69	0	0	83	0	0	0	0	0	0	114	15	0	129	239
08:15 AM	13	0	13	0	26	12	55	0	0	67	0	0	0	0	0	0	101	15	0	116	209
08:30 AM	17	0	15	0	32	6	57	0	0	63	0	0	0	0	0	0	85	7	0	92	187
08:45 AM	10	0	15	0	25	3	49	0	0	52	0	0	0	0	0	0	89	8	0	97	174
Total	49	0	61	0	110	35	230	0	0	265	0	0	0	0	0	0	389	45	0	434	809
09:00 AM	6	0	28	0	34	2	64	0	0	66	0	0	0	0	0	0	92	13	0	105	205
09:15 AM	7	0	12	0	19	7	52	0	0	59	0	0	0	2	2	0	67	13	0	80	160
09:30 AM	10	0	10	0	20	5	49	0	0	54	0	0	0	0	0	0	76	3	1	80	154
09:45 AM	4	0	6	0	10	9	57	0	0	66	0	0	0	0	0	0	88	6	0	94	170
Total	27	0	56	0	83	23	222	0	0	245	0	0	0	2	2	0	323	35	1	359	689
10:00 AM	9	0	9	0	18	10	48	0	0	58	0	0	0	0	0	0	72	6	0	78	154
10:15 AM	16	0	15	0	31	8	50	0	0	58	0	0	0	0	0	0	74	11	0	85	174
10:30 AM	7	0	15	0	22	6	70	0	0	76	0	0	0	0	0	0	83	10	0	93	191
10:45 AM	9	0	10	0	19	9	86	0	0	95	0	0	0	0	0	0	88	9	0	97	211
Total	41	0	49	0	90	33	254	0	0	287	0	0	0	0	0	0	317	36	0	353	730
11:00 AM	12	0	10	0	22	11	66	0	0	77	0	0	0	0	0	0	89	6	0	95	194
11:15 AM	14	0	17	0	31	9	64	0	0	73	0	0	0	0	0	0	87	9	0	96	200
11:30 AM	15	0	17	0	32	9	66	0	0	75	0	0	0	0	0	0	82	9	0	91	198
11:45 AM	6	0	14	0	20	12	76	0	0	88	0	0	0	0	0	0	92	11	0	103	211
Total	47	0	58	0	105	41	272	0	0	313	0	0	0	0	0	0	350	35	0	385	803
12:00 PM	19	0	12	0	31	14	72	0	0	86	0	0	0	0	0	0	62	10	0	72	189
12:15 PM	13	0	25	0	38	15	77	0	0	92	0	0	0	0	0	0	88	8	0	96	226
12:30 PM	9	0	15	0	24	12	79	0	0	91	0	0	0	1	1	0	85	13	0	98	214
12:45 PM	11	0	14	0	25	8	82	0	0	90	0	0	0	0	0	0	95	13	0	108	223
Total	52	0	66	0	118	49	310	0	0	359	0	0	0	1	1	0	330	44	0	374	852
01:00 PM	8	0	14	0	22	16	68	0	0	84	0	0	0	0	0	0	81	9	1	91	197
01:15 PM	14	0	15	0	29	10	71	0	0	81	0	0	0	1	1	0	57	7	1	65	176
01:30 PM	9	0	13	0	22	12	84	0	0	96	0	0	0	1	1	0	93	4	0	97	216
01:45 PM	9	0	12	0	21	11	83	0	0	94	0	0	0	0	0	0	90	17	0	107	222
Total	40	0	54	0	94	49	306	0	0	355	0	0	0	2	2	0	321	37	2	360	811
02:00 PM	15	0	13	0	28	6	96	0	0	102	0	0	0	0	0	0	72	13	0	85	215
02:15 PM	7	0	11	0	18	8	94	0	0	102	0	0	0	1	1	0	87	6	0	93	214
02:30 PM	13	0	15	0	28	9	132	0	0	141	0	0	0	0	0	0	105	11	0	116	285
02:45 PM	16	0	15	0	31	9	113	0	0	122	0	0	0	0	0	0	91	11	0	102	255
Total	51	0	54	0	105	32	435	0	0	467	0	0	0	1	1	0	355	41	0	396	969
03:00 PM	20	0	11	0	31	8	137	0	0	145	0	0	0	0	0	0	157	13	0	170	346
03:15 PM	27	0	17	0	44	16	185	0	0	201	0	0	0	0	0	0	93	15	0	108	353
03:30 PM	17	0	27	0	44	13	164	0	0	177	0	0	0	0	0	0	110	10	0	120	341
03:45 PM	25	0	16	0	41	16	158	0	0	174	0	0	0	1	1	0	128	12	0	140	356
Total	89	0	71	0	160	53	644	0	0	697	0	0	0	1	1	0	488	50	0	538	1396

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & e dual blvd
Site Code : 2
Start Date : 9/10/2019
Page No : 2

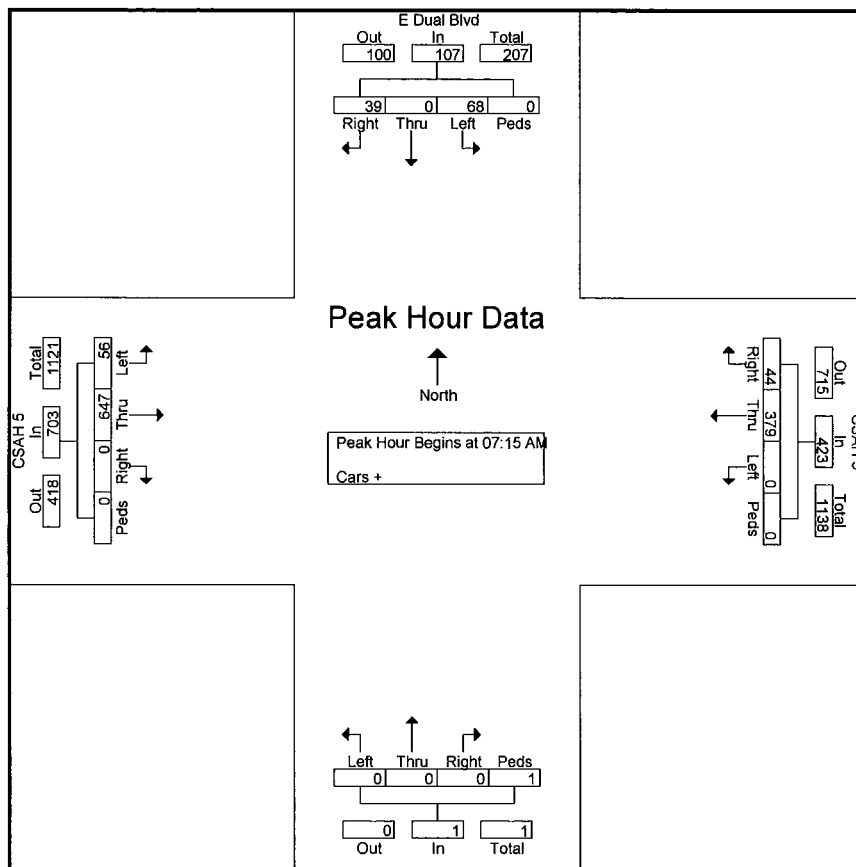
Groups Printed- Cars +																					
	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	18	0	18	1	37	11	170	0	0	181	0	0	0	0	0	0	124	10	1	135	353
04:15 PM	21	0	12	0	33	12	155	0	0	167	0	0	0	1	1	0	117	9	0	126	327
04:30 PM	21	0	13	0	34	12	206	0	0	218	0	0	0	0	0	0	112	15	0	127	379
04:45 PM	21	0	17	0	38	16	160	0	0	176	0	0	0	2	2	0	96	19	3	118	334
Total	81	0	60	1	142	51	691	0	0	742	0	0	0	3	3	0	449	53	4	506	1393
05:00 PM	21	0	12	0	33	8	158	0	0	166	0	0	0	1	1	0	101	20	0	121	321
05:15 PM	21	0	15	0	36	23	167	0	0	190	0	0	0	0	0	0	132	10	0	142	368
05:30 PM	26	0	11	1	38	22	154	0	0	176	0	0	0	0	0	0	130	20	1	151	365
05:45 PM	14	0	21	0	35	17	138	0	0	155	0	0	0	0	0	0	86	22	1	109	299
Total	82	0	59	1	142	70	617	0	0	687	0	0	0	1	1	0	449	72	2	523	1353
06:00 PM	24	0	15	1	40	18	122	0	0	140	0	0	0	0	0	0	92	12	1	105	285
06:15 PM	16	0	6	0	22	11	129	0	0	140	0	0	0	0	0	0	96	14	0	110	272
06:30 PM	17	0	11	1	29	21	120	0	0	141	0	0	0	1	1	0	104	5	1	110	281
06:45 PM	14	0	15	0	29	7	90	0	0	97	0	0	0	0	0	0	97	23	0	120	246
Total	71	0	47	2	120	57	461	0	0	518	0	0	0	1	1	0	389	54	2	445	1084
Grand Total	704	0	771	5	1480	565	4984	0	0	5549	0	0	0	13	13	0	5311	626	11	5948	12990
Apprch %	47.6	0	52.1	0.3		10.2	89.8	0	0		0	0	0	100		0	89.3	10.5	0.2		
Total %	5.4	0	5.9	0	11.4	4.3	38.4	0	0	42.7	0	0	0	0.1	0.1	0	40.9	4.8	0.1	45.8	

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & e dual blvd
 Site Code : 2
 Start Date : 9/10/2019
 Page No : 3

	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	8	0	20	0	28	10	73	0	0	83	0	0	0	0	0	0	147	13	0	160	271
07:30 AM	9	0	19	0	28	5	94	0	0	99	0	0	0	1	1	0	229	14	0	243	371
07:45 AM	13	0	11	0	24	15	143	0	0	158	0	0	0	0	0	0	157	14	0	171	353
08:00 AM	9	0	18	0	27	14	69	0	0	83	0	0	0	0	0	0	114	15	0	129	239
Total Volume	39	0	68	0	107	44	379	0	0	423	0	0	0	1	1	0	647	56	0	703	1234
% App. Total																					
PHF	.750	.000	.850	.000	.955	.733	.663	.000	.000	.669	.000	.000	.000	.250	.250	.000	.706	.933	.000	.723	.832

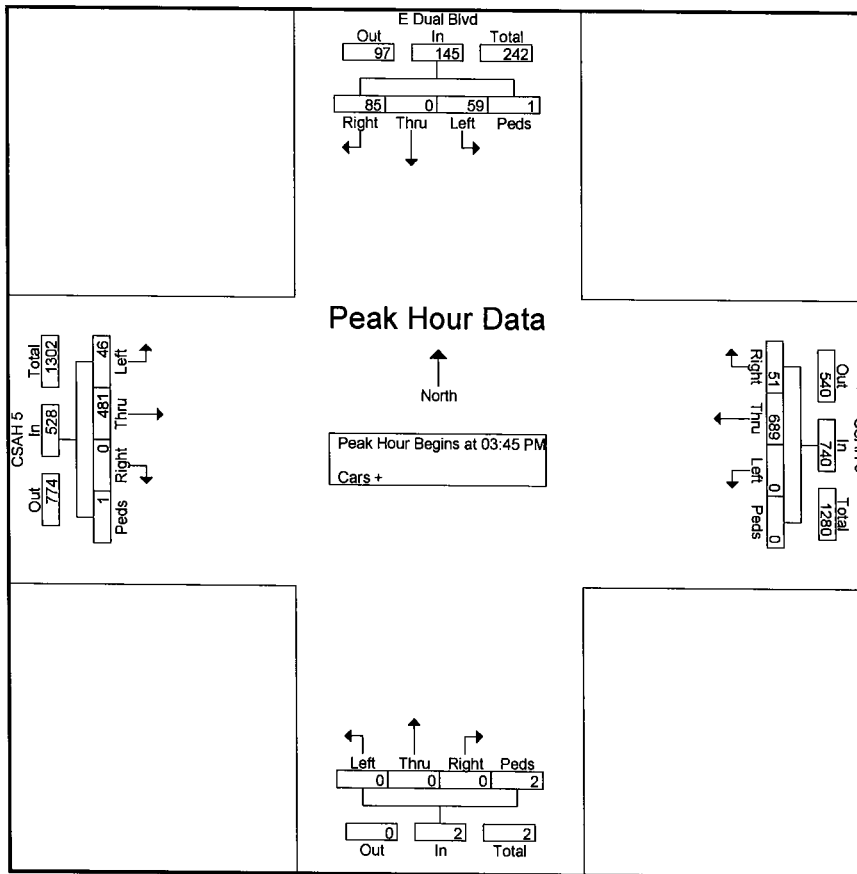


WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & e dual blvd
 Site Code : 2
 Start Date : 9/10/2019
 Page No : 4

	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	25	0	16	0	41	16	158	0	0	174	0	0	0	1	1	0	128	12	0	140	356
04:00 PM	18	0	18	1	37	11	170	0	0	181	0	0	0	0	0	0	124	10	1	135	353
04:15 PM	21	0	12	0	33	12	155	0	0	167	0	0	0	1	1	0	117	9	0	126	327
04:30 PM	21	0	13	0	34	12	206	0	0	218	0	0	0	0	0	0	112	15	0	127	379
Total Volume	85	0	59	1	145	51	689	0	0	740	0	0	0	2	2	0	481	46	1	528	1415
% App. Total																					
PHF	.850	.000	.819	.250	.884	.797	.836	.000	.000	.849	.000	.000	.000	.500	.500	.000	.939	.767	.250	.943	.933



WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
 6am - 7pm
 Isanti, MN
 60's

File Name : csah 5 & e dual blvd
 Site Code : 2
 Start Date : 9/10/2019
 Page No : 1

Groups Printed- Trucks

Start Time	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					Int. Total
	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	
06:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
06:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3
06:45 AM	0	0	1	0	1	1	3	0	0	4	0	0	0	0	0	0	2	0	0	2	7
Total	0	0	2	0	2	1	5	0	0	6	0	0	0	0	0	0	5	0	0	5	13
07:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	5
07:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	4
07:30 AM	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	2	0	0	2	4
07:45 AM	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	6
Total	0	0	4	0	4	1	2	0	0	3	0	0	0	0	0	0	10	1	1	12	19
08:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
08:15 AM	0	0	0	4	4	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	6
08:30 AM	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	3	3	0	6	9
08:45 AM	5	0	0	0	5	0	1	0	0	1	0	0	0	0	0	0	1	2	0	3	9
Total	6	0	0	4	10	0	6	0	0	6	0	0	0	0	0	0	5	5	0	10	26
09:00 AM	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	3	0	3	5
09:15 AM	4	0	0	0	4	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	7
09:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Total	5	0	2	0	7	1	2	0	0	3	0	0	0	0	0	0	1	4	0	5	15
10:00 AM	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	5	0	7	9
10:15 AM	4	0	0	0	4	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	7
10:30 AM	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	6
10:45 AM	2	0	0	0	2	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	5
Total	10	0	1	0	11	0	5	0	0	5	0	0	0	0	0	0	2	9	0	11	27
11:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	2
11:15 AM	2	0	0	0	2	2	1	0	0	3	0	0	0	0	0	0	0	1	0	1	6
11:30 AM	4	0	0	1	5	0	2	0	0	2	0	0	0	0	0	0	1	5	0	6	13
11:45 AM	2	0	1	0	3	0	4	0	0	4	0	0	0	0	0	0	2	1	0	3	10
Total	8	0	1	1	10	2	8	0	0	10	0	0	0	0	0	0	3	8	0	11	31
12:00 PM	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	4
12:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	5
12:30 PM	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	5
12:45 PM	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	3	1	0	4	8
Total	5	0	0	0	5	0	7	0	0	7	0	0	0	0	0	0	7	3	0	10	22
01:00 PM	3	0	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	2	0	2	6
01:15 PM	5	0	1	0	6	0	1	0	0	1	0	0	0	0	0	0	2	2	0	4	11
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
01:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	3	1	1	5	7
Total	9	0	1	0	10	1	1	0	0	2	0	0	0	1	1	0	5	6	1	12	25
02:00 PM	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	1	3	0	4	7
02:15 PM	3	0	1	0	4	0	3	0	0	3	0	0	0	0	0	0	3	2	0	5	12
02:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	3
02:45 PM	2	0	1	0	3	1	1	0	0	2	0	0	0	0	0	0	1	3	0	4	9
Total	7	0	2	0	9	1	7	0	0	8	0	0	0	0	0	0	5	9	0	14	31
03:00 PM	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	5
03:15 PM	1	0	2	0	3	2	0	0	0	2	0	0	0	0	0	0	1	1	0	2	7
03:30 PM	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	7
03:45 PM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	7	0	3	0	10	2	2	0	0	4	0	0	0	0	0	0	2	5	0	7	21

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & e dual blvd
Site Code : 2
Start Date : 9/10/2019
Page No : 2

Groups Printed- Trucks

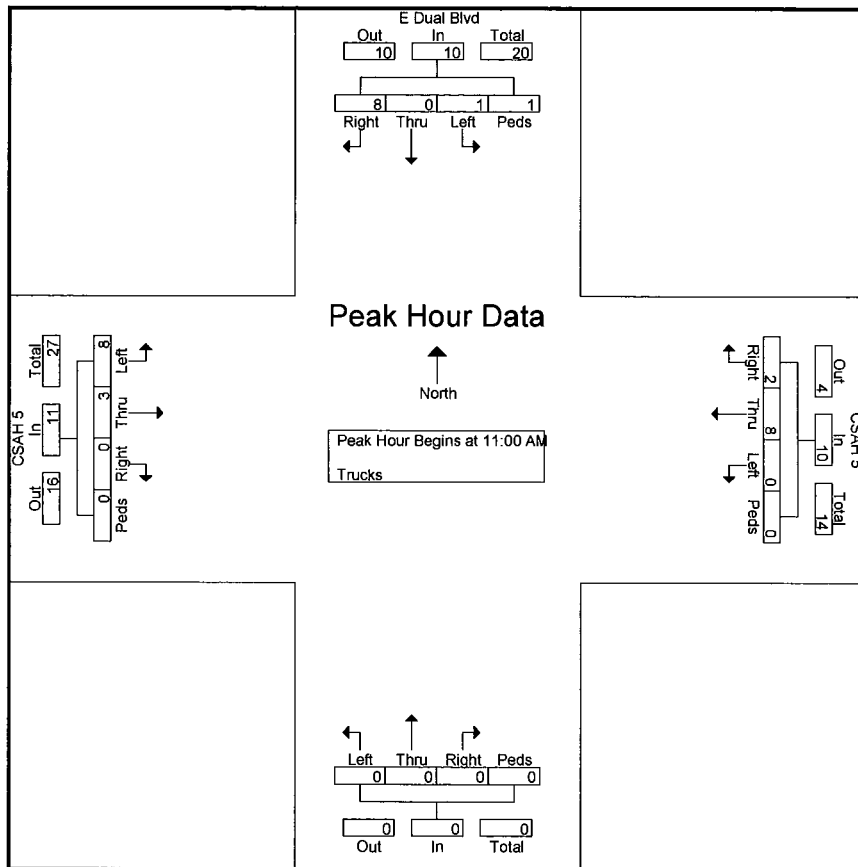
Start Time	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					Int. Total
	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	
04:00 PM	1	0	0	0	1	0	5	0	0	5	0	0	0	1	1	0	0	3	1	4	11
04:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	1	1	0	1	0	0	1	4
04:30 PM	0	0	0	3	3	0	0	0	0	0	0	0	0	5	5	0	2	0	3	5	13
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	1	0	0	3	4	0	9	0	0	9	0	0	0	7	7	0	5	3	4	12	32
05:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
05:15 PM	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	0	2	0	0	2	5
05:30 PM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	1	0	1	2	6	0	0	8	0	0	0	0	0	0	3	0	0	3	12
06:00 PM	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
06:45 PM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Total	0	0	0	2	2	1	0	0	0	1	0	0	0	0	0	0	2	0	0	2	5
Grand Total	58	0	17	10	85	12	60	0	0	72	0	0	0	8	8	0	55	53	6	114	279
Apprch %	68.2	0	20	11.8		16.7	83.3	0	0		0	0	0	100		0	48.2	46.5	5.3		
Total %	20.8	0	6.1	3.6	30.5	4.3	21.5	0	0	25.8	0	0	0	2.9	2.9	0	19.7	19	2.2	40.9	

WSB & Associates
701 Xenia Ave S
Minneapolis, MN

CSAH 5 & E Dual Blvd
6am - 7pm
Isanti, MN
60's

File Name : csah 5 & e dual blvd
Site Code : 2
Start Date : 9/10/2019
Page No : 3

	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:00 AM																					
11:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	2
11:15 AM	2	0	0	0	2	2	1	0	0	3	0	0	0	0	0	0	0	1	0	1	6
11:30 AM	4	0	0	1	5	0	2	0	0	2	0	0	0	0	0	0	1	5	0	6	13
11:45 AM	2	0	1	0	3	0	4	0	0	4	0	0	0	0	0	0	2	1	0	3	10
Total Volume	8	0	1	1	10	2	8	0	0	10	0	0	0	0	0	0	3	8	0	11	31
% App. Total																					
PHF	.500	.000	.250	.250	.500	.250	.500	.000	.000	.625	.000	.000	.000	.000	.000	.000	.375	.400	.000	.458	.596

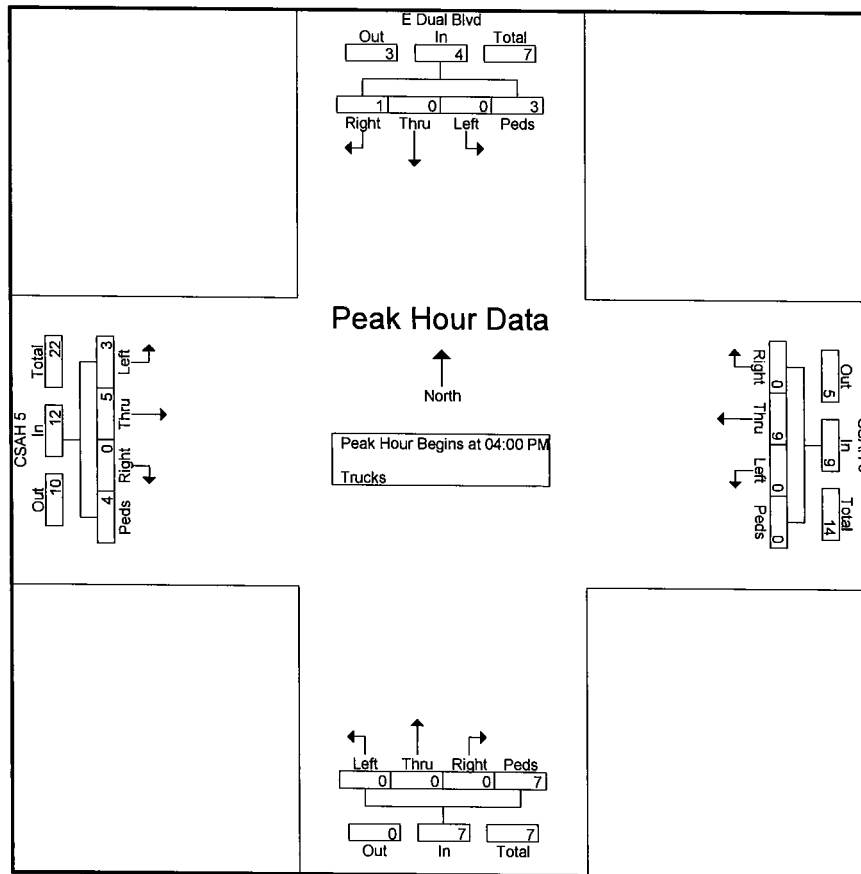


WSB & Associates
701 Xenia Ave S
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CSAH 5 & E Dual Blvd
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 Page No : 4

	E Dual Blvd From North					CSAH 5 From East					From South					CSAH 5 From West					
Start Time	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Right	Thru	Left	Bikes	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	1	0	0	0	1	0	5	0	0	5	0	0	0	1	1	0	0	3	1	4	11
04:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	1	1	0	1	0	0	1	4
04:30 PM	0	0	0	3	3	0	0	0	0	0	0	0	0	5	5	0	2	0	3	5	13
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total Volume	1	0	0	3	4	0	9	0	0	9	0	0	0	7	7	0	5	3	4	12	32
% App. Total																					
PHF	.250	.000	.000	.250	.333	.000	.450	.000	.000	.450	.000	.000	.000	.350	.350	.000	.625	.250	.333	.600	.615



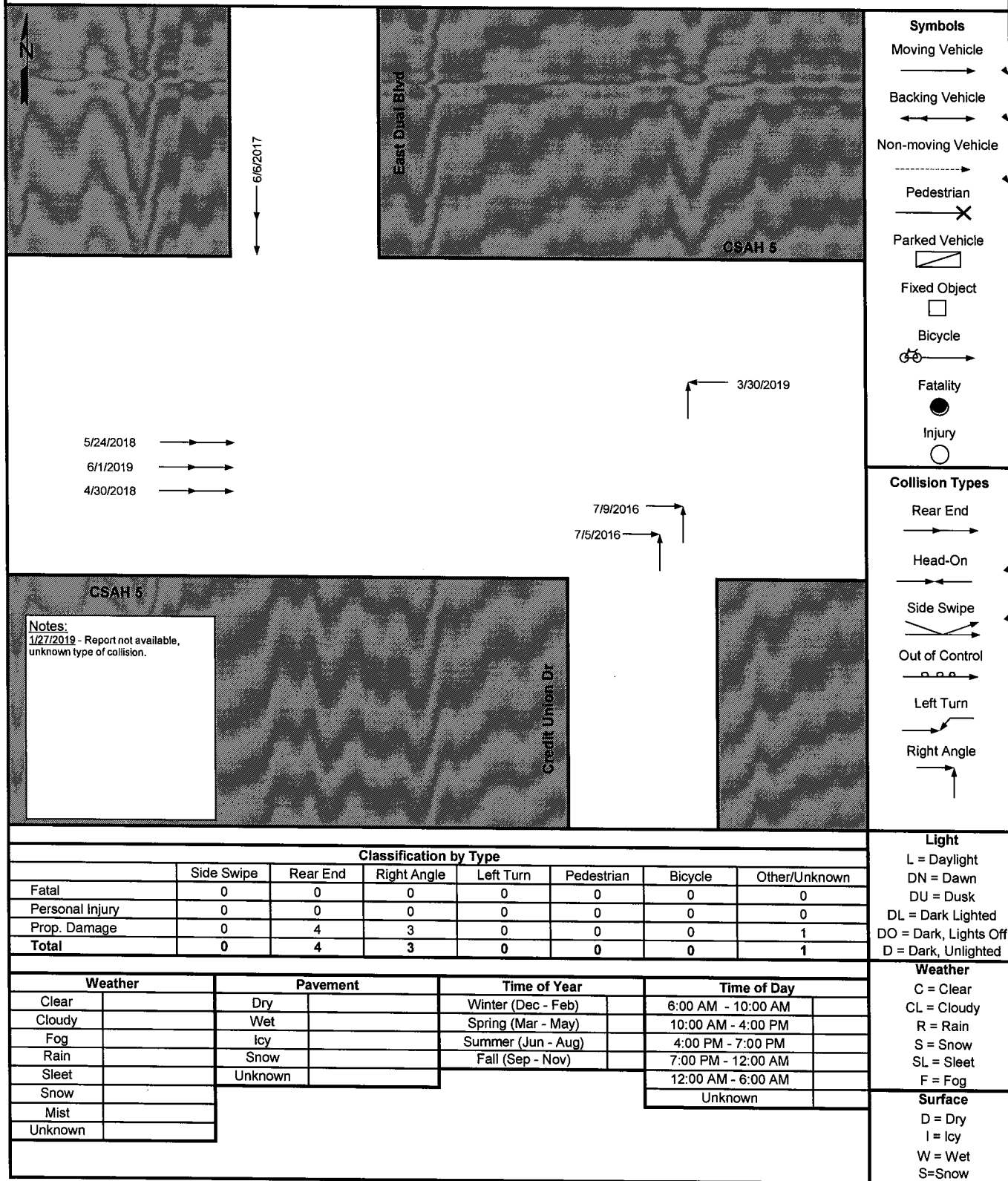
APPENDIX B

Crash Diagrams

Crash Diagram

CSAH 5 & East Dual Blvd/Credit Union Dr, Isanti County, MN

July 2016 - June 2019



APPENDIX C

Traffic Signal Warrant Analysis



SIGNAL WARRANTS ANALYSIS

Year: 2019
Condition: Thru-Stop (combined intersections)

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 1 - EIGHT HOUR VOLUME

	Speed	Approach Description	Lanes
POPULATION < 10,000?	Yes	30 Major App 1 CSAH 5 (EB)	2
0.70 FACTOR USED?	Yes	30 Major App 3 CSAH 5 (WB)	2
EXISTING SIGNAL ?	No	30 Minor App 2 Credit Union Dr (NB)	1
0.80 FACTOR USED?	No	30 Minor App 4 E Dual Blvd (SB)	1

Notes:

THRESHOLDS 1A/1B/1C: 420/630 105/53 105/53 336/504 84/42 84/42													
HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 1A/1B	MINOR 2 1A/1B	MINOR 4 1A/1B	MET SAME 1A/1B	MAJOR 1C A/B	MINOR 2 1C A/B	MINOR 4 1C A/B	MET SAME 1C (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
6:00 AM - 7:00 AM	557	294	851	10	103	X/X	/	/X	/X	X/X	/	X/X	X/X
7:00 AM - 8:00 AM	734	491	1225	57	113	X/X	/X	X/X	X/X	X/X	/X	X/X	X/X
8:00 AM - 9:00 AM	444	334	778	47	116	X/X	/	X/X	X/X	X/X	/X	X/X	X/X
9:00 AM - 10:00 AM	363	289	652	69	90	X/X	/X	/X	/X	X/X	/X	X/X	X/X
10:00 AM - 11:00 AM	364	337	701	83	101	X/X	/X	/X	/X	X/X	/X	X/X	X/X
11:00 AM - 12:00 PM	396	398	794	96	114	X/X	/X	X/X	X/X	X/X	X/X	X/X	X/X
12:00 PM - 1:00 PM	384	428	812	95	123	X/X	/X	X/X	X/X	X/X	X/X	X/X	X/X
1:00 PM - 2:00 PM	369	406	775	105	104	X/X	X/X	/X	X/X	X/X	X/X	X/X	X/X
2:00 PM - 3:00 PM	410	550	960	107	114	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X
3:00 PM - 4:00 PM	545	804	1349	106	170	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X
4:00 PM - 5:00 PM	510	851	1361	108	142	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X
5:00 PM - 6:00 PM	524	785	1309	87	142	X/X	/X	X/X	X/X	X/X	X/X	X/X	X/X
6:00 PM - 7:00 PM	445	598	1043	81	118	X/X	/X	X/X	X/X	X/X	/X	X/X	X/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/

	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 1A	10	8	Satisfied
Warrant 1B	13	8	Satisfied
Warrant 1C (Cond A)	13	8	Satisfied
Warrant 1C (Cond B)	13	8	

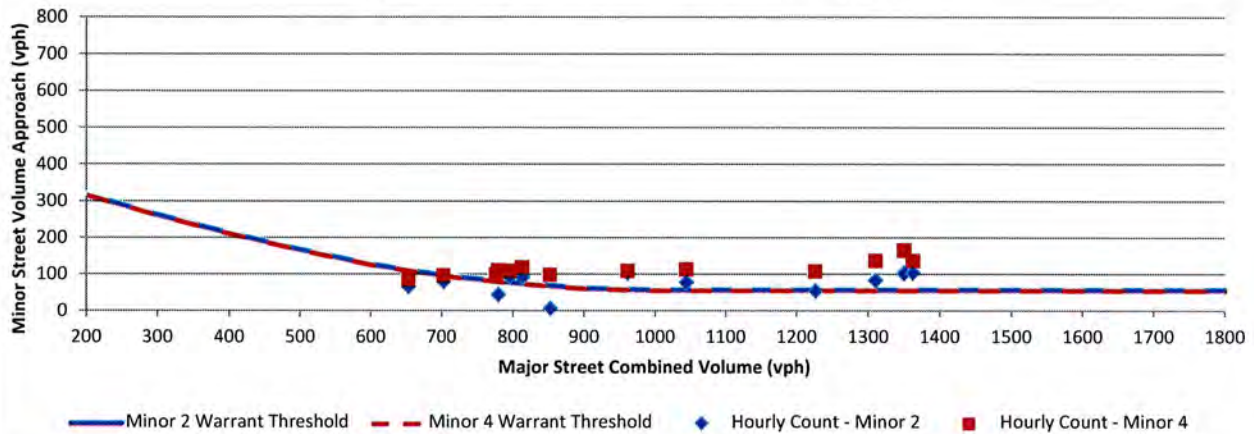
LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

		Speed	Approach Description	Lanes
0.70 FACTOR USED?	Yes	30	Major App1: CSAH 5 (EB)	2
POPULATION < 10,000?	Yes	30	Major App3: CSAH 5 (WB)	2
		30	Minor App2: Credit Union Dr (NB)	1
		30	Minor App4: E Dual Blvd (SB)	1

Notes:

WARRANT 2 - FOUR HOUR VOLUME

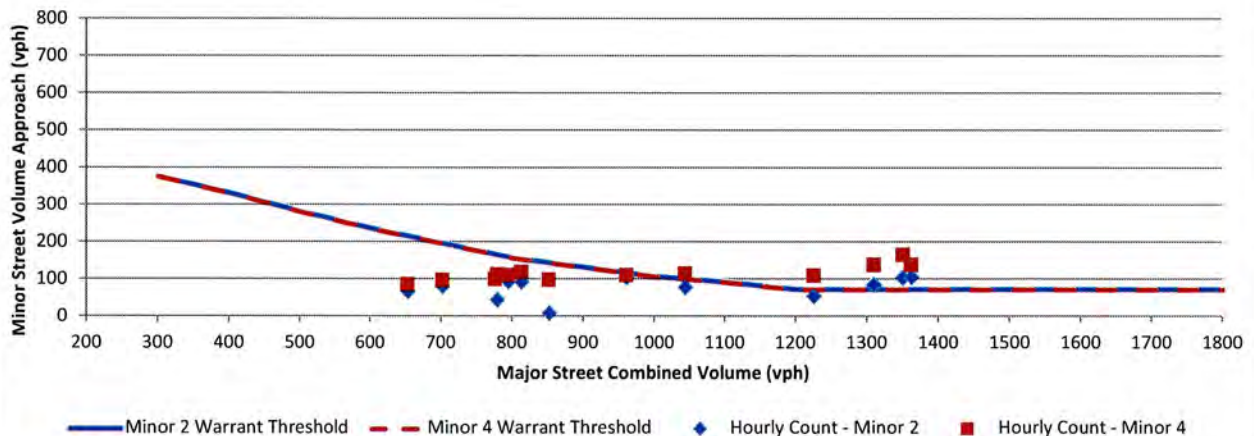
Figure 1: Four-Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 2	12	4	Satisfied

WARRANT 3 - PEAK HOUR VOLUME

Figure 2: Peak Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 3	5	1	Satisfied

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 4 - PEDESTRIAN VOLUME

0.70 FACTOR USED? Yes
POPULATION < 10,000? Yes

Speed	Approach Description
30	Major App1: CSAH 5 (EB)
30	Major App3: CSAH 5 (WB)
30	Minor App2: Credit Union Dr (NB)
30	Minor App4: E Dual Blvd (SB)

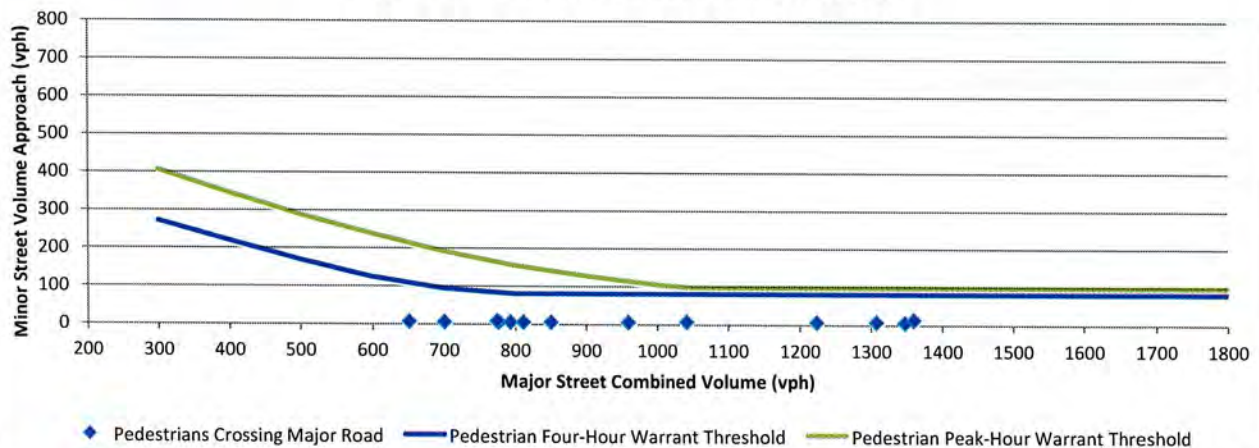
HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	PEDS X-ING MAJOR
12:00 AM - 1:00 AM	0	0	0	0
1:00 AM - 2:00 AM	0	0	0	0
2:00 AM - 3:00 AM	0	0	0	0
3:00 AM - 4:00 AM	0	0	0	0
4:00 AM - 5:00 AM	0	0	0	0
5:00 AM - 6:00 AM	0	0	0	0
6:00 AM - 7:00 AM	557	294	851	0
7:00 AM - 8:00 AM	734	491	1225	1
8:00 AM - 9:00 AM	444	334	778	0
9:00 AM - 10:00 AM	363	289	652	1
10:00 AM - 11:00 AM	364	337	701	0
11:00 AM - 12:00 PM	396	398	794	0
12:00 PM - 1:00 PM	384	428	812	0
1:00 PM - 2:00 PM	369	406	775	3
2:00 PM - 3:00 PM	410	550	960	0
3:00 PM - 4:00 PM	545	804	1349	0
4:00 PM - 5:00 PM	510	851	1361	8
5:00 PM - 6:00 PM	524	785	1309	2
6:00 PM - 7:00 PM	445	598	1043	2
7:00 PM - 8:00 PM	0	0	0	0
8:00 PM - 9:00 PM	0	0	0	0
9:00 PM - 10:00 PM	0	0	0	0
10:00 PM - 11:00 PM	0	0	0	0
11:00 PM - 12:00 AM	0	0	0	0

	Met (Hr)	Required (Hr)
Warrant 4 (4-Hour Pedestrian Vol.)	0	4
Warrant 4 (Peak Pedestrian Vol.)	0	1

Is crossing within 300' of other signal or stop sign controlling the major approach?	No
If Yes, will proposed signal inhibit the progression of traffic on the major approach?	N/A

Warrant 4 Satisfied?	Not Satisfied
----------------------	---------------

Figure 3: Pedestrian Warrant Analysis



LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

Page 4

WARRANT 5 - SCHOOL CROSSING

Is the principal reason for the signal to accommodate the movement of schoolchildren across the major road?

No

Are there at least 20 schoolchildren crossing the major road in the highest crossing hour?

N/A

If both above questions are answered yes, calculate the available gaps below:

Are needed gaps greater than available gaps?

N/A

Is crossing within 300' of other signal or stop sign controlling the major approach?

N/A

If Yes, will proposed signal inhibit the progression of traffic on the major approach?

N/A

Warrant 5 met?

No

WARRANT 6 - COORDINATED SIGNAL SYSTEM

Part A

Is the street a one-way street or a street that has traffic predominately in one direction?

No

Do adjacent traffic control signals provide adequate platooning?

N/A

Part B

Is the street a two-way street?

Yes

Do adjacent traffic control signals provide adequate platooning?

Yes

Will proposed signal provide for progressive operation of traffic?

N/A

Will proposed signal spacing be less than 1000 feet?

N/A

Provide proof of platooning issues:

N/A

Warrant 6 met?

No

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 7 - CRASH EXPERIENCE

THRESHOLDS 1A/1B/1C: 336/504 84/42 84/42

HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 7 A/B	MINOR 2 7 A/B	MINOR 4 7 A/B	MET SAME 7 (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/
6:00 AM - 7:00 AM	557	10	567	294	103	X/X	/	X/X	X/X
7:00 AM - 8:00 AM	734	57	791	491	113	X/X	/X	X/X	X/X
8:00 AM - 9:00 AM	444	47	491	334	116	X/X	/X	X/X	X/X
9:00 AM - 10:00 AM	363	69	432	289	90	X/X	/X	X/X	X/X
10:00 AM - 11:00 AM	364	83	447	337	101	X/X	/X	X/X	X/X
11:00 AM - 12:00 PM	396	96	492	398	114	X/X	X/X	X/X	X/X
12:00 PM - 1:00 PM	384	95	479	428	123	X/X	X/X	X/X	X/X
1:00 PM - 2:00 PM	369	105	474	406	104	X/X	X/X	X/X	X/X
2:00 PM - 3:00 PM	410	107	517	550	114	X/X	X/X	X/X	X/X
3:00 PM - 4:00 PM	545	106	651	804	170	X/X	X/X	X/X	X/X
4:00 PM - 5:00 PM	510	108	618	851	142	X/X	X/X	X/X	X/X
5:00 PM - 6:00 PM	524	87	611	785	142	X/X	X/X	X/X	X/X
6:00 PM - 7:00 PM	445	81	526	598	118	X/X	/X	X/X	X/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/

	Met (Hr)	Required (Hr)
Warrant 7 (Cond A)	13	8
Warrant 7 (Cond B)	13	8

Has there been an adequate trial of alternatives that has failed to reduce the crash frequency?

No

Crash History (within a 12-month period)

	Number of Crashes:
Right Angle:	2
Left Turn:	
Pedestrian:	

TOTAL:
Required:

2
5

Warrant 7 met?

No

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 8 - ROADWAY NETWORK

Part of street or highway system that serves as the principal roadway network for through traffic flow
Rural or suburban highway outside, entering, or traversing a city
Appears as a major route on an official plan

Major Approach Road	Minor Approach Road
No	No
No	No
No	No

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per
Does the intersection have 5-Year projected traffic volumes that meet Warrants 1, 2, or 3?

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per

Warrant 8 met?

WARRANT 9 - INTERSECTION NEAR GRADE CROSSING

Is the principal reason for installation of a signal the proximity of the intersection to a grade crossing controlled by a stop or yield control?

Is the center of the railroad track less than 140 feet from the stop line or yield line?

Clear storage distance (closest to)

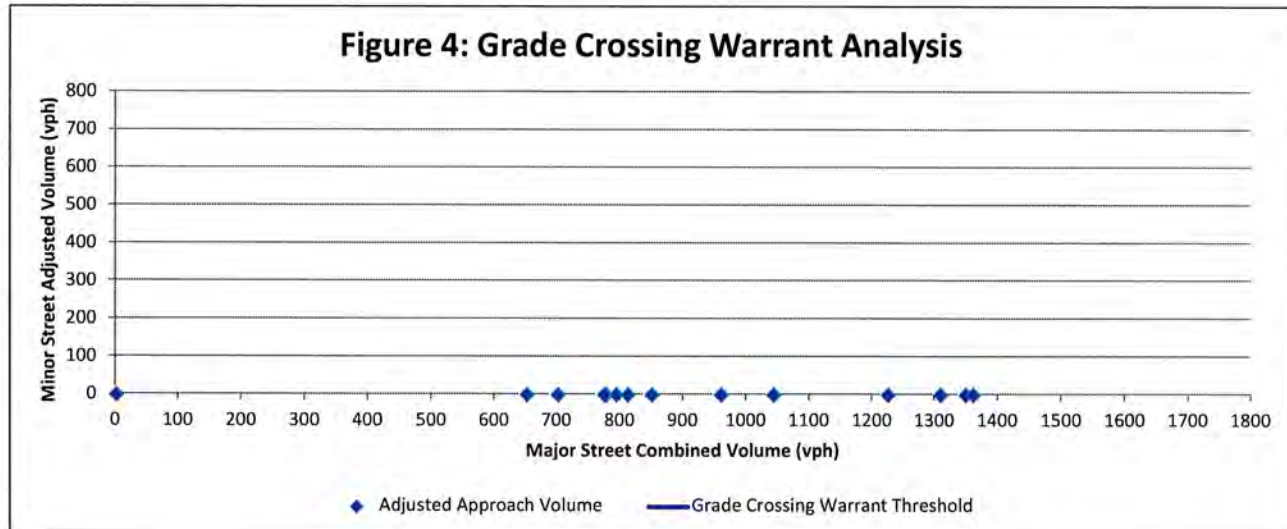
Approach crossing grade

Rail traffic per day

Percent of high-occupancy buses on minor-street approach

Percent of tractor-trailer trucks on minor-street approach

Figure 4: Grade Crossing Warrant Analysis



	Met (Hr)	Required (Hr)
Warrant 9	0	1

Warrant 9 met?

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
 COUNTY: Isanti
 REF. POINT:
 DATE: 9/27/2019
 OPERATOR: Mallori

WARRANT SUMMARY

Warrant 1	Met
Condition A	Met
Condition B	Met
Condition C	Met
Warrant 2	Met
Warrant 3	Met
Warrant 4	Not Met
Warrant 5	Not Met
Warrant 6	Not Met
Warrant 7	Not Met
Warrant 8	Not Met
Warrant 9	Not Met

Notes:

Warrant	Condition A	Condition B	Condition C	Notes
1	Met	Met	Met	
2	Met	Met	Met	
3	Met	Met	Met	
4	Not Met	Not Met	Not Met	
5	Not Met	Not Met	Not Met	
6	Not Met	Not Met	Not Met	
7	Not Met	Not Met	Not Met	
8	Not Met	Not Met	Not Met	
9	Not Met	Not Met	Not Met	



SIGNAL WARRANTS ANALYSIS

Year: 2019
Condition: Thru-Stop

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 1 - EIGHT HOUR VOLUME

	Speed	Approach Description	Lanes
POPULATION < 10,000?	Yes	30 Major App 1 CSAH 5 (EB)	2
0.70 FACTOR USED?	Yes	30 Major App 3 CSAH 5 (WB)	2
EXISTING SIGNAL ?	No	0 Minor App 2 (NB)	0
0.80 FACTOR USED?	No	30 Minor App 4 E Dual Blvd (SB)	1

Notes:

HOUR	THRESHOLDS 1A/1B/1C: 420/630 105/53 105/53 336/504 84/42 84/42												
	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 1A/1B	MINOR 2 1A/1B	MINOR 4 1A/1B	MET SAME 1A/1B	MAJOR 1C A/B	MINOR 2 1C A/B	MINOR 4 1C A/B	MET SAME 1C (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
6:00 AM - 7:00 AM	557	294	851	0	103	X/X	/	/X	/X	X/X	/	X/X	X/X
7:00 AM - 8:00 AM	734	491	1225	0	113	X/X	/	X/X	X/X	X/X	/	X/X	X/X
8:00 AM - 9:00 AM	444	334	778	0	116	X/X	/	X/X	X/X	X/X	/	X/X	X/X
9:00 AM - 10:00 AM	363	289	652	0	90	X/X	/	/X	/X	X/X	/	X/X	X/X
10:00 AM - 11:00 AM	364	337	701	0	101	X/X	/	/X	/X	X/X	/	X/X	X/X
11:00 AM - 12:00 PM	396	398	794	0	114	X/X	/	X/X	X/X	X/X	/	X/X	X/X
12:00 PM - 1:00 PM	384	428	812	0	123	X/X	/	X/X	X/X	X/X	/	X/X	X/X
1:00 PM - 2:00 PM	369	406	775	0	104	X/X	/	/X	/X	X/X	/	X/X	X/X
2:00 PM - 3:00 PM	410	550	960	0	114	X/X	/	X/X	X/X	X/X	/	X/X	X/X
3:00 PM - 4:00 PM	545	804	1349	0	170	X/X	/	X/X	X/X	X/X	/	X/X	X/X
4:00 PM - 5:00 PM	510	851	1361	0	142	X/X	/	X/X	X/X	X/X	/	X/X	X/X
5:00 PM - 6:00 PM	524	785	1309	0	142	X/X	/	X/X	X/X	X/X	/	X/X	X/X
6:00 PM - 7:00 PM	445	598	1043	0	118	X/X	/	X/X	X/X	X/X	/	X/X	X/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/

	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 1A	9	8	Satisfied
Warrant 1B	13	8	Satisfied
Warrant 1C (Cond A)	13	8	Satisfied
Warrant 1C (Cond B)	13	8	

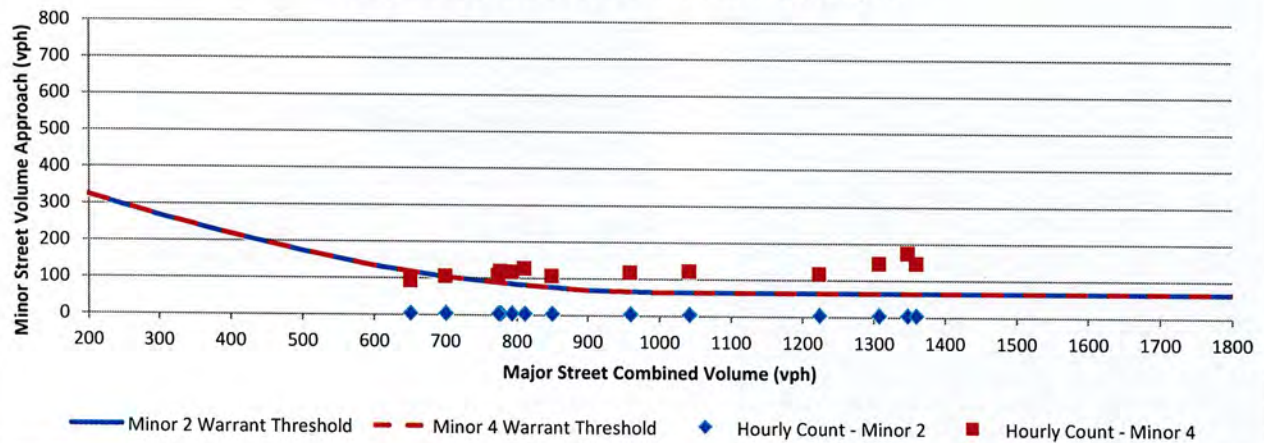
LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

		Speed	Approach Description	Lanes
0.70 FACTOR USED?	Yes	30	Major App1: CSAH 5 (EB)	2
POPULATION < 10,000?	Yes	30	Major App3: CSAH 5 (WB)	2
		0	Minor App2: (NB)	0
		30	Minor App4: E Dual Blvd (SB)	1

Notes:

WARRANT 2 - FOUR HOUR VOLUME

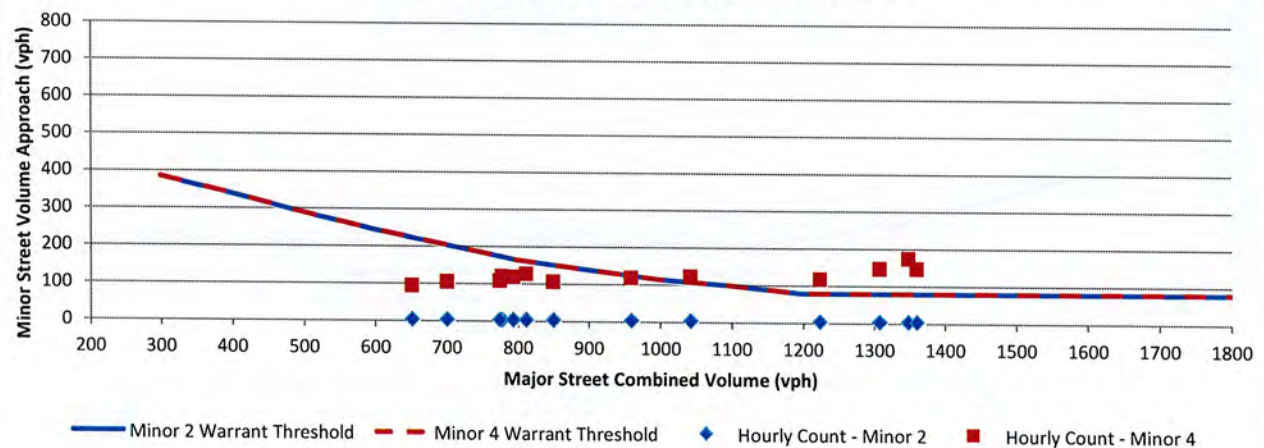
Figure 1: Four-Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 2	12	4	Satisfied

WARRANT 3 - PEAK HOUR VOLUME

Figure 2: Peak Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 3	5	1	Satisfied

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 4 - PEDESTRIAN VOLUME

		Speed	Approach Description
0.70 FACTOR USED?	Yes	30	Major App1: CSAH 5 (EB)
POPULATION < 10,000?	Yes	30	Major App3: CSAH 5 (WB)
		0	Minor App2: (NB)
		30	Minor App4: E Dual Blvd (SB)

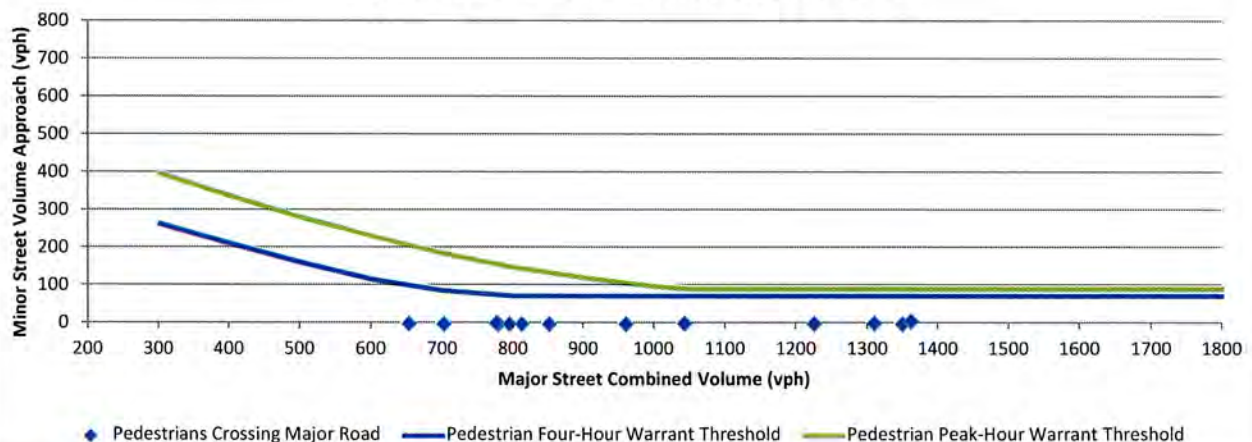
HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	PEDS X-ING MAJOR
12:00 AM - 1:00 AM	0	0	0	0
1:00 AM - 2:00 AM	0	0	0	0
2:00 AM - 3:00 AM	0	0	0	0
3:00 AM - 4:00 AM	0	0	0	0
4:00 AM - 5:00 AM	0	0	0	0
5:00 AM - 6:00 AM	0	0	0	0
6:00 AM - 7:00 AM	557	294	851	0
7:00 AM - 8:00 AM	734	491	1225	1
8:00 AM - 9:00 AM	444	334	778	0
9:00 AM - 10:00 AM	363	289	652	1
10:00 AM - 11:00 AM	364	337	701	0
11:00 AM - 12:00 PM	396	398	794	0
12:00 PM - 1:00 PM	384	428	812	0
1:00 PM - 2:00 PM	369	406	775	3
2:00 PM - 3:00 PM	410	550	960	0
3:00 PM - 4:00 PM	545	804	1349	0
4:00 PM - 5:00 PM	510	851	1361	8
5:00 PM - 6:00 PM	524	785	1309	2
6:00 PM - 7:00 PM	445	598	1043	2
7:00 PM - 8:00 PM	0	0	0	0
8:00 PM - 9:00 PM	0	0	0	0
9:00 PM - 10:00 PM	0	0	0	0
10:00 PM - 11:00 PM	0	0	0	0
11:00 PM - 12:00 AM	0	0	0	0

	Met (Hr)	Required (Hr)
Warrant 4 (4-Hour Pedestrian Vol.)	0	4
Warrant 4 (Peak Pedestrian Vol.)	0	1

Is crossing within 300' of other signal or stop sign controlling the major approach?	No
If Yes, will proposed signal inhibit the progression of traffic on the major approach?	N/A

Warrant 4 Satisfied?	Not Satisfied
----------------------	---------------

Figure 3: Pedestrian Warrant Analysis



Page 4

Is the principal reason for the signal to accommodate the movement of schoolchildren across the major road?

No

N/A

--

N/A

N/A

N/A

No

No

N/A

Yes

Yes

N/A

N/A

N/A

No

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 7 - CRASH EXPERIENCE

THRESHOLDS 1A/1B/1C: 336/504 84/42 84/42

HOURLY	MAJOR APP. 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 7 A/B	MINOR 2 7 A/B	MINOR 4 7 A/B	MET SAME 7 (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/
6:00 AM - 7:00 AM	557	0	557	294	103	X/X	/	X/X	X/X
7:00 AM - 8:00 AM	734	0	734	491	113	X/X	/	X/X	X/X
8:00 AM - 9:00 AM	444	0	444	334	116	X/X	/	X/X	X/X
9:00 AM - 10:00 AM	363	0	363	289	90	X/X	/	X/X	X/X
10:00 AM - 11:00 AM	364	0	364	337	101	X/X	/	X/X	X/X
11:00 AM - 12:00 PM	396	0	396	398	114	X/X	/	X/X	X/X
12:00 PM - 1:00 PM	384	0	384	428	123	X/X	/	X/X	X/X
1:00 PM - 2:00 PM	369	0	369	406	104	X/X	/	X/X	X/X
2:00 PM - 3:00 PM	410	0	410	550	114	X/X	/	X/X	X/X
3:00 PM - 4:00 PM	545	0	545	804	170	X/X	/	X/X	X/X
4:00 PM - 5:00 PM	510	0	510	851	142	X/X	/	X/X	X/X
5:00 PM - 6:00 PM	524	0	524	785	142	X/X	/	X/X	X/X
6:00 PM - 7:00 PM	445	0	445	598	118	X/X	/	X/X	X/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/

	Met (Hr)	Required (Hr)
Warrant 7 (Cond A)	13	8
Warrant 7 (Cond B)	13	8

Has there been an adequate trial of alternatives that has failed to reduce the crash frequency?

No

Crash History (within a 12-month period)

	Number of Crashes:	
Right Angle:	2	TOTAL: 2
Left Turn:		Required: 5
Pedestrian:		

Warrant 7 met?

No

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 8 - ROADWAY NETWORK

Part of street or highway system that serves as the principal roadway network for through traffic flow
Rural or suburban highway outside, entering, or traversing a city
Appears as a major route on an official plan

Major Approach Road	Minor Approach Road
No	No
No	No
No	No

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per
Does the intersection have 5-Year projected traffic volumes that meet Warrants 1, 2, or 3?

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per
Warrant 8 met?

WARRANT 9 - INTERSECTION NEAR GRADE CROSSING

Is the principal reason for installation of a signal the proximity of the intersection to a grade crossing controlled by a stop or yield control?

Is the center of the railroad track less than 140 feet from the stop line or yield line?

Clear storage distance (closest to)

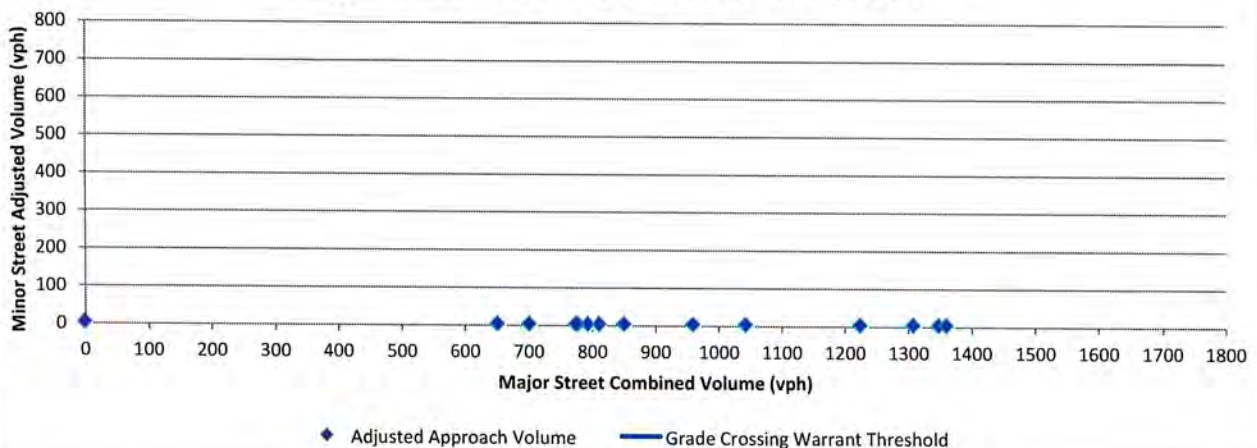
Approach crossing grade

Rail traffic per day

Percent of high-occupancy buses on minor-street approach

Percent of tractor-trailer trucks on minor-street approach

Figure 4: Grade Crossing Warrant Analysis



	Met (Hr)	Required (Hr)
Warrant 9	0	1

Warrant 9 met?

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

Page 7

WARRANT SUMMARY

Warrant 1	Met
Condition A	Met
Condition B	Met
Condition C	Met
Warrant 2	Met
Warrant 3	Met
Warrant 4	Not Met
Warrant 5	Not Met
Warrant 6	Not Met
Warrant 7	Not Met
Warrant 8	Not Met
Warrant 9	Not Met

Notes:



SIGNAL WARRANTS ANALYSIS

Year: 2019
Condition: Thru-Stop

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 1 - EIGHT HOUR VOLUME

	Speed	Approach Description	Lanes
POPULATION < 10,000?	Yes	30 Major App 1 CSAH 5 (EB)	3
0.70 FACTOR USED?	Yes	30 Major App 3 CSAH 5 (WB)	2
EXISTING SIGNAL ?	No	30 Minor App 2 Credit Union Dr (NB)	1
0.80 FACTOR USED?	No	30 Minor App 4 Kwik Trip (SB)	1

Notes:

HOUR	THRESHOLDS 1A/1B/1C: 420/630 105/53 105/53 336/504 84/42 84/42												
	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 1A/1B	MINOR 2 1A/1B	MINOR 4 1A/1B	MET SAME 1A/1B	MAJOR 1C A/B	MINOR 2 1C A/B	MINOR 4 1C A/B	MET SAME 1C (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/
6:00 AM - 7:00 AM	529	288	817	9	5	X/X	/	/	/	X/X	/	/	/
7:00 AM - 8:00 AM	713	488	1201	57	0	X/X	/X	/	/X	X/X	/X	/	/X
8:00 AM - 9:00 AM	415	325	740	47	1	X/X	/	/	/	X/X	/X	/	/X
9:00 AM - 10:00 AM	344	286	630	69	4	X/X	/X	/	/X	X/X	/X	/	/X
10:00 AM - 11:00 AM	321	331	652	83	1	X/X	/X	/	/X	X/X	/X	/	/X
11:00 AM - 12:00 PM	351	388	739	95	5	X/X	/X	/	/X	X/X	X/X	/	X/X
12:00 PM - 1:00 PM	344	420	764	95	1	X/X	/X	/	/X	X/X	X/X	/	X/X
1:00 PM - 2:00 PM	323	403	726	104	2	X/X	/X	/	/X	X/X	X/X	/	X/X
2:00 PM - 3:00 PM	362	544	906	107	2	X/X	X/X	/	X/X	X/X	X/X	/	X/X
3:00 PM - 4:00 PM	512	800	1312	106	3	X/X	X/X	/	X/X	X/X	X/X	/	X/X
4:00 PM - 5:00 PM	455	842	1297	108	2	X/X	X/X	/	X/X	X/X	X/X	/	X/X
5:00 PM - 6:00 PM	462	777	1239	87	1	X/X	/X	/	/X	X/X	X/X	/	X/X
6:00 PM - 7:00 PM	375	595	970	81	5	X/X	/X	/	/X	X/X	/X	/	/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/	/	/	/	/

	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 1A	3	8	Not Satisfied
Warrant 1B	11	8	Satisfied
Warrant 1C (Cond A)	7	8	Not Satisfied
Warrant 1C (Cond B)	12	8	

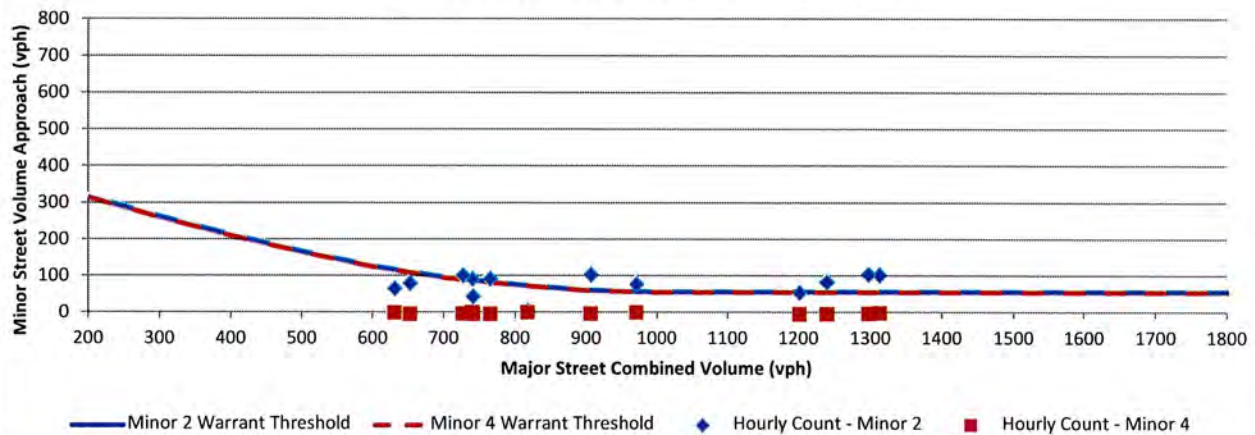
LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

		Speed	Approach Description	Lanes
0.70 FACTOR USED?	Yes	30	Major App1: CSAH 5 (EB)	3
POPULATION < 10,000?	Yes	30	Major App3: CSAH 5 (WB)	2
		30	Minor App2: Credit Union Dr (NB)	1
		30	Minor App4: Kwik Trip (SB)	1

Notes:

WARRANT 2 - FOUR HOUR VOLUME

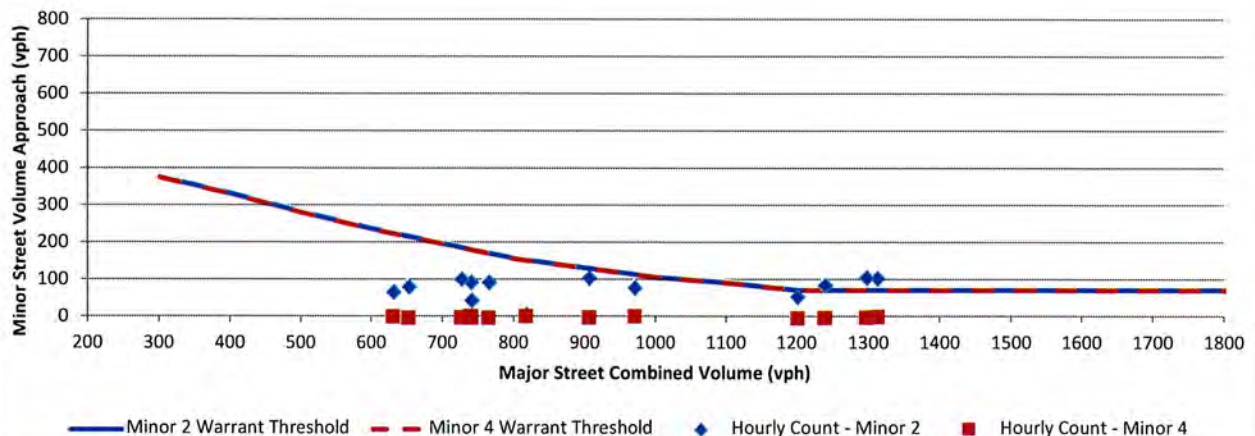
Figure 1: Four-Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 2	8	4	Satisfied

WARRANT 3 - PEAK HOUR VOLUME

Figure 2: Peak Hour Warrant Analysis



	Met (Hr)	Required (Hr)	Warrant Satisfied?
Warrant 3	3	1	Satisfied

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 4 - PEDESTRIAN VOLUME

0.70 FACTOR USED? Yes
POPULATION < 10,000? Yes

Speed	Approach Description
30	Major App1: CSAH 5 (EB)
30	Major App3: CSAH 5 (WB)
30	Minor App2: Credit Union Dr (NB)
30	Minor App4: Kwik Trip (SB)

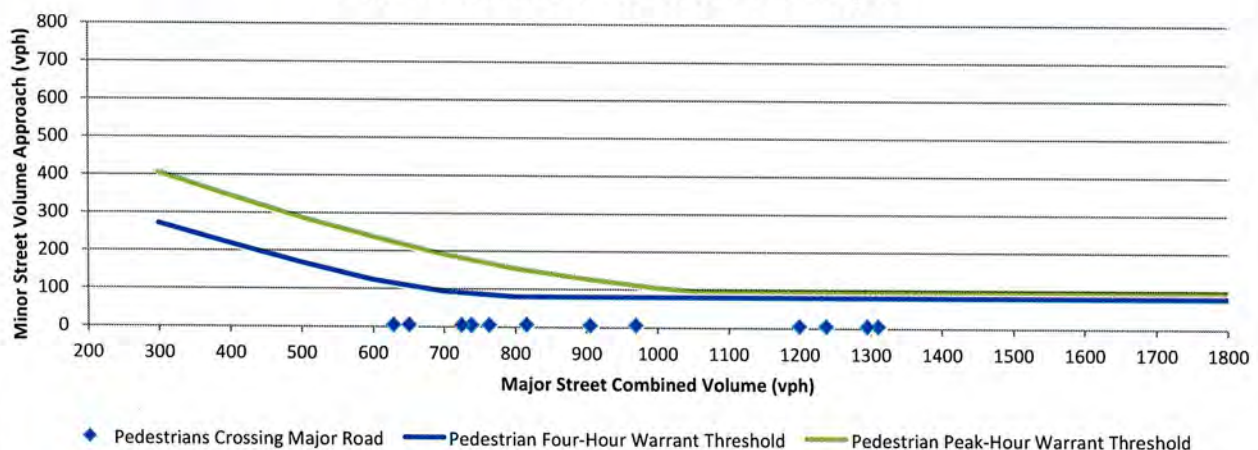
HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	PEDS X-ING MAJOR
12:00 AM - 1:00 AM	0	0	0	0
1:00 AM - 2:00 AM	0	0	0	0
2:00 AM - 3:00 AM	0	0	0	0
3:00 AM - 4:00 AM	0	0	0	0
4:00 AM - 5:00 AM	0	0	0	0
5:00 AM - 6:00 AM	0	0	0	0
6:00 AM - 7:00 AM	529	288	817	2
7:00 AM - 8:00 AM	713	488	1201	0
8:00 AM - 9:00 AM	415	325	740	0
9:00 AM - 10:00 AM	344	286	630	0
10:00 AM - 11:00 AM	321	331	652	0
11:00 AM - 12:00 PM	351	388	739	0
12:00 PM - 1:00 PM	344	420	764	0
1:00 PM - 2:00 PM	323	403	726	0
2:00 PM - 3:00 PM	362	544	906	0
3:00 PM - 4:00 PM	512	800	1312	0
4:00 PM - 5:00 PM	455	842	1297	0
5:00 PM - 6:00 PM	462	777	1239	0
6:00 PM - 7:00 PM	375	595	970	1
7:00 PM - 8:00 PM	0	0	0	0
8:00 PM - 9:00 PM	0	0	0	0
9:00 PM - 10:00 PM	0	0	0	0
10:00 PM - 11:00 PM	0	0	0	0
11:00 PM - 12:00 AM	0	0	0	0

	Met (Hr)	Required (Hr)
Warrant 4 (4-Hour Pedestrian Vol.)	0	4
Warrant 4 (Peak Pedestrian Vol.)	0	1

Is crossing within 300' of other signal or stop sign controlling the major approach?	No
If Yes, will proposed signal inhibit the progression of traffic on the major approach?	N/A

Warrant 4 Satisfied?	Not Satisfied
----------------------	---------------

Figure 3: Pedestrian Warrant Analysis



LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

Page 4

WARRANT 5 - SCHOOL CROSSING

Is the principal reason for the signal to accommodate the movement of schoolchildren across the major road?

No

Are there at least 20 schoolchildren crossing the major road in the highest crossing hour?

N/A

If both above questions are answered yes, calculate the available gaps below:

Are needed gaps greater than available gaps?

N/A

Is crossing within 300' of other signal or stop sign controlling the major approach?

N/A

If Yes, will proposed signal inhibit the progression of traffic on the major approach?

N/A

Warrant 5 met?

No

WARRANT 6 - COORDINATED SIGNAL SYSTEM

Part A

Is the street a one-way street or a street that has traffic predominately in one direction?

No

Do adjacent traffic control signals provide adequate platooning?

N/A

Part B

Is the street a two-way street?

Yes

Do adjacent traffic control signals provide adequate platooning?

Yes

Will proposed signal provide for progressive operation of traffic?

N/A

Will proposed signal spacing be less than 1000 feet?

N/A

Provide proof of platooning issues:

N/A

Warrant 6 met?

No

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 7 - CRASH EXPERIENCE

THRESHOLDS 1A/1B/1C: 336/504 84/42 84/42

HOUR	MAJOR APP 1	MAJOR APP. 3	TOTAL 1+3	MINOR APP. 2	MINOR APP. 4	MAJOR 7 A/B	MINOR 2 7 A/B	MINOR 4 7 A/B	MET SAME 7 (A/B)
12:00 AM - 1:00 AM	0	0	0	0	0	/	/	/	/
1:00 AM - 2:00 AM	0	0	0	0	0	/	/	/	/
2:00 AM - 3:00 AM	0	0	0	0	0	/	/	/	/
3:00 AM - 4:00 AM	0	0	0	0	0	/	/	/	/
4:00 AM - 5:00 AM	0	0	0	0	0	/	/	/	/
5:00 AM - 6:00 AM	0	0	0	0	0	/	/	/	/
6:00 AM - 7:00 AM	529	9	538	288	5	X/X	/	/	/
7:00 AM - 8:00 AM	713	57	770	488	0	X/X	/X	/	/X
8:00 AM - 9:00 AM	415	47	462	325	1	X/X	/X	/	/X
9:00 AM - 10:00 AM	344	69	413	286	4	X/X	/X	/	/X
10:00 AM - 11:00 AM	321	83	404	331	1	X/X	/X	/	/X
11:00 AM - 12:00 PM	351	95	446	388	5	X/X	X/X	/	X/X
12:00 PM - 1:00 PM	344	95	439	420	1	X/X	X/X	/	X/X
1:00 PM - 2:00 PM	323	104	427	403	2	X/X	X/X	/	X/X
2:00 PM - 3:00 PM	362	107	469	544	2	X/X	X/X	/	X/X
3:00 PM - 4:00 PM	512	106	618	800	3	X/X	X/X	/	X/X
4:00 PM - 5:00 PM	455	108	563	842	2	X/X	X/X	/	X/X
5:00 PM - 6:00 PM	462	87	549	777	1	X/X	X/X	/	X/X
6:00 PM - 7:00 PM	375	81	456	595	5	X/X	/X	/	/X
7:00 PM - 8:00 PM	0	0	0	0	0	/	/	/	/
8:00 PM - 9:00 PM	0	0	0	0	0	/	/	/	/
9:00 PM - 10:00 PM	0	0	0	0	0	/	/	/	/
10:00 PM - 11:00 PM	0	0	0	0	0	/	/	/	/
11:00 PM - 12:00 AM	0	0	0	0	0	/	/	/	/

	Met (Hr)	Required (Hr)
Warrant 7 (Cond A)	7	8
Warrant 7 (Cond B)	12	8

Has there been an adequate trial of alternatives that has failed to reduce the crash frequency?

No

Crash History (within a 12-month period)

	Number of Crashes:	
Right Angle:	2	TOTAL: 2
Left Turn:		Required: 5
Pedestrian:		

Warrant 7 met?

No

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

WARRANT 8 - ROADWAY NETWORK

Part of street or highway system that serves as the principal roadway network for through traffic flow
Rural or suburban highway outside, entering, or traversing a city
Appears as a major route on an official plan

Major Approach Road	Minor Approach Road
No	No
No	No
No	No

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per
Does the intersection have 5-Year projected traffic volumes that meet Warrants 1, 2, or 3?

Yes
Yes

Does the intersection have a total existing or immediately projected entering volume of at least 1,000 vehicles per

No

Warrant 8 met?

No

WARRANT 9 - INTERSECTION NEAR GRADE CROSSING

Is the principal reason for installation of a signal the proximity of the intersection to a grade crossing controlled by a stop or yield control?

No

Is the center of the railroad track less than 140 feet from the stop line or yield line?

N/A

Clear storage distance (closest to)

N/A

Approach crossing grade

N/A

Rail traffic per day

0

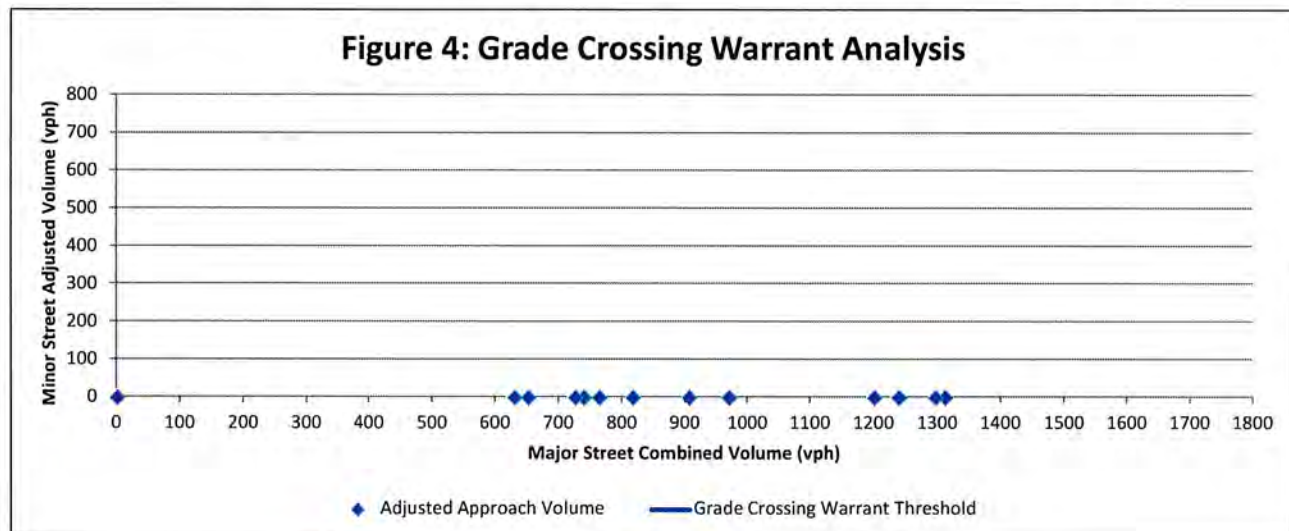
Percent of high-occupancy buses on minor-street approach

0%

Percent of tractor-trailer trucks on minor-street approach

0%

Figure 4: Grade Crossing Warrant Analysis



	Met (Hr)	Required (Hr)
Warrant 9	0	1

Warrant 9 met?

No

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019
OPERATOR: Mallori

Page 7

WARRANT SUMMARY

Warrant 1	Met
Condition A	Not Met
Condition B	Met
Condition C	Not Met
Warrant 2	Met
Warrant 3	Met
Warrant 4	Not Met
Warrant 5	Not Met
Warrant 6	Not Met
Warrant 7	Not Met
Warrant 8	Not Met
Warrant 9	Not Met

Notes:

APPENDIX D

All-Way Stop Warrant Analysis



ALL WAY STOP WARRANT

Year: 2019
Condition: Thru-Stop (combined intersections)

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti

REF. POINT:

DATE: 9/27/2019

OPERATOR: Mallori

Speed	Approach Description	Lanes
30	Major App1: CSAH 5 (EB)	2
30	Major App3: CSAH 5 (WB)	2
30	Minor App2: Credit Union Dr (NB)	1
30	Minor App4: E Dual Blvd (SB)	1

0.70 FACTOR USED? No

VOLUME WARRANT

VOLUME THRESHOLDS:

	300				200		240/160	
HOUR	MAJOR APP. 1	MAJOR APP. 3	MINOR APP. 2	MINOR APP. 4	MAJOR TOTAL Σ (APP. 1 & APP. 3)	MINOR TOTAL Σ (APP. 2 & APP. 4)	100% VOLUME WARRANT MET	80% VOLUME WARRANT MET
1:00:00 AM							/	/
2:00:00 AM							/	/
3:00:00 AM							/	/
4:00:00 AM							/	/
5:00:00 AM							/	/
6:00:00 AM	557	294	10	103	851	113	X/	X/
7:00:00 AM	734	491	57	113	1225	170	X/	X/X
8:00:00 AM	444	334	47	116	778	163	X/	X/X
9:00:00 AM	363	289	69	90	652	159	X/	X/
10:00:00 AM	364	337	83	101	701	184	X/	X/X
11:00:00 AM	396	398	96	114	794	210	X/X	X/X
12:00:00 PM	384	428	95	123	812	218	X/X	X/X
1:00:00 PM	369	406	105	104	775	209	X/X	X/X
2:00:00 PM	410	550	107	114	960	221	X/X	X/X
3:00:00 PM	545	804	106	170	1349	276	X/X	X/X
4:00:00 PM	510	851	108	142	1361	250	X/X	X/X
5:00:00 PM	524	785	87	142	1309	229	X/X	X/X
6:00:00 PM	445	598	81	118	1043	199	X/	X/X
7:00:00 PM							/	/
8:00:00 PM							/	/
9:00:00 PM							/	/
10:00:00 PM							/	/
11:00:00 PM							/	/

All Way Stop 100% Volume Warrant:

All Way Stop 80% Volume Warrant:

Met (Hr) Required (Hr)

7 8

11 8

Minor road peak hour delay (seconds)

26

Volume warrant met?

No

LOCATION: CSAH 5 & E Dual Blvd/Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019

Page 2

OPERATOR: Mallori

OTHER WARRANTS

Is a traffic control signal justified?

Yes

Amount of correctible crashes:

2

Right-Turn

Left-Turn

Right-Angle

Other

2

Is there a need to control left-turn conflicts?

No

Is there a need to control vehicle/pedestrian conflicts near a high pedestrian generator?

No

Are there sight issues (inability to see conflicting traffic) at the intersection?

No

Is the intersection between two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection?

No

Notes/explanations:

Other warrants met?

Yes (Signal Justified)



ALL WAY STOP WARRANT

Year: 2019
Condition: Thru-Stop

LOCATION: CSAH 5 & E Dual Blvd

COUNTY: Isanti

REF. POINT:

DATE: 9/27/2019

OPERATOR: Mallori

0.70 FACTOR USED? No

Speed	Approach Description	Lanes
30	Major App1: CSAH 5 (EB)	2
30	Major App3: CSAH 5 (WB)	2
	Minor App2: (NB)	
30	Minor App4: E Dual Blvd (SB)	1

VOLUME WARRANT

VOLUME THRESHOLDS:

	300				200		240/160	
HOUR	MAJOR APP. 1	MAJOR APP. 3	MINOR APP. 2	MINOR APP. 4	MAJOR TOTAL Σ (APP. 1 & APP. 3)	MINOR TOTAL Σ (APP. 2 & APP. 4)	100% VOLUME WARRANT MET	80% VOLUME WARRANT MET
1:00:00 AM							/	/
2:00:00 AM							/	/
3:00:00 AM							/	/
4:00:00 AM							/	/
5:00:00 AM							/	/
6:00:00 AM	557	294		103	851	103	X/	X/
7:00:00 AM	734	491		113	1225	113	X/	X/
8:00:00 AM	444	334		116	778	116	X/	X/
9:00:00 AM	363	289		90	652	90	X/	X/
10:00:00 AM	364	337		101	701	101	X/	X/
11:00:00 AM	396	398		114	794	114	X/	X/
12:00:00 PM	384	428		123	812	123	X/	X/
1:00:00 PM	369	406		104	775	104	X/	X/
2:00:00 PM	410	550		114	960	114	X/	X/
3:00:00 PM	545	804		170	1349	170	X/	X/X
4:00:00 PM	510	851		142	1361	142	X/	X/
5:00:00 PM	524	785		142	1309	142	X/	X/
6:00:00 PM	445	598		118	1043	118	X/	X/
7:00:00 PM							/	/
8:00:00 PM							/	/
9:00:00 PM							/	/
10:00:00 PM							/	/
11:00:00 PM							/	/

All Way Stop 100% Volume Warrant:

All Way Stop 80% Volume Warrant:

Met (Hr) Required (Hr)

1 8

Minor road peak hour delay (seconds)

15

Volume warrant met?

No

LOCATION: CSAH 5 & E Dual Blvd
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019

OPERATOR: Mallori

OTHER WARRANTS

Is a traffic control signal justified?

Yes

Amount of correctible crashes:

Right-Turn
Left-Turn
Right-Angle
Other

Is there a need to control left-turn conflicts?

No

Is there a need to control vehicle/pedestrian conflicts near a high pedestrian generator?

No

Are there sight issues (inability to see conflicting traffic) at the intersection?

No

Is the intersection between two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection?

No

Notes/explanations:

Other warrants met?

Yes (Signal Justified)



ALL WAY STOP WARRANT

Year: 2019
Condition: Thru-Stop

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti

REF. POINT:
DATE: 9/27/2019

OPERATOR: Mallori

0.70 FACTOR USED? No

Speed	Approach Description	Lanes
30	Major App1: CSAH 5 (EB)	3
30	Major App3: CSAH 5 (WB)	2
30	Minor App2: Credit Union Dr (NB)	1
30	Minor App4: Kwik Trip (SB)	1

VOLUME WARRANT

VOLUME THRESHOLDS:

	300				200		240/160	
HOUR	MAJOR APP. 1	MAJOR APP. 3	MINOR APP. 2	MINOR APP. 4	MAJOR TOTAL Σ (APP. 1 & APP. 3)	MINOR TOTAL Σ (APP. 2 & APP. 4)	100% VOLUME WARRANT MET	80% VOLUME WARRANT MET
1:00:00 AM							/	/
2:00:00 AM							/	/
3:00:00 AM							/	/
4:00:00 AM							/	/
5:00:00 AM							/	/
6:00:00 AM	529	288	9	5	817	14	X/	X/
7:00:00 AM	713	488	57		1201	57	X/	X/
8:00:00 AM	415	325	47	1	740	48	X/	X/
9:00:00 AM	344	286	69	4	630	73	X/	X/
10:00:00 AM	321	331	83	1	652	84	X/	X/
11:00:00 AM	351	388	95	5	739	100	X/	X/
12:00:00 PM	344	420	95	1	764	96	X/	X/
1:00:00 PM	323	403	104	2	726	106	X/	X/
2:00:00 PM	362	544	107	2	906	109	X/	X/
3:00:00 PM	512	800	106	3	1312	109	X/	X/
4:00:00 PM	455	842	108	2	1297	110	X/	X/
5:00:00 PM	462	777	87	1	1239	88	X/	X/
6:00:00 PM	375	595	81	5	970	86	X/	X/
7:00:00 PM							/	/
8:00:00 PM							/	/
9:00:00 PM							/	/
10:00:00 PM							/	/
11:00:00 PM							/	/

All Way Stop 100% Volume Warrant:

All Way Stop 80% Volume Warrant:

Met (Hr) Required (Hr)

8

8

Minor road peak hour delay (seconds)

26

Volume warrant met?

No

LOCATION: CSAH 5 & Credit Union Dr
COUNTY: Isanti
REF. POINT:
DATE: 9/27/2019

OPERATOR: Mallori

OTHER WARRANTS

Is a traffic control signal justified?

Yes

Amount of correctible crashes:

2

Right-Turn

Left-Turn

Right-Angle

Other

2

Is there a need to control left-turn conflicts?

No

Is there a need to control vehicle/pedestrian conflicts near a high pedestrian generator?

No

Are there sight issues (inability to see conflicting traffic) at the intersection?

No

Is the intersection between two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection?

No

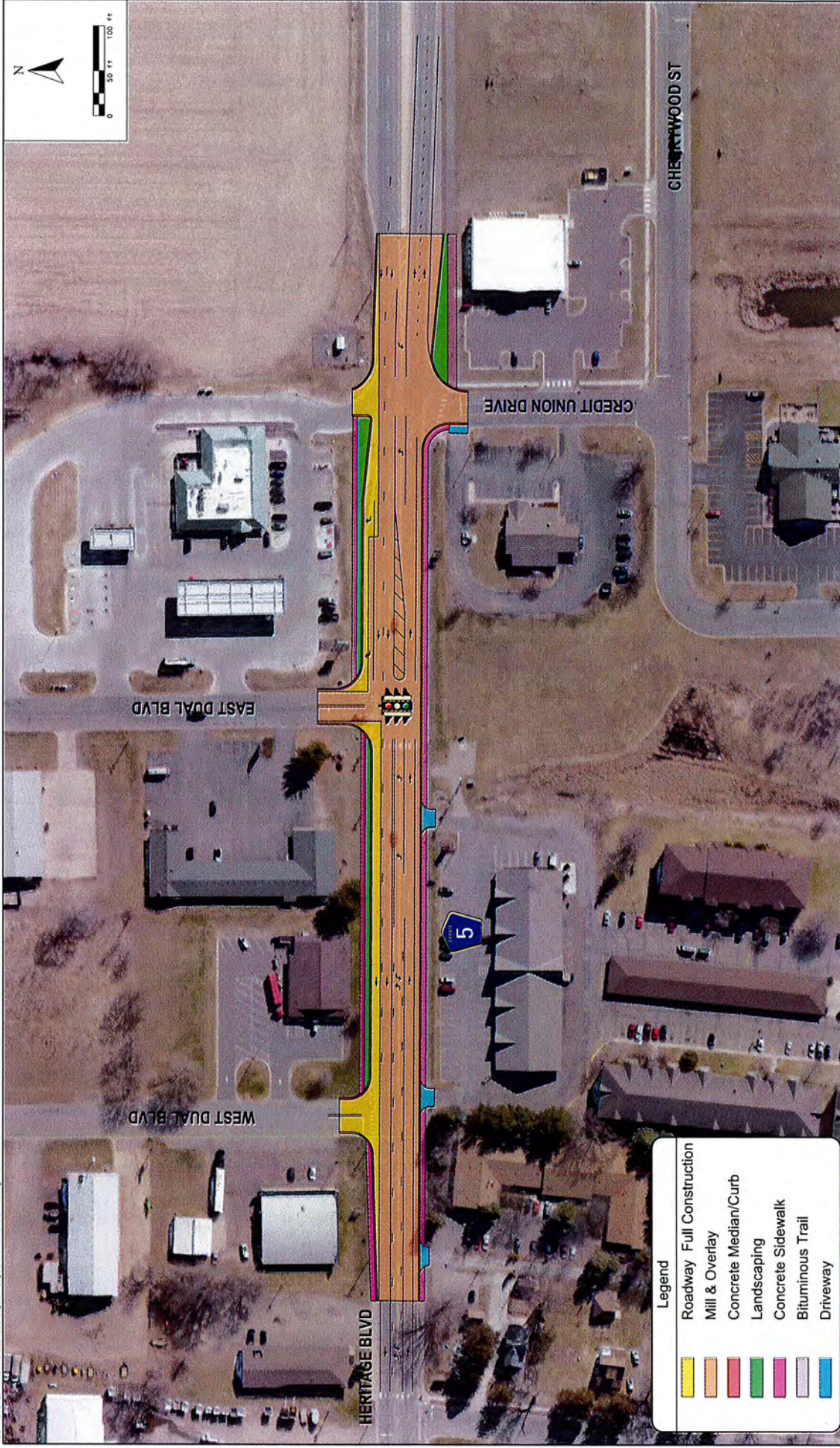
Notes/explanations:

Other warrants met?

Yes (Signal Justified)

APPENDIX E1
Alternative Layouts 1-4

Date Printed: 9/8/2020
 WSB File Name: K:\0412-000\Con\Layout\Layout Alternative No. 1.dgn



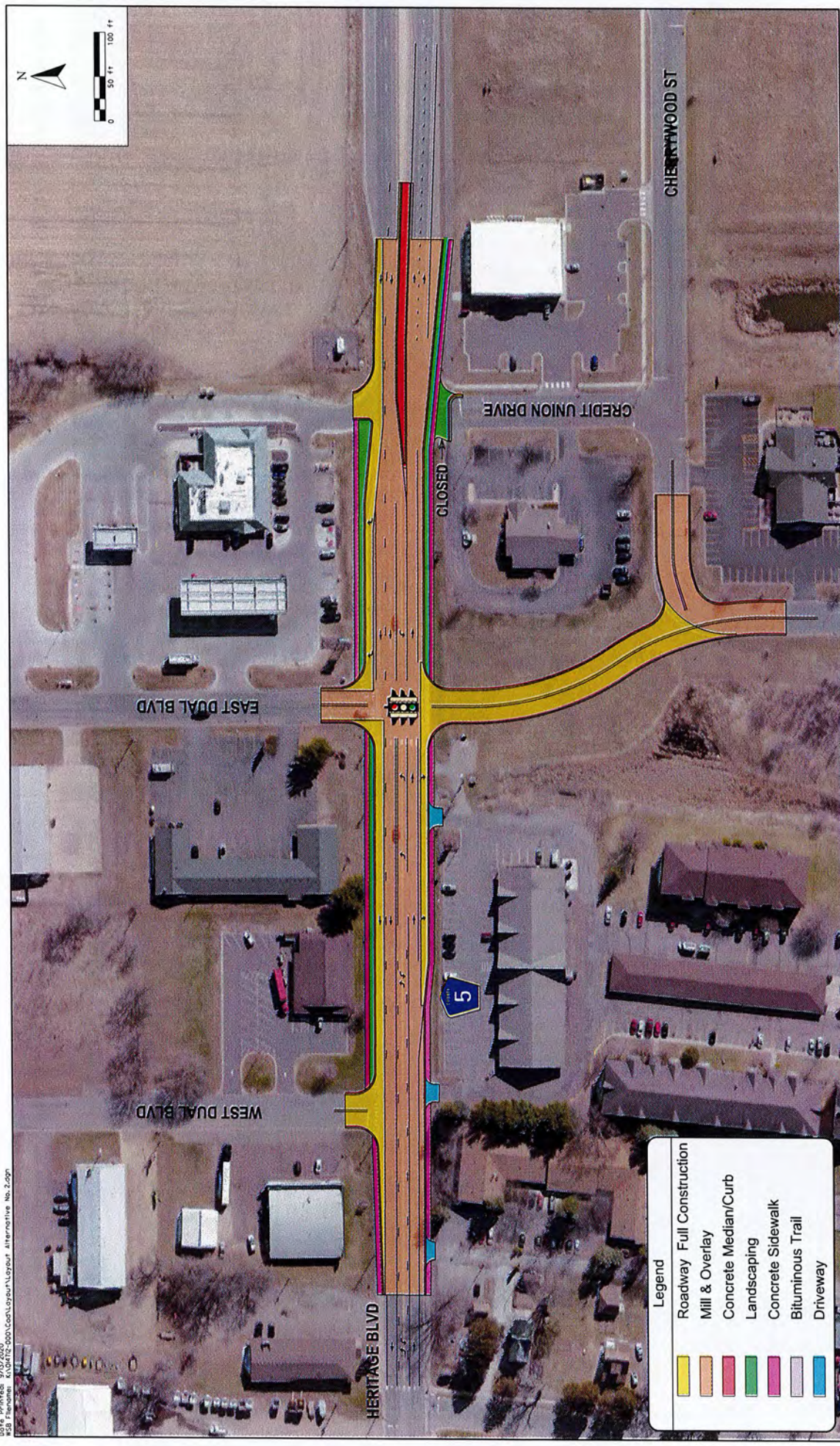
Legend	
	Roadway Full Construction
	Mill & Overlay
	Concrete Median/Curb
	Landscaping
	Concrete Sidewalk
	Bituminous Trail
	Driveway



CSAH 5 & East Dual Boulevard Improvements
 City of Isanti, Minnesota

Project Layout Alternative No. 1
 September 14, 2020

Date Printed: 9/1/2020
WSB File Name: K:\04712-000\Local\Layout\Layouts\Alternative No. 2.dgn



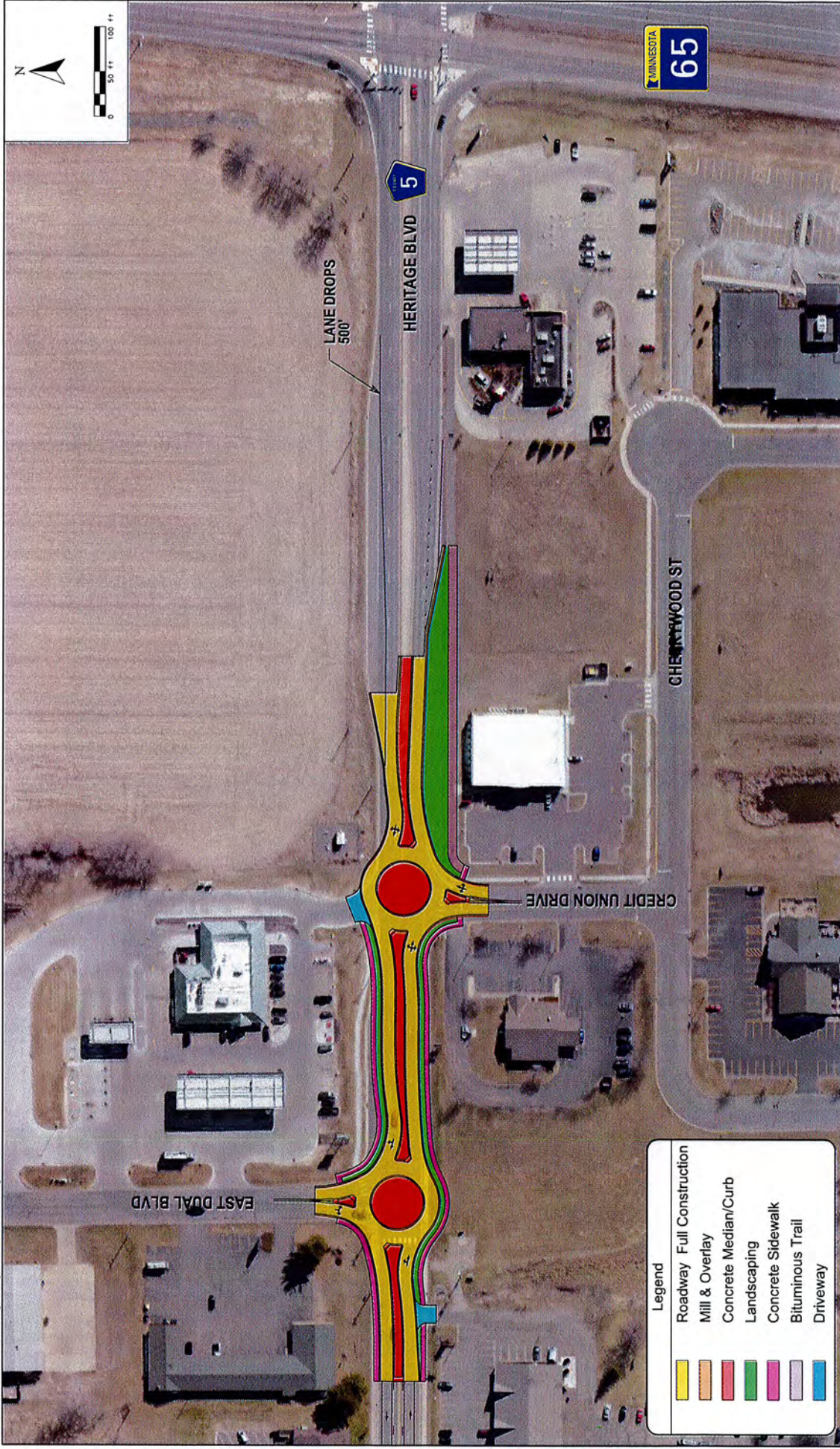
- Legend
- Roadway Full Construction
 - Mill & Overlay
 - Concrete Median/Curb
 - Landscaping
 - Concrete Sidewalk
 - Bituminous Trail
 - Driveway



CSAH 5 & East Dual Boulevard Improvements
City of Isanti, Minnesota

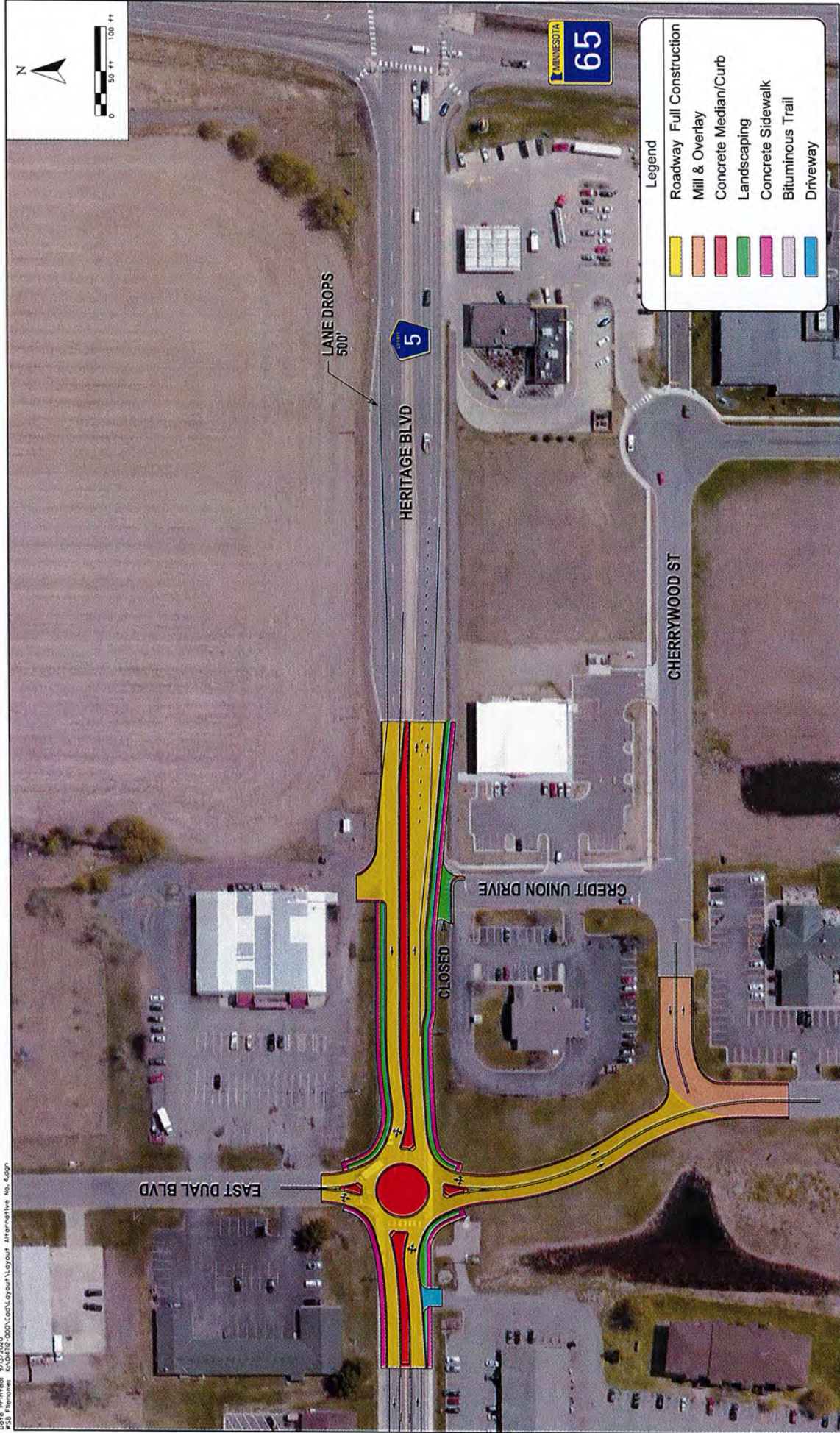
Project Layout Alternative No. 2
September 14, 2020

Date Printed: 9/16/2020
 WSB Filename: K:\0412-000\Coop\Layout\Layout Alternative No. 3.dgn



CSAH 5 & East Dual Boulevard Improvements
 City of Isanti, Minnesota

Project Layout Alternative No. 3
 September 14, 2020



APPENDIX E2
Alternative Cost Estimates

OPINION OF PROBABLE COST

WSB Project: CSAH 5 & EAST DUAL BOULEVARD IMPROVEMENTS: ALTERNATIVE NO. 1
 Project Location: CITY OF ISANTI, MN
 WSB Project No.: 014712-000
 Date: 1/7/2020

STATEMENT OF ESTIMATED QUANTITIES

Item No.	Description	Unit	Unit Price	PROJECT TOTAL		ROADWAY CONSTRUCTION		MILL AND OVERLAY	
				Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2021.501	MOBILIZATION	LUMP SUM	\$60,000.00	1	\$60,000.00	1	\$60,000.00		
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	\$2.00	930	\$1,860.00	930	\$1,860.00		
2104.502	REMOVE SIGN	EACH	\$35.00	26	\$910.00	26	\$910.00		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$5.00	25	\$125.00	25	\$125.00		
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$2.00	2755	\$5,510.00	2755	\$5,510.00		
2104.503	REMOVE CURB AND GUTTER	LIN FT	\$4.00	2485	\$9,940.00	2485	\$9,940.00		
2104.518	REMOVE BITUMINOUS WALK	SQ FT	\$1.00	1125	\$1,125.00	1125	\$1,125.00		
2104.518	REMOVE CONCRETE WALK	SQ FT	\$1.50	9400	\$14,100.00	9400	\$14,100.00		
2104.518	REMOVE BITUMINOUS PAVEMENT	SQ FT	\$2.00	9620	\$19,240.00	9620	\$19,240.00		
2106.507	EXCAVATION - COMMON	CU YD	\$10.00	350	\$3,500.00	350	\$3,500.00		
2106.507	EXCAVATION - SUBGRADE	CU YD	\$14.00	1000	\$14,000.00	1000	\$14,000.00		
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$18.00	1000	\$18,000.00	1000	\$18,000.00		
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$10.00	100	\$1,000.00	100	\$1,000.00		
2211.507	AGGREGATE BASE (CV) CLASS 3	CU YD	\$26.00	800	\$20,800.00	800	\$20,800.00		
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$3.00	7500	\$22,500.00			7500	\$22,500.00
2301.504	CONCRETE PAVEMENT 7.0"	SQ YD	\$68.00						
2360.509	TYPE SP 9.5 NON WEARING COURSE MIXTURE (3,B)	TON	\$72.00	360	\$25,920.00	360	\$25,920.00		
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	\$76.00	1150	\$87,400.00	300	\$22,800.00	850	\$64,600.00
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$62.00	250	\$15,500.00	250	\$15,500.00		
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	\$86.50	100	\$8,650.00	100	\$8,650.00		
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,700.00	2	\$3,400.00	2	\$3,400.00		
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$1,900.00	2	\$3,800.00	2	\$3,800.00		
2506.502	CASTING ASSEMBLY	EACH	\$850.00	7	\$5,950.00	7	\$5,950.00		
2506.502	ADJUST FRAME AND RING CASTING	EACH	\$250.00	2	\$500.00	2	\$500.00		
2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	\$420.00	30	\$12,600.00	30	\$12,600.00		
2521.518	4" CONCRETE WALK	SQ FT	\$5.00	10100	\$50,500.00	10100	\$50,500.00		
2521.518	3" BITUMINOUS WALK	SQ FT	\$4.00	1700	\$6,800.00	1700	\$6,800.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	\$22.00	2600	\$57,200.00	2600	\$57,200.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN 8524	LIN FT	\$23.00						
2531.618	TRUNCATED DOMES	SQ FT	\$62.00	100	\$6,200.00	100	\$6,200.00		
2563.601	TRAFFIC CONTROL	LUMP SUM	\$15,000.00	1	\$15,000.00	1	\$15,000.00		
2564.518	SIGN PANELS TYPE C	SQ FT	\$50.00	235	\$11,750.00	235	\$11,750.00		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$7,000.00	1	\$7,000.00	1	\$7,000.00		
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM	SYSTEM	\$250,000.00	1	\$250,000.00	1	\$250,000.00		
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00	1	\$1,000.00	1	\$1,000.00		
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$275.00	5	\$1,375.00	5	\$1,375.00		
2573.502	CULVERT END CONTROLS	EACH	\$92.00	1	\$92.00	1	\$92.00		
2573.503	SILT FENCE, TYPE MS	LIN FT	\$3.00	2370	\$7,110.00	2370	\$7,110.00		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$3.00	2370	\$7,110.00	2370	\$7,110.00		
2574.507	COMMON TOPSOIL BORROW	CU YD	\$52.00	150	\$7,800.00	150	\$7,800.00		
2574.508	FERTILIZER TYPE 3	POUND	\$1.00	160	\$160.00	160	\$160.00		
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	\$1.50	1400	\$2,100.00	1400	\$2,100.00		
2575.504	RAPID STABILIZATION METHOD 4	SQ YD	\$1.50	1400	\$2,100.00	1400	\$2,100.00		
2575.505	SEEDING	ACRE	\$165.00	1	\$165.00	1	\$165.00		
2575.508	SEED MIXTURE 25-151	POUND	\$4.00	55	\$220.00	55	\$220.00		
2575.508	HYDRAULIC MULCH MATRIX	POUND	\$6.75	550	\$3,712.50	550	\$3,712.50		
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	3500	\$7,000.00	3500	\$7,000.00		
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	435	\$870.00	435	\$870.00		
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$3.00	755	\$2,265.00	755	\$2,265.00		
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN	SQ FT	\$30.00	315	\$9,450.00	315	\$9,450.00		
	CONTINGENCY 15%				\$121,498.00		\$108,433.00		\$13,065.00
	ROADWAY CONSTRUCTION TOTAL				\$931,480.00		\$831,315.00		\$100,165.00

OPINION OF PROBABLE COST

WSB Project: CSAH 5 & EAST DUAL BOULEVARD IMPROVEMENTS: ALTERNATIVE NO. 2
 Project Location: CITY OF ISANTI, MN
 WSB Project No.: 014712-000
 Date: 1/7/2020

STATEMENT OF ESTIMATED QUANTITIES

Item No.	Description	Unit	Unit Price	PROJECT TOTAL		ROADWAY CONSTRUCTION		MILL AND OVERLAY	
				Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2021.501	MOBILIZATION	LUMP SUM	\$60,000.00	1	\$60,000.00	1	\$60,000.00		
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	\$2.00	930	\$1,860.00	930	\$1,860.00		
2104.502	REMOVE SIGN	EACH	\$35.00	26	\$910.00	26	\$910.00		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$5.00	40	\$200.00	40	\$200.00		
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$2.00	1955	\$3,910.00	1955	\$3,910.00		
2104.503	REMOVE CURB AND GUTTER	LIN FT	\$4.00	2970	\$11,880.00	2970	\$11,880.00		
2104.518	REMOVE BITUMINOUS WALK	SQ FT	\$1.00	1125	\$1,125.00	1125	\$1,125.00		
2104.518	REMOVE CONCRETE WALK	SQ FT	\$1.50	9400	\$14,100.00	9400	\$14,100.00		
2104.518	REMOVE BITUMINOUS PAVEMENT	SQ FT	\$2.00	10320	\$20,640.00	10320	\$20,640.00		
2106.507	EXCAVATION - COMMON	CU YD	\$10.00	500	\$5,000.00	500	\$5,000.00		
2106.507	EXCAVATION - SUBGRADE	CU YD	\$14.00	2000	\$28,000.00	2000	\$28,000.00		
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$18.00	2000	\$36,000.00	2000	\$36,000.00		
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$10.00	500	\$5,000.00	500	\$5,000.00		
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	\$26.00	1300	\$33,800.00	1300	\$33,800.00		
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$3.00	7800	\$23,400.00			7800	\$23,400.00
2301.504	CONCRETE PAVEMENT 7.0"	SQ YD	\$68.00						
2360.509	TYPE SP 9.5 NON WEARING COURSE MIXTURE (3.B)	TON	\$72.00	760	\$54,720.00	760	\$54,720.00		
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3.C)	TON	\$76.00	1460	\$110,960.00	600	\$45,600.00	860	\$65,360.00
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$62.00	400	\$24,800.00	400	\$24,800.00		
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	\$86.50	150	\$12,975.00	150	\$12,975.00		
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,700.00	2	\$3,400.00	2	\$3,400.00		
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$1,900.00	2	\$3,800.00	2	\$3,800.00		
2506.502	CASTING ASSEMBLY	EACH	\$850.00	11	\$9,350.00	11	\$9,350.00		
2506.502	ADJUST FRAME AND RING CASTING	EACH	\$250.00	2	\$500.00	2	\$500.00		
2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	\$420.00	45	\$18,900.00	45	\$18,900.00		
2521.518	4" CONCRETE WALK	SQ FT	\$5.00	13250	\$66,250.00	13250	\$66,250.00		
2521.518	3" BITUMINOUS WALK	SQ FT	\$4.00						
2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	\$22.00	4285	\$94,270.00	4285	\$94,270.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN S524	LIN FT	\$23.00						
2531.618	TRUNCATED DOMES	SQ FT	\$62.00	100	\$6,200.00	100	\$6,200.00		
2563.601	TRAFFIC CONTROL	LUMP SUM	\$15,000.00	1	\$15,000.00	1	\$15,000.00		
2564.518	SIGN PANELS TYPE C	SQ FT	\$50.00	160	\$8,000.00	160	\$8,000.00		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$8,500.00	1	\$8,500.00	1	\$8,500.00		
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM	SYSTEM	\$300,000.00	1	\$300,000.00	1	\$300,000.00		
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00	1	\$1,000.00	1	\$1,000.00		
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$275.00	11	\$3,025.00	11	\$3,025.00		
2573.502	CULVERT END CONTROLS	EACH	\$92.00	1	\$92.00	1	\$92.00		
2573.503	SILT FENCE, TYPE MS	LIN FT	\$3.00	3230	\$9,690.00	3230	\$9,690.00		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$3.00	3230	\$9,690.00	3230	\$9,690.00		
2574.507	COMMON TOPSOIL BORROW	CU YD	\$52.00	250	\$13,000.00	250	\$13,000.00		
2574.508	FERTILIZER TYPE 3	POUND	\$1.00	185	\$185.00	185	\$185.00		
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	\$1.50	1800	\$2,700.00	1800	\$2,700.00		
2575.504	RAPID STABILIZATION METHOD 4	SQ YD	\$1.50	1800	\$2,700.00	1800	\$2,700.00		
2575.505	SEEDING	ACRE	\$330.00	1	\$165.00	1	\$165.00		
2575.508	SEED MIXTURE 25-151	POUND	\$4.00	65	\$260.00	65	\$260.00		
2575.508	HYDRAULIC MULCH MATRIX	POUND	\$0.70	430	\$301.00	430	\$301.00		
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	2895	\$5,790.00	2895	\$5,790.00		
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	290	\$580.00	290	\$580.00		
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$3.00	1385	\$4,155.00	1385	\$4,155.00		
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN	SQ FT	\$30.00	525	\$15,750.00	525	\$15,750.00		
	CONTINGENCY 15%				\$157,880.00		\$144,566.00		\$13,314.00
	ROADWAY CONSTRUCTION TOTAL				\$1,210,413.00		\$1,108,339.00		\$102,074.00

OPINION OF PROBABLE COST

WSB Project: CSAH 5 & EAST DUAL BOULEVARD IMPROVEMENTS: ALTERNATIVE NO. 3
 Project Location: CITY OF ISANTI, MN
 WSB Project No.: 014712-000
 Date: 1/8/2020

STATEMENT OF ESTIMATED QUANTITIES

Item No.	Description	Notes	Unit	Unit Price	PROJECT TOTAL		ROADWAY CONSTRUCTION		MILL AND OVERLAY	
					Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2021.501	MOBILIZATION		LUMP SUM	\$60,000.00	1	\$60,000.00	1	\$60,000.00		
2102.503	PAVEMENT MARKING REMOVAL		LIN FT	\$2.00	1530	\$3,060.00	1530	\$3,060.00		
2104.502	REMOVE SIGN		EACH	\$35.00	12	\$420.00	12	\$420.00		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)		LIN FT	\$5.00	60	\$300.00	60	\$300.00		
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)		LIN FT	\$2.00	450	\$900.00	450	\$900.00		
2104.503	REMOVE CURB AND GUTTER		LIN FT	\$4.00	1805	\$7,220.00	1805	\$7,220.00		
2104.518	REMOVE BITUMINOUS WALK		SQ FT	\$1.00	3610	\$3,610.00	3610	\$3,610.00		
2104.518	REMOVE CONCRETE WALK		SQ FT	\$1.50	5570	\$8,355.00	5570	\$8,355.00		
2104.518	REMOVE BITUMINOUS PAVEMENT		SQ FT	\$2.00	49800	\$99,600.00	49800	\$99,600.00		
2106.507	EXCAVATION - COMMON		CU YD	\$10.00	1000	\$10,000.00	1000	\$10,000.00		
2106.507	EXCAVATION - SUBGRADE		CU YD	\$14.00	3000	\$42,000.00	3000	\$42,000.00		
2106.507	SELECT GRANULAR EMBANKMENT (CV)		CU YD	\$18.00	3000	\$54,000.00	3000	\$54,000.00		
2106.507	COMMON EMBANKMENT (CV)		CU YD	\$10.00	500	\$5,000.00	500	\$5,000.00		
2211.507	AGGREGATE BASE (CV) CLASS 5		CU YD	\$26.00	1500	\$39,000.00	1500	\$39,000.00		
2232.504	MILL BITUMINOUS SURFACE (2.0")		SQ YD	\$3.00						
2301.504	CONCRETE PAVEMENT 7.0"		SQ YD	\$68.00	630	\$42,840.00	630	\$42,840.00		
2360.509	TYPE SP 9.5 NON WEARING COURSE MIXTURE (3.B)		TON	\$72.00	815	\$58,680.00	815	\$58,680.00		
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3.C)		TON	\$76.00	625	\$47,500.00	625	\$47,500.00		
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V		LIN FT	\$62.00	400	\$24,800.00	400	\$24,800.00		
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS III		LIN FT	\$86.50	150	\$12,975.00	150	\$12,975.00		
2503.602	CONNECT TO EXISTING STORM SEWER		EACH	\$1,700.00	2	\$3,400.00	2	\$3,400.00		
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE		EACH	\$1,900.00						
2506.502	CASTING ASSEMBLY		EACH	\$850.00	15	\$12,750.00	15	\$12,750.00		
2506.502	ADJUST FRAME AND RING CASTING		EACH	\$250.00						
2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020		LIN FT	\$420.00	60	\$25,200.00	60	\$25,200.00		
2521.518	4" CONCRETE WALK		SQ FT	\$5.00	13000	\$65,000.00	13000	\$65,000.00		
2521.518	3" BITUMINOUS WALK		SQ FT	\$4.00	3650	\$14,600.00	3650	\$14,600.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN B618		LIN FT	\$22.00	2000	\$44,000.00	2000	\$44,000.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN S524		LIN FT	\$23.00	1800	\$41,400.00	1800	\$41,400.00		
2531.618	TRUNCATED DOMES		SQ FT	\$62.00	65	\$4,030.00	65	\$4,030.00		
2545.502	LIGHTING UNIT TYPE SPECIAL 1		EACH	\$11,000.00	18	\$198,000.00	18	\$198,000.00		
2563.601	TRAFFIC CONTROL		LUMP SUM	\$30,000.00	1	\$30,000.00	1	\$30,000.00		
2564.518	SIGN PANELS TYPE C		SQ FT	\$50.00	110	\$5,500.00	110	\$5,500.00		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM		LUMP SUM	\$7,000.00						
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM		SYSTEM	\$250,000.00						
2573.501	STABILIZED CONSTRUCTION EXIT		LUMP SUM	\$1,000.00	1	\$1,000.00	1	\$1,000.00		
2573.502	STORM DRAIN INLET PROTECTION		EACH	\$275.00	5	\$1,375.00	5	\$1,375.00		
2573.502	CULVERT END CONTROLS		EACH	\$92.00	1	\$92.00	1	\$92.00		
2573.503	SILT FENCE, TYPE MS		LIN FT	\$3.00	1830	\$5,490.00	1830	\$5,490.00		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST		LIN FT	\$3.00	1830	\$5,490.00	1830	\$5,490.00		
2574.507	COMMON TOPSOIL BORROW		CU YD	\$52.00	200	\$10,400.00	200	\$10,400.00		
2574.508	FERTILIZER TYPE 3		POUND	\$1.00	130	\$130.00	130	\$130.00		
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N		SQ YD	\$1.50	210	\$315.00	210	\$315.00		
2575.504	RAPID STABILIZATION METHOD 4		SQ YD	\$1.50	210	\$315.00	210	\$315.00		
2575.505	SEEDING		ACRE	\$330.00	0	\$132.00	0	\$132.00		
2575.508	SEED MIXTURE 25-151		POUND	\$4.00	45	\$180.00	45	\$180.00		
2575.508	HYDRAULIC MULCH MATRIX		POUND	\$0.70	1110	\$777.00	1110	\$777.00		
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN		LIN FT	\$2.00	1765	\$3,530.00	1765	\$3,530.00		
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN		LIN FT	\$2.00	75	\$150.00	75	\$150.00		
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN		LIN FT	\$3.00	225	\$675.00	225	\$675.00		
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN		SQ FT	\$30.00	435	\$13,050.00	435	\$13,050.00		
	CONTINGENCY 15%					\$151,087.00		\$151,087.00		
	ROADWAY CONSTRUCTION TOTAL					\$1,158,328.00		\$1,158,328.00		

OPINION OF PROBABLE COST

WSB Project: CSAH 5 & EAST DUAL BOULEVARD IMPROVEMENTS: ALTERNATIVE NO. 4
 Project Location: CITY OF ISANTI, MN
 WSB Project No.: 014712-000
 Date: 1/8/2020

STATEMENT OF ESTIMATED QUANTITIES

Item No.	Description	Unit	Unit Price	PROJECT TOTAL		ROADWAY CONSTRUCTION		MILL AND OVERLAY	
				Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2021.501	MOBILIZATION	LUMP SUM	\$60,000.00	1	\$60,000.00	1	\$60,000.00		
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	\$2.00	1135	\$2,270.00	1135	\$2,270.00		
2104.502	REMOVE SIGN	EACH	\$35.00	12	\$420.00	12	\$420.00		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$5.00	40	\$200.00	40	\$200.00		
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$2.00	860	\$1,720.00	860	\$1,720.00		
2104.503	REMOVE CURB AND GUTTER	LIN FT	\$4.00	2305	\$9,220.00	2305	\$9,220.00		
2104.518	REMOVE BITUMINOUS WALK	SQ FT	\$1.00	2410	\$2,410.00	2410	\$2,410.00		
2104.518	REMOVE CONCRETE WALK	SQ FT	\$1.50	1560	\$2,340.00	1560	\$2,340.00		
2104.518	REMOVE BITUMINOUS PAVEMENT	SQ FT	\$2.00	47680	\$95,360.00	47680	\$95,360.00		
2106.507	EXCAVATION - COMMON	CU YD	\$10.00	1250	\$12,500.00	1250	\$12,500.00		
2106.507	EXCAVATION - SUBGRADE	CU YD	\$14.00	4000	\$56,000.00	4000	\$56,000.00		
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$18.00	4000	\$72,000.00	4000	\$72,000.00		
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$10.00	1500	\$15,000.00	1500	\$15,000.00		
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	\$26.00	2000	\$52,000.00	2000	\$52,000.00		
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$3.00	1100	\$3,300.00			1100	\$3,300.00
2301.504	CONCRETE PAVEMENT 7.0"	SQ YD	\$68.00	350	\$23,800.00	350	\$23,800.00		
2360.509	TYPE SP 9.5 NON WEARING COURSE MIXTURE (3,B)	TON	\$72.00	1055	\$75,960.00	1055	\$75,960.00		
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	\$76.00	920	\$69,920.00	805	\$61,180.00	115	\$8,740.00
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$62.00	500	\$31,000.00	500	\$31,000.00		
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	\$86.50	200	\$17,300.00	200	\$17,300.00		
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,700.00	2	\$3,400.00	2	\$3,400.00		
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$1,900.00						
2506.502	CASTING ASSEMBLY	EACH	\$850.00	17	\$14,450.00	17	\$14,450.00		
2506.502	ADJUST FRAME AND RING CASTING	EACH	\$250.00						
2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	\$420.00	68	\$28,560.00	68	\$28,560.00		
2521.518	4" CONCRETE WALK	SQ FT	\$5.00	14800	\$74,000.00	14800	\$74,000.00		
2521.518	3" BITUMINOUS WALK	SQ FT	\$4.00						
2531.503	CONCRETE CURB AND GUTTER DESIGN BG18	LIN FT	\$22.00	2655	\$58,410.00	2655	\$58,410.00		
2531.503	CONCRETE CURB AND GUTTER DESIGN S524	LIN FT	\$23.00	1620	\$37,260.00	1620	\$37,260.00		
2531.618	TRUNCATED DOMES	SQ FT	\$62.00	65	\$4,030.00	65	\$4,030.00		
2545.502	LIGHTING UNIT TYPE SPECIAL 1	EACH	\$11,000.00	12	\$132,000.00	12	\$132,000.00		
2563.601	TRAFFIC CONTROL	LUMP SUM	\$30,000.00	1	\$30,000.00	1	\$30,000.00		
2564.518	SIGN PANELS TYPE C	SQ FT	\$50.00	110	\$5,500.00	110	\$5,500.00		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$7,000.00						
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM	SYSTEM	\$250,000.00						
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00	1	\$1,000.00	1	\$1,000.00		
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$275.00	11	\$3,025.00	11	\$3,025.00		
2573.502	CULVERT END CONTROLS	EACH	\$92.00	1	\$92.00	1	\$92.00		
2573.503	SILT FENCE, TYPE MS	LIN FT	\$3.00	2250	\$6,750.00	2250	\$6,750.00		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$3.00	2250	\$6,750.00	2250	\$6,750.00		
2574.507	COMMON TOPSOIL BORROW	CU YD	\$52.00	350	\$18,200.00	350	\$18,200.00		
2574.508	FERTILIZER TYPE 3	POUND	\$1.00	160	\$160.00	160	\$160.00		
2575.504	EROSION CONTROL, BLANKETS CATEGORY 3N	SQ YD	\$1.50	1300	\$1,950.00	1300	\$1,950.00		
2575.504	RAPID STABILIZATION METHOD 4	SQ YD	\$1.50	1300	\$1,950.00	1300	\$1,950.00		
2575.505	SPEDING	ACRE	\$330.00	0	\$132.00	0	\$132.00		
2575.508	SEED MIXTURE 25-151	POUND	\$4.00	55	\$220.00	55	\$220.00		
2575.508	HYDRAULIC MULCH MATRIX	POUND	\$0.70	500	\$350.00	500	\$350.00		
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	2185	\$4,370.00	2185	\$4,370.00		
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN	LIN FT	\$2.00	210	\$420.00	210	\$420.00		
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	\$3.00	760	\$2,280.00	760	\$2,280.00		
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN	SQ FT	\$30.00	510	\$15,300.00	510	\$15,300.00		
	CONTINGENCY 15%				\$157,992.00		\$156,186.00		\$1,806.00
	ROADWAY CONSTRUCTION TOTAL				\$1,211,271.00		\$1,197,425.00		\$13,846.00

APPENDIX F

SimTraffic/HCS Operations Results

Table F1. 2019 Existing AM MOEs

Intersection		Appr	Forecast Volumes						Total Delay by Movement						LOS by Movement			LOS by Approach (Sec/Veh)			LOS by Intersection (Sec/Veh)		Appr	Average & Maximum Traffic Queueing (feet)													
Control	Location		L			R			Total			L	T	R	L	T	R	L	T	R	Delay	LOS		Delay	LOS	Left-Turn				Through				Right-Turn			
			L	T	R	L	T	R	L	T	R	L	T	R	L	T	R	L	T	R	Delay	LOS		Delay	LOS	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage			
Thru-Stop	1: CSAH 5 & East Dual Blvd	WB	0	360	37	397	0	0	0	0	0	0	A	A	A	A	0	A							WB												
		SB	70	0	43	113	12	0	6	B	A	A	A	10	B						3	A			SB	49	96										
		EB	57	677	0	734	7	3	0	A	A	A	A	3	A										EB												
Thru-Stop	2: Credit Union Dr & CSAH 5	NB	12	2	43	57	13	0	4	B	A	A	A	6	A										NB												
		WB	68	384	39	491	5	1	0	A	A	A	A	1	A						1	A			WB												
		SB	0	0	0	0	0	0	0	A	A	A	A	0	A										SB												
		EB	4	723	22	749	4	1	0	A	A	A	A	1	A										EB												

Table F2. 2019 Existing PM MOEs

Intersection		Appr	Forecast Volumes				Total Delay by Movement			LOS by Movement			LOS by Approach (Sec/Veh)		LOS by Intersection (Sec/Veh)		Average & Maximum Traffic Queueing (feet)							
			Control		Location		L	T	R	Total	L	T	R	L	T	R	Delay	LOS	Left-Turn		Through		Right-Turn	
Thru-Stop	1: CSAH 5 & East Dual Blvd	WB	0	696	51	747	0	1	0	A	A	A	1	A	2	A	WB							
			SB	59	0	88	147	15	0	6	C	A	A	10	B			SB	47	103				
				EB	49	484	0	533	7	2	0	A	A	A	2	A			EB			24	70	
Thru-Stop	2: Credit Union Dr & CSAH 5	NB	32	8	73	113	24	26	10	C	D	B	15	C			NB			48	151			
			WB	91	700	41	832	5	1	0	A	A	A	1	A	2	A	WB			43	118		
				SB	0	0	2	2	0	0	3	A	A	A	3	A			SB			2	22	
		FR	1	491	55	547	8	1	0	A	A	A	1	A			FR			1	23			

Table F3. 2019 Build-Alternative 1 AM MOEs

Intersection	Control	Location	Appr	Forecast Volumes				Total Delay by Movement				LOS by Movement			LOS by Approach (Sec/Veh)			LOS by Intersection (Sec/Veh)		Appr	Average & Maximum Traffic Queueing (feet)					
				L	T	R	Total	L	T	R		L	T	R	Delay	LOS	Delay	LOS	Delay		Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage
1: CSAH 5 & East Dual Blvd	Signalized		WB	0	360	37	397	0	9	2		A	A	A	8	A	12	B		WB	35	97		69	122	
			SB	70	0	43	113	14	0	5		B	A	A	11	B				SB	27	59		166	329	
			EB	57	677	0	734	10	15	0		B	B	A	15	B				EB				27	58	
2: Credit Union Dr & CSAH 5	Thru-Stop		NB	12	2	43	57	20	20	4		C	C	A	8	A				NB	27	69	100			
			WB	68	384	39	491	9	0	0		A	A	A	1	A	2	A		WB						
			SB	0	0	0	0	0	0	0		A	A	A	0	A				SB						
			EB	4	723	22	749	6	3	2		A	A	A	3	A				EB	2	23	100	1	18	

Table F4. 2019 Build-Alternative 1 PM MOEs

Intersection	Control	Location	Appr	Forecast Volumes				Total Delay by Movement				LOS by Movement			LOS by Approach (Sec/Veh)			LOS by Intersection (Sec/Veh)		Appr	Average & Maximum Traffic Queueing (feet)					
				L	T	R	Total	L	T	R		L	T	R	Delay	LOS	Delay	LOS	Delay		Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage
1: CSAH 5 & East Dual Blvd	Signalized		WB	0	696	51	747	0	11	3		A	B	A	10	B				WB	36	108		105	187	
			SB	59	0	88	147	12	0	5		B	A	A	8	A	11	B		SB	29	64		116	217	
			EB	49	484	0	533	12	12	0		B	B	A	12	B				EB				43	90	
2: Credit Union Dr & CSAH 5	Thru-Stop		NB	32	8	73	113	22	16	7		C	C	A	12	B				NB	26	71	100		6	
			WB	91	700	41	832	6	1	0		A	A	A	1	A	3	A		WB				2	30	
			SB	0	0	2	2	0	0	4		A	A	A	4	A				SB						
			EB	1	491	55	547	6	3	2		A	A	A	3	A				EB	1	22	100		6	

Table F7. 2019 Build-Alternative 3 AM MOEs

Intersection		Appr	Modeled Volumes				Total Delay by Movement				LOS by Movement				LOS by Approach (Sec/Veh)		Appr	Average & Maximum Traffic Queueing (feet)												
			L	T	R	Total	L	T	R	L	T	R	L	Delay	LOS	Ave Queue		Max Queue	Storage	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage					
Control	Location	CSAH 5 & East Dual Blvd	WB		396	31	417			3	3			A	A	3	A	WB					3	156						
			SB	60		52	112	3		2	A						3	A	SB	0	62							0	62	
			EB	48	684		732	2	3		A	A			3	A			EB	2	161									
Roundabout	CSAH 5 & Credit Union Dr	NB	10	2	40	52	5	6	4	A	A	A	A	4	A			NB	1	34			1	34				1	34	
		WB	44	409	62	515	3	5	3	A	A	A	A	4	A	3	A	WB	5	257			5	257			5	257		
		EB	48	684	21	753	2	2	2	A	A	A	A	2	A			EB					2	142			2	142		

Table F8. 2019 Build-Alternative 3 PM MOEs

Intersection		Appr	Modeled Volumes				Total Delay by Movement				LOS by Movement			LOS by Approach (Sec/Veh)			Appr	Average & Maximum Traffic Queueing (feet)						
			L	T	R	Total	L	T	R	L	T	R	L	Delay	LOS	Max Queue		Storage	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	
Control	Location	CSAH 5 & East Dual Blvd	WB		694	44	738		3	2			A	A	3	A		WB						
			SB	43		102	145	7		6	A			7	A		SB	3	98					
			EB	44	493		537	4	4		A	A		4	A		EB	3	431					
Roundabout	CSAH 5 & Credit Union Dr	NB	26	10	78	114	5	2	3	A	A	A	A	4	A		NB	1	98					
		WB	44	713	86	843	5	6	4	A	A	A	A	6	A		WB	15	431					
		EB	44	493	54	591	4	4	5	A	A	A	A	4	A		EB					6	169	

Table F13. 2039 Build-Alternative 1 PM MOEs

Intersection		Average & Maximum Traffic Queueing (feet)																														
		Appr	Forecast Volumes			Total Delay by Movement			LOS by Movement			LOS by Approach (Sec/Veh)		LOS by Intersection (Sec/Veh)		Appr	Left-Turn						Through			Right-Turn						
			L	T	R	Total	L	T	R	L	T	R	Delay	LOS	Delay		LOS	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage	Ave Queue	Max Queue	Storage						
Control	Location	WB	0	766	56	822	0	11	3	A	B	A	10	B																		
		SB	65	0	97	162	12	0	6	B	A	A	8	A	11	B																
		EB	54	532	0	586	13	12	0	B	B	A	12	B																		
Thru-Stop	2: Credit Union Dr & CSAH 5	NB	35	9	80	124	27	32	11	D	D	B	17	C																		
		WB	100	770	45	915	7	1	0	A	A	A	2	A	3	A																
		SB	0	0	2	2	0	0	3	A	A	A	3	A																		
		EB	1	540	61	602	0	3	2	A	A	A	3	A																		

Table F16. 2039 Build-Alternative 3 AM MOEs

Intersection Control	Location	Appr	Modeled Volumes			Total Delay by Movement			LOS by Movement			LOS by Approach (Sec/Veh)		LOS by Intersection (Sec/Veh)		Average & Maximum Traffic Queueing (feet)					
			L	T	R	Total	L	T	R	L	T	R	L	Delay	LOS	Left-Turn	Through	Right-Turn	Ave Queue	Max Queue	Storage
			L	T	R	Total	L	T	R	L	T	R	Delay	LOS	LOS						
Roundabout	CSAH 5 & East Dual Blvd	WB		424	32	456		4	4			A	4	A		WB			6	233	
		SB	65		60	125	5		3	A		A	4	A	5	SB	1	42			
		EB	59	757		816	4	5		A	A		5	A		EB	9	384	10	369	
Roundabout	CSAH 5 & Credit Union Dr	NB	10	2	46	57	4	6	4	A	A	A	4	A		NB	0	37	0	37	
		WB	48	447	70	565	5	6	7	A	A	A	6	A	5	WB	11	241	11	241	
		EB	59	757	24	840	4	3	2	A	A	A	3	A		EB			10	369	

Table F17. 2039 Build-Alternative 3 PM MOEs

Intersection Control	Location	Appr	Modeled Volumes			Total Delay by Movement			LOS by Movement			LOS by Approach (Sec/Veh)		LOS by Intersection (Sec/Veh)		Average & Maximum Traffic Queueing (feet)					
			L	T	R	Total	L	T	R	L	T	R	L	Delay	LOS	Left-Turn	Through	Right-Turn	Ave Queue	Max Queue	Storage
			L	T	R	Total	L	T	R	L	T	R	Delay	LOS	LOS						
Roundabout	CSAH 5 & East Dual Blvd	WB		763	47	810		5	4			A	5	A		WB			11	254	
		SB	56		110	166	9		7	A		A	8	A	5	SB	4	62			
		EB	49	544		593	4	5		A	A		5	A		EB	5	317	13	221	
Roundabout	CSAH 5 & Credit Union Dr	NB	28	13	88	129	4	3	4	A	A	A	4	A		NB	1	62	1	62	
		WB	47	783	92	922	8	9	8	A	A	A	9	A	7	WB	21	317	21	317	
		EB	49	544	60	653	4	6	6	A	A	A	6	A		EB			13	221	



Memo for Council Action

To: Mayor Johnson and Members of the City Council
From: Jenny Garvey - Parks, Recreation and Culture Manager
Date: October 6th, 2020
Subject: Resolution Approving a Special Event Application for Rum River BMX for MN State Series Finals

Background

The City has received an application for the upcoming special event planned for the Rum River BMX Association. The MN State Series Finals weekend is scheduled for October 23rd -25th, 2020.

- Hours of the event are Friday October 23rd from 4:00 p.m. to 9:00 p.m., Saturday October 24th from 1:00 p.m. to 6:00 p.m. and Sunday October 25th from 9:00 a.m. to 5:00 p.m.
- Estimates the number of individuals in attendance is 1,000-2,000 per day.
- Team canopies may be put up on the grass outside the arena (to the east and south), all canopies must use weights to secure canopies, the Association will notify participants to not use stakes to protect the irrigation lines.
- The Association is planning for spectator parking to take place at the Indoor Arena and within the Bluebird Park lots as overflow parking, along with the soccer field parking lot.
- Daily event and camper parking will occur on the grass south of the Isanti Indoor Arena, per the Special Event Paid Parking Agreement, and the fees for this event will be \$5/day for cars and trucks and \$25/weekend for RVs.
- Portable restroom facilities will be provided by the Association for the event, and the organization is responsible for clean-up of the outside areas.
- The standard public addressing system would be used throughout the event.
- Association is not requesting that any roads be closed.

Attachments

- Resolution 2020-XXX
- Special Event Application
 - Application Form
 - Site Map
 - Release and Indemnification Agreement

RESOLUTION 2020-XXX

**APPROVING A SPECIAL EVENT APPLICATION FOR RUM RIVER BMX
MN STATE SERIES FINALS**

WHEREAS, the Rum River BMX Association submitted a Special Event application requesting approval to host the MN State Series Finals; and,

WHEREAS, the event is scheduled to take place on Friday October 23rd from 4:00 p.m. to 9:00 p.m., Saturday October 24th from 1:00 p.m. to 6:00 p.m. and Sunday October 25th from 9:00 a.m. to 5:00 p.m. at the Isanti Indoor Arena located at 101 Isanti Parkway NW; and,

WHEREAS, the south and east sides of the Isanti Indoor Arena will be reserved for team canopies and event activities;

WHEREAS, the canopy users must use weights and not stakes in the ground to secure canopies; and,

WHEREAS, the estimated number of people to be in attendance is 1,000-2,000 per day; and,

WHEREAS, daily event and camper parking will occur on the grass south of the Isanti Indoor Arena, per the Special Event Paid Parking Agreement, and the fees for this event will be \$5/day for cars and trucks and \$25/weekend for RVs; and,

WHEREAS, overflow parking will occur in the paved lots at Bluebird Park, and the Soccer field parking lot, and there will be no fees for this use; and,

WHEREAS, the applicant is required to provide additional portable restroom facilities for the event, in which the applicant will be contacting its current supplier to do so prior to the event; and,

WHEREAS, the applicant is required to follow all applicable governor orders and their COVID plan;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota to approve the Special Event Permit request for the MN State Series Finals race,

AND FURTHERMORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota that this Resolution is hereby the "Permit" for the above stated Special Event.

This resolution was duly adopted by the Isanti City Council this 6th day of October, 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk



SPECIAL EVENT PERMIT APPLICATION

City of Isanti
110 First Avenue NW • PO Box 428
Isanti, MN 55040
Phone: 763.444.5512 • Fax: 763.444.5560
www.cityofisanti.us

If you are planning an event that requires a Special Event Permit, please complete the application and any required supplemental forms. To ensure your application is processed quickly, be specific and complete in all responses. **Applications must be submitted at least 30 days prior to the event to be considered.**

ITEMS TO ACCOMPANY THE APPLICATION

Required with all applications

- ☒ Complete Application Form
- ☐ Cleanup Deposit Fee - \$100
- ☒ Proof of Insurance or Certificate of Insurance
- ☒ Site Map
- ☒ Approval Letter from the Property Owner
- ☐ Proof of written notification to property owners within 350 feet of the special event

Check all that apply:

- ☐ Signs will be posted for event:
 - ☐ [Temporary Sign Permit Application](#) required
 - ☐ \$50 fee
- ☐ Alcohol will be served and/or sold at event:
 - ☐ [Licenses](#) (may take up to 60 days to process)
 - ☐ Fees apply, amounts vary by license type.
- ☐ Vendors will be present:
 - ☐ [Peddler's Permit](#) (background check required) submitted by event organizer only
 - ☐ \$25 fee for one-day applications
 - ☐ [Vendor List](#)
- ☒ Event will occur on City Property:
 - ☒ [Release and Indemnification Agreement](#)

Supplemental information may be required by City staff.

Additional forms can be found on the City of Isanti website or requested at Isanti City Hall. Please note that additional required permits or licenses may take additional time to process.

*rec'd
9/18/2000
AW*

SPECIAL EVENT PERMIT APPLICATION

Submittal Date: 9/14/2020

APPLICANT INFORMATION

Sponsoring Entity (if applicable): Rum River BMX

Contact Person: Larry Merchlewitz

Address: 101 Isanti Parkway NW

City: Isanti State: MN Zip: 55040

Phone: [REDACTED] - Cell: - -

E-mail: [REDACTED]

Secondary Contact Person: Sean Wilson

Address: 101 Isanti Parkway NW

City: Isanti State: MN Zip: 55040

Phone: [REDACTED] Cell: [REDACTED] E-mail: [REDACTED]

EVENT INFORMATION

Event Name: Minnesota State Series Finals

Date(s) of Event: October 23rd, 24th and 25th of 2020

Hours of Event: Friday 4pm-9pm Saturday 1pm-6pm and Sunday 9am - 5pm

Type of Event: ☒ Open to the Public ☐ Private ☐ Other: _____

Describe Event (List all activities. Provide flyer or other marketing materials as available.):

BMX racing - Finals race for the Minnesota State BMX Championship.

Proposed Location of the Event (be specific, site map also required):

Isanti Indoor Arena - Grass area to the east may be used for team canopies. Overnight camping Thursday thru Sunday in the grass field to the south of the Isanti Indoor Arena. Fees for overnight camping shall be structured per parking/camping agreement with the city of Isanti.

Estimated Number of People in Attendance (includes staff, participants, and spectators):

1,000-1,200

Parking Impact – Describe in detail:

Parking shall be contained to the paved surfaces. No parking on grass on the east side of the Isanti Indoor Arena. Overflow may be at Bluebird Park, Skateboard Park parking lots and Soccer field parking lots. Grass area to the south will be for paid autos & RVs per agreement with the City of Isanti.

Tents, equipment, amusement rides, etc.

Type: BMX teams will bring their own canopies.

Size: 10' X 10' up to 20' X 20'

Location: South and east sides of Isanti Indoor Arena

Are Fire Prevention or EMS needed? Please specify and if being provided, please identify the name or entity providing these services:

Off duty first responders will be on hand. Allina Heath Services Ambulance may be on site, unless they need to respond to another call.

Are you requesting any street closures? If yes, list streets:

No

Restrooms (Portable) – Name or entity providing these services; and number of facilities to be provided. When other restroom facilities are not provided on-site or are limited; the applicant will need to pay for additional restroom facilities. For those events exceeding 75 persons, one (1) additional restroom shall be provided; for events exceeding 150 persons, two (2) additional restrooms shall be provided. For events exceeding 250; the Planning for Special Events-Usage Chart shall be used.

Absolute Portable Restrooms, Cambridge MN. will supply four portable bathrooms. We will also have the existing restrooms in Isanti Indoor Arena.

Security Plans – Name or entity providing these services. (A Police Officer is required if alcohol is being served or at the discretion of the Police Chief).

No alcohol will be served during this event. Security is not required.

Clean-up Plans – Describe in detail:

Rum River BMX volunteers will be cleaning up on the property. We will have a roll away dumpster to handle the garbage.

Live entertainment – Describe in detail:
No live entertainment on site.

Will any other public addressing system or sound amplification be used? If so, describe:
Only sound audio system that will be used is the current system indoors.

If the event will be held on public property, please provide the following information: (1) Will tickets be sold for the event? (2) Is a donation of any kind required? (3) What is the purpose of the money that is collected?

Race fees are collected for riders on the track only to cover the cost of the event. All overnight campers and daily parking shall pay the required camping fees per City and Rum River BMX Association agreement.

Depending upon the type of special event, some items may not be required or may be waived as part of the review process. Larger events may require additional information, in order to properly process the request.

APPLICANT SIGNATURE

I declare that the information I have provided on this application is truthful and I understand that falsification of answers on this application will result in denial of the application. I authorize the City of Isanti to investigate and make whatever inquiries necessary to verify the information provided.

Applicant Signature: _____

OFFICE USE ONLY

Reviewed By: (Any concerns / comments will be attached to the application)

Fire Chief

☒ Approved ☐ Denied ☐ N/A Signature: per email

Police Chief *

☒ Approved ☐ Denied ☐ N/A Signature: per email

Public Services Director

☒ Approved ☐ Denied ☐ N/A Signature: Mu

Community Events & Parks Coordinator

☒ Approved ☐ Denied ☐ N/A Signature: guf

Community Development Director

☒ Approved ☐ Denied ☐ N/A Signature: SS

City Administrator

☒ Approved ☐ Denied ☐ N/A Signature: Qu Wood

City Council

☐ Approved ☐ Denied

Date of Review: _____

* Note: follow Covid plan and applicable executive orders





**SPECIAL EVENT PERMIT
APPLICATION**

City of Isanti
110 First Avenue NW • PO Box 428
Isanti, MN 55040
Phone: 763.444.5512 • Fax: 763.444.5560
www.cityofisanti.us

**Special Event Equipment
Request Form**

Event Name: Minnesota BMX State Finals

Date(s) of Event: October 23rd, 24th and 25th of 2020

Contact Person: Larry Merchlewitz

Equipment Drop Off/Pick Up Location: Isanti Indoor Arena 101 Isanti Parkway NW

Equipment Drop Off Date/Time: October 22nd

Please list the number of each item requested. Isanti Public Works will determine the availability of equipment for each event, and reserves the right to deny requests. *All equipment must be returned no later than 24 hours after the end of the event. The replacement of any broken or missing equipment will be billed to the event organizers.*

Construction Cones: 0

Picnic Tables: 0

Barricades: 5

Stage: 0

Road Closed Signs: 0

No Parking Signs: 30 small sign

Office Use Only

Date Delivered: _____ By: _____

Date Checked In: _____ By: _____



**SPECIAL EVENT PERMIT
APPLICATION**

City of Isanti
110 First Avenue NW • PO Box 428
Isanti, MN 55040
Phone: 763.444.5512 • Fax: 763.444.5560
www.cityofisanti.us

**-EVENT SPONSOR-
RELEASE AND INDEMNIFICATION AGREEMENT**

City of Isanti

**THIS IS A RELEASE OF LIABILITY INDEMNIFICATION AGREEMENT. SPECIAL
EVENTS HOLDER MUST READ CAREFULLY BEFORE SIGNING.**

In consideration for being permitted to engage in the following special event activities on property
owned by the City of Isanti:

Bmx pedal bike Minnesota State Series Finals Located at the Isanti Indoor Arena on
October 23rd, 24th and 25th of 2020.

Special Events Holder hereby acknowledges, represents, and agrees as follows:

- A. We understand that the above described activities are or may be dangerous and do or
may involve risks of injury, loss, or damage to us and/or third parties. We further
acknowledge that such risks may include but not be limited to bodily injury,
personal injury, sickness, disease, death, and property loss or damage, arising from
the following circumstances, among others:
BMX pedal bike racing.

(Special Events Holder Initials Here) _____

- B. If required by this paragraph, we agree to require each participant to our special
event to execute a **RELEASE AND INDEMNIFICATION AGREEMENT** for
ourselves and for the City of Isanti, on a form approved by the City of Isanti.

Participant Release and Indemnification required? YES ☒ NO ☐

(Special Events Holder Initials Here) SEM

- C. We agree to procure, keep in force, and pay for special event insurance coverage, from an insurer acceptable to the City of Isanti, for the duration of the above described activities.

(Special Events Holder Initials Here) SM

- D. By signing this **RELEASE AND INDEMNIFICATION AGREEMENT**, we hereby expressly assume all such risks of injury, loss, or damage to us or any related third party, arising out of or in any way related to the above described activities,

whether or not caused by the act, omission, negligence, or other fault of the City of Isanti, its officers, its employees, or by any other cause.

(Special Event Holder Initials Here) SM

- E. By signing this **RELEASE AND INDEMNIFICATION AGREEMENT**, we further hereby exempt, release and discharge the City of Isanti, its officers, and its employees from any and all claims, demands, and actions for such injury, loss or damage to us or to any third party, arising out of or in any way related to the above described activities, whether or not caused by the act, omission, negligence, or other fault of the City of Isanti, its officers, its employees, or by any other cause.

(Special Event Holder Initials Here) SM

- F. We further agree to defend, indemnify and hold harmless the City of Isanti, its officers, employees, insurers, and self insurance pool, from and against all liability, claims, and demands, court costs and attorney fees, including those arising from any third party claim asserted against the City of Isanti, its officers, employees, insurers or self insurance pool, on account of injury, loss or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property damage or loss, or any other loss of any kind whatsoever, which arise out of or are in any way related to the above described activities, whether or not caused by our act, omission, negligence, or other fault of the City of Isanti, its officers, its employees, or by any other cause.

(Special Event Holder Initials Here) SM

- G. By signing this **RELEASE AND INDEMNIFICATION AGREEMENT**, we hereby acknowledge and agree that said Agreement extends to all acts omissions, negligence, or other fault of the City of Isanti, its officers, and/or its employees, and that said Agreement is intended to be as broad and inclusive as is permitted by the laws of the State of Minnesota. If any portion thereof is held invalid, it is further agreed that the balance shall, notwithstanding, continue in full legal force and effect.

(Special Event Holder Initials Here) SM

City of Isanti

110 1st Avenue NW • PO Box 428 • Isanti, MN 55040 • Phone (763) 444-5512 • Fax (763) 444-5560

- H. We understand and agree that this **RELEASE AND INDEMNIFICATION AGREEMENT** shall be governed by the laws of the State of Minnesota and that jurisdiction and venue for any suit or cause of action under this agreement shall lie in the courts.

(Special Event Holder Initials Here) AM

- I. This **RELEASE AND INDEMNIFICATION AGREEMENT** shall be effective as of the date or dates of the applicable special event, shall continue in full force until our responsibilities hereunder are fully discharged, and shall be binding upon us, or successors, representatives, heirs, executors, assigns, and transferees.

(Special Event Holder Initials Here) AM

IN WITNESS THEREOF, THIS RELEASE AND INDEMNIFICATION AGREEMENT is executed by the special event holder, acting by and through the undersigned, who represents that he or she is properly authorized to bind the Special Events Holder hereto.

PRINTED NAME OF SPECIAL EVENTS HOLDER:

Rum River BMX Association

PRINTED NAME AND TITLE OF PERSON SIGNING ON BEHALF OF SPECIAL EVENTS HOLDER:

Name Larry Merchlewitz

Title Community Outreach Director

Signature Larry Merchlewitz

Date 9/15/2020



Real People. Real Solutions.

7533 Sunwood Drive NW
Suite 206
Ramsey, MN 55303-5119

Ph: (763) 433-2851
Fax: (763) 427-0833
Bolton-Menk.com

MEMORANDUM

Date: September 29, 2020
To: Honorable Mayor Johnson and Members of the City Council
From: Jason W Cook, P.E.
City Engineer
Subject: 6th Avenue SW Rehabilitation
Public Hearing on Proposed Assessments
City of Isanti, MN
Project No.: R13.120122

The 6th Avenue SW Rehabilitation project has followed the MS 429 Special Assessment procedure. A feasibility report was completed, an Improvement Hearing was held, the project was publicly bid and awarded to the low responsible bidder. The project is scheduled to be completed on time and on budget.

A public hearing is required to be held on the proposed assessment finalizing the assessment process and recording the assessments. At this time, the council needs to call for the public hearing which would be scheduled to be held on November 4, 2020.

Attached is the resolution finalizing the assessment roll and calling for the public hearing on the proposed assessment.

Please contact me with any questions or comments.

RESOLUTION 2020-XXX

DECLARING COST TO BE ASSESSED, ORDERING PREPARATION OF PROPOSED ASSESSMENT, AND ORDERING HEARING ON PROPOSED ASSESSMENT – 6th AVENUE SW REHABILITATION PROJECT

WHEREAS, a contract has been let for the 2020 6th Avenue SW Rehabilitation Project and described herein the improvement of 6th Avenue SW, from the intersection of South Brookview Lane SW to the intersection of Edgewood Street SW. Project work also included, but not assessed, includes installation of a new watermain and sidewalk construction. The contract (bid) price for such improvement is \$538,044.14, and the expenses incurred or to be incurred in the making of such improvement will amount to approximately \$126,494.96 so that the total cost of the improvement will be \$664,539.10.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota as follows:

1. The portion of the cost of such improvement to be paid by the city is hereby declared to be \$590,259.97 and the portion of the cost to be assessed against benefited property owners is declared to be \$74,279.13.
2. Assessments shall be payable in equal annual installments extending over a period of 10 years, the first of the installments to be payable on or before the 15th day of May, 2021, and shall bear interest at the rate of 1.71% percent per annum from the date of the adoption of the assessment resolution.
3. The city clerk, with the assistance of the consulting city engineer, shall forthwith calculate the proper amount to be specially assessed for such improvement against every assessable lot, piece or parcel of land within the district affected, without regard to cash valuation, as provided by law, and a copy of such proposed assessment shall be filed in the city office for public inspection.

AND FUTHERMORE, NOW THEREFORE, BE IT RESOLVED by the City Council of Isanti, Minnesota:

1. The City Clerk hereby notifies that such proposed assessment has been completed and filed in the city office for public inspection.
2. A hearing shall be held on **the 4th day of November, 2020** in the city hall at 7:00 pm. to pass upon such proposed assessment and at such time and place all persons owning

property affected by such improvement will be given an opportunity to be heard with reference to such assessment.

3. The City Clerk is hereby directed to cause a notice of the hearing on the proposed assessment to be published once in the official newspaper at least two weeks prior to the hearing, and the total cost of the improvement shall be stated. The Clerk shall also cause mailed notice to be given to the owner of each parcel described in the assessment roll not less than two weeks prior to the hearing date.
4. The owner of any property so assessed may, at any time prior to certification of the assessment to the county auditor, pay the whole of the assessment on such property, with interest accrued to the date of payment, to the City of Isanti, except that no interest shall be charged if the entire assessment is paid within 30 days from the adoption of the assessment. They may at any time thereafter, pay to the City of Isanti the entire amount of the assessment remaining unpaid, with interest accrued to December 31 of the year in which such payment is made. Such payment must be made before November 15 or interest will be charged through December 31 of the succeeding year.

This resolution was duly adopted by the Isanti City Council this 6th day of October 2020

Attest :

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

City of Isanti

Check Register - Mayor/Council Approval
Check Issue Dates: 9/14/2020 - 9/16/2020

Page: 1

Sep 16, 2020 07:11AM

Report Criteria:

Report type: Summary

Check Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
09/20	09/16/2020	54360	494	ALLINA HEALTH SYSTEM	101-20200	852.96
09/20	09/16/2020	54361	9	BERNICKS PEPSI-COLA	609-20200	1,011.88
09/20	09/16/2020	54362	368	BILLS QUALITY CLEANING	101-20200	521.00
09/20	09/16/2020	54363	1474	CDW GOVERNMENT INC	101-20200	561.10
09/20	09/16/2020	54364	1198	CENTER POINT ENERGY	601-20200	458.07
09/20	09/16/2020	54365	1822	CENTURYLINK BUSINESS SERVICES	101-20200	49.70
09/20	09/16/2020	54366	918	CRYSTAL SPRINGS ICE	609-20200	261.63
09/20	09/16/2020	54367	8	DAHLHEIMER DISTRIBUTING CO	609-20200	14,730.05
09/20	09/16/2020	54368	833	DIAMOND VOGEL PAINT	101-20200	663.16
09/20	09/16/2020	54369	55	ECM PUBLISHERS INC	609-20200	161.00
09/20	09/16/2020	54370	2480	INTECTURAL, INC.	101-20200	1,078.00
09/20	09/16/2020	54371	7	JOHNSON BROTHERS LIQUOR CO	609-20200	8,597.57
09/20	09/16/2020	54372	2647	JOHNSON CONTROLS	920-20200	534.33
09/20	09/16/2020	54373	136	LEAGUE OF MN CITIES	101-20200	6,642.00
09/20	09/16/2020	54374	17	MCDONALD DISTRIBUTING CO	609-20200	9,633.62
09/20	09/16/2020	54375	616	MENARDS - CAMBRIDGE	101-20200	196.94
09/20	09/16/2020	54376	2953	MIDCONTINENT COMMUNICATIONS	108-20200	138.35
09/20	09/16/2020	54377	2116	MINUTEMAN PRESS	101-20200	1,994.36
09/20	09/16/2020	54378	176	MN DEPT OF REVENUE	101-20200	35,385.00
09/20	09/16/2020	54379	1845	MN DEPT OF TRANSPORTATION	444-20200	1,359.15
09/20	09/16/2020	54380	2842	MN PEIP	861-20200	23,240.70
09/20	09/16/2020	54381	617	PAUSTIS & SONS	609-20200	412.00
09/20	09/16/2020	54382	2341	RED BULL DISTRIBUTION	609-20200	176.50
09/20	09/16/2020	54383	73	STAR	609-20200	219.65
09/20	09/16/2020	54384	554	STEVES TIRE INC	101-20200	127.80
09/20	09/16/2020	54385	2879	TACTICAL ADVANTAGE, LLC	101-20200	523.50
09/20	09/16/2020	54386	1354	TAPES PLUS ADVERTISING	609-20200	295.00
09/20	09/16/2020	54387	626	THE WINE COMPANY	609-20200	101.00
09/20	09/16/2020	54388	1740	TOSHIBA FINANCIAL SERVICES	108-20200	273.98
09/20	09/16/2020	54389	1820	URBANS HARDWARE INC	101-20200	60.74
09/20	09/16/2020	54390	2524	US BANK EQUIPMENT FINANCE	101-20200	63.00
09/20	09/16/2020	54391	2027	US INTERNET	603-20200	57.80
09/20	09/16/2020	54392	42	VIKING COCA-COLA BOTTLING CO	609-20200	257.30
09/20	09/16/2020	54393	4	WATSON CO INC	609-20200	3,141.48
09/20	09/16/2020	54394	1922	WEX BANK	609-20200	2,506.56
09/20	09/16/2020	54395	1129	ZARNOTH BRUSH WORKS INC	603-20200	2,084.00
Grand Totals:						118,370.88

City of Isanti

Check Register - Mayor/Council Approval

Page: 1

Check Issue Dates: 9/22/2020 - 9/23/2020

Sep 23, 2020 11:34AM

Report Criteria:

Report type: Summary

Check.Type = {<->} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
09/20	09/23/2020	54399	127	ABDO, EICK & MEYERS, LLP	411-20200	1,500.00
09/20	09/23/2020	54400	2689	ADVANCED POWER SERVICES INC	602-20200	835.00
09/20	09/23/2020	54401	1141	ASSURANT EMPLOYEE BENEFITS	861-20200	583.23
09/20	09/23/2020	54402	53	BELLBOY CORPORATION	609-20200	6,694.97
09/20	09/23/2020	54403	9	BERNICKS PEPSI-COLA	609-20200	684.80
09/20	09/23/2020	54404	1500	BOLTON & MENK INC	601-20200	15,712.95
09/20	09/23/2020	54405	2221	C & L DISTRIBUTING	609-20200	392.45
09/20	09/23/2020	54406	1474	CDW GOVERNMENT INC	101-20200	39.00
09/20	09/23/2020	54407	1815	CENTURYLINK	609-20200	887.44
09/20	09/23/2020	54408	2751	CMS MONITORING	101-20200	60.00
09/20	09/23/2020	54409	918	CRYSTAL SPRINGS ICE	609-20200	263.52
09/20	09/23/2020	54410	8	DAHLHEIMER DISTRIBUTING CO	609-20200	18,150.52
09/20	09/23/2020	54411	2478	EAST CENTRAL ENERGY	101-20200	42.85
09/20	09/23/2020	54412	55	ECM PUBLISHERS INC	609-20200	161.00
09/20	09/23/2020	54413	16	ELECTRO WATCHMAN INC	609-20200	272.53
09/20	09/23/2020	54414	2933	FALCON NATIONAL BANK	101-20200	3,239.22
09/20	09/23/2020	54415	1682	FERGUSON WATERWORKS	601-20200	29.75
09/20	09/23/2020	54416	2028	FURTHER	101-20200	31.40
09/20	09/23/2020	54417	1009	GAMETIME	101-20200	1,990.76
09/20	09/23/2020	54418	160	HAWKINS INC	601-20200	1,829.72
09/20	09/23/2020	54419	2209	INNOVATIVE OFFICE SOLUTIONS, INC	101-20200	51.58
09/20	09/23/2020	54420	114	ISANTI COUNTY RECORDER	505-20200	46.00
09/20	09/23/2020	54421	1563	ISANTI ELECTRIC INC	101-20200	1,072.67
09/20	09/23/2020	54422	113	ISANTI TIRE & AUTO CARE INC	101-20200	20.00
09/20	09/23/2020	54423	7	JOHNSON BROTHERS LIQUOR CO	609-20200	13,459.89
09/20	09/23/2020	54424	5	KAWALEK TRUCKING	609-20200	459.20
09/20	09/23/2020	54425	2345	LARSEN DIRT WORKS, LLC	101-20200	5,500.00
09/20	09/23/2020	54426	17	MCDONALD DISTRIBUTING CO	609-20200	7,469.92
09/20	09/23/2020	54427	1536	MINNESOTA DEED	219-20200	833.33
09/20	09/23/2020	54428	2080	MVTL LABORATORIES INC	602-20200	147.69
09/20	09/23/2020	54429	2018	NORTH FOLK WINERY	609-20200	348.00
09/20	09/23/2020	54430	2553	O'REILLY	101-20200	37.14
09/20	09/23/2020	54431	44	PHILLIPS WINE & SPIRITS INC	609-20200	11,791.89
09/20	09/23/2020	54432	2954	SAVVIK BUYING GROUP	101-20200	4,604.42
09/20	09/23/2020	54433	808	SHERMIK TREE FARMS	101-20200	600.00
09/20	09/23/2020	54434	2396	SOUTHERN GLAZERS OF MN	609-20200	14,837.69
09/20	09/23/2020	54435	1442	ST. LOUIS MRO INC	101-20200	45.00
09/20	09/23/2020	54436	1361	STAPLES ADVANTAGE	609-20200	803.87
09/20	09/23/2020	54437	97	TOTAL CONTROL SYSTEMS INC	602-20200	8,715.00
09/20	09/23/2020	54438	42	VIKING COCA-COLA BOTTLING CO	609-20200	141.15
09/20	09/23/2020	54439	1286	VINOCOPIA INC	609-20200	273.00
09/20	09/23/2020	54440	4	WATSON CO INC	609-20200	1,709.56
09/20	09/23/2020	54441	2955	WELFRING, JEREMY	101-20200	5.88
Grand Totals:						126,373.99

M = Manual Check, V = Void Check

City of Isanti

Check Register - Mayor/Council Approval

Page: 1

Check Issue Dates: 9/28/2020 - 9/30/2020

Sep 30, 2020 10:50AM

Report Criteria:

Report type: Summary

Check.Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
09/20	09/30/2020	54442	1503	7-UP BOTTLING	609-20200	209.90
09/20	09/30/2020	54443	1898	ABSOLUTE PORTABLE RESTROOMS	104-20200	375.00
09/20	09/30/2020	54444	2873	ADAPCO, LLC	101-20200	577.65
09/20	09/30/2020	54445	953	ALL AMERICAN TITLE CO, INC.	601-20200	94.41
09/20	09/30/2020	54446	2582	ARTS & SCIENCE ACADEMY	101-20200	5,000.00
09/20	09/30/2020	54447	2975	ASCENSION ROOFING & SIDING	101-20200	80.00
09/20	09/30/2020	54448	9	BERNICKS PEPSI-COLA	609-20200	896.74
09/20	09/30/2020	54449	2020	BOYLE, EUGENE	101-20200	2,942.40
09/20	09/30/2020	54450	2319	BREAKTHRU BEVERAGE	609-20200	18,190.43
09/20	09/30/2020	54451	2956	CAMBRIDGE ISANTI ICE ARENA CORP	101-20200	5,000.00
09/20	09/30/2020	54452	1474	CDW GOVERNMENT INC	101-20200	7,590.77
09/20	09/30/2020	54453	120	CONNEXUS ENERGY	101-20200	18,815.80
09/20	09/30/2020	54454	918	CRYSTAL SPRINGS ICE	609-20200	212.76
09/20	09/30/2020	54455	8	DAHLHEIMER DISTRIBUTING CO	609-20200	23,062.28
09/20	09/30/2020	54456	8	DAHLHEIMER DISTRIBUTING CO	609-20200	16.80
09/20	09/30/2020	54457	2720	DEFIANT DISTRIBUTORS	609-20200	482.87
09/20	09/30/2020	54458	1941	DELTA DENTAL	861-20200	3,006.20
09/20	09/30/2020	54459	2957	DISRUD, BOBBI	101-20200	5,000.00
09/20	09/30/2020	54460	2973	EBERHARDT, DAVID & SUSAN	601-20200	83.94
09/20	09/30/2020	54461	2904	EDGEWATER TITLE GROUP	601-20200	74.30
09/20	09/30/2020	54462	1519	EVER CAT FUELS, LLC	101-20200	5,000.00
09/20	09/30/2020	54463	385	FEDERATED CO-OPS INC	602-20200	210.86
09/20	09/30/2020	54464	2972	FRITZ, NEVIN	601-20200	12.16
09/20	09/30/2020	54465	2830	GDO LAW	101-20200	4,083.33
09/20	09/30/2020	54466	739	HACH COMPANY	601-20200	819.31
09/20	09/30/2020	54467	2970	HANNAM, JAMES & RUTH	601-20200	92.74
09/20	09/30/2020	54468	2958	HOCKERT SALES, INC.	101-20200	5,000.00
09/20	09/30/2020	54469	2967	IDLE HANDS TATTOO	101-20200	3,892.00
09/20	09/30/2020	54470	2209	INNOVATIVE OFFICE SOLUTIONS, INC	101-20200	91.19
09/20	09/30/2020	54471	2959	ISANTI BARBER SHOP	101-20200	5,000.00
09/20	09/30/2020	54472	252	ISANTI REDBIRDS	104-20200	48.55
09/20	09/30/2020	54473	7	JOHNSON BROTHERS LIQUOR CO	609-20200	8,304.08
09/20	09/30/2020	54474	5	KAWALEK TRUCKING	609-20200	237.00
09/20	09/30/2020	54475	1170	LAND TITLE INC	601-20200	77.88
09/20	09/30/2020	54476	2974	LANGERMANN, MICHAEL & PATRICIA	601-20200	25.59
09/20	09/30/2020	54477	2961	LONGLEY, SHERRY	101-20200	3,387.00
09/20	09/30/2020	54478	17	MCDONALD DISTRIBUTING CO	609-20200	14,496.75
09/20	09/30/2020	54479	616	MENARDS - CAMBRIDGE	101-20200	31.43
09/20	09/30/2020	54480	870	M-R SIGN CO INC	101-20200	543.00
09/20	09/30/2020	54481	2080	MVTL LABORATORIES INC	602-20200	130.96
09/20	09/30/2020	54482	2960	NORTHERN PAWN, INC.	101-20200	5,000.00
09/20	09/30/2020	54483	617	PAUSTIS & SONS	609-20200	2,763.75
09/20	09/30/2020	54484	44	PHILLIPS WINE & SPIRITS INC	609-20200	3,548.09
09/20	09/30/2020	54485	12	POSTMASTER	603-20200	240.00
09/20	09/30/2020	54486	2130	PROGRESSIVE BUILDERS	601-20200	98.89
09/20	09/30/2020	54487	2969	PUTMAN, JOHN	601-20200	22.12
09/20	09/30/2020	54488	2827	RATWIK, ROSZAK & MALONEY, P.A.	101-20200	3,649.12
09/20	09/30/2020	54489	1013	RENDEZVOUS COFFEE SHOP	101-20200	5,000.00
09/20	09/30/2020	54490	2625	RESULTS TITLE	601-20200	36.09
09/20	09/30/2020	54491	1373	RUM RIVER BMX ASSOCIATION	101-20200	5,000.00
09/20	09/30/2020	54492	2968	RUM RIVER MALLARDS	101-20200	4,098.00
09/20	09/30/2020	54493	2963	SCHEID, RACHEL A.	101-20200	1,000.00
09/20	09/30/2020	54494	2156	SUMMIT COMPANIES	101-20200	8.00

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
09/20	09/30/2020	54495	2793	TEAM LABORATORY CHEMICAL, LLC	602-20200	818.50
09/20	09/30/2020	54496	1290	THE AMBLE GROUP	602-20200	314.96
09/20	09/30/2020	54497	2962	THUNDER BROTHERS BREWERY, INC.	101-20200	5,000.00
09/20	09/30/2020	54498	2964	TRANS MISSISSIPPI BIOLOGICAL SUPPLY INC	101-20200	5,000.00
09/20	09/30/2020	54499	42	VIKING COCA-COLA BOTTLING CO	609-20200	324.95
09/20	09/30/2020	54500	2965	VILLAGE HAIR PARLOR	101-20200	5,000.00
09/20	09/30/2020	54501	4	WATSON CO INC	609-20200	1,504.79
09/20	09/30/2020	54502	2966	WILLOW BRIDGE, INC.	101-20200	5,000.00
09/20	09/30/2020	54503	780	WINE MERCHANTS	609-20200	88.00
09/20	09/30/2020	54504	2971	WINTERS, DEAN & LAURI	601-20200	8.27

Grand Totals:

196,719.61

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Report type: Summary

Check.Type = {<>} "Adjustment"

City of Isanti

Gross Payroll	87,835.54
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Social Security & Medicare	5,002.40
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Public Employees Retirement	9,031.47
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Total City Expense	<u>101,869.41</u>
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Pay Date	9/18/2020
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Pay Period	19 (8/30-9/12/20)
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City of Isanti

Gross Payroll	94,532.59
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Social Security & Medicare	5,178.91
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Public Employees Retirement	9,446.86
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Total City Expense	<u>109,158.36</u>
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Pay Date	10/2/2020
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Pay Period	20 (9/13-9/26/20)
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City of Isanti

Gross Payroll	7,994.25
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Social Security & Medicare	611.57
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Total City Expense	<u>8,605.82</u>
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Pay Date	9/30/2020
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Pay Period:	Q3CCPay20 (7/1-9/30/20)
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RESOLUTION 2020-XXX

AGREEMENT ESTABLISHING A REGIONAL SAFETY GROUP

WHEREAS, Minnesota Statutes, Section 471.59 authorizes governmental units by agreement of their governing bodies to jointly or cooperatively exercise any power common to them; and

WHEREAS, the Parties have a duty to create a safe workplace for their employees, officials and volunteers; and,

WHEREAS, the Isanti City Council finds that it is in the best interest of the City to create a Regional Safety Group (“RSG”) formed by agreements from other nearby cities/entities; and,

WHEREAS, the Parties desire to create a safety group that is innovative and different from a traditional safety and health committee pursuant to Minnesota Rule 5208.0070; and,

WHEREAS, the League of Minnesota Cities Insurance Trust (LMCIT) has developed the Regional Safety Group Initiative to facilitate safety training for cities/entities; and,

WHEREAS, the governing bodies of the Parties believe it is in the best interests of the Parties to cooperatively promote safety and health in the workplace by participating in the Regional Safety Group Initiative; and,

WHEREAS, the Establishing Agreement allows the City of Isanti to begin a new RSG upon adoption of a resolution agreeing to all terms of the Establishing Agreement; and,

WHEREAS, Minnesota Statutes, §471.59, authorizes the Parties by agreement of their governing bodies to jointly or cooperatively exercise any power common to them.

NOW, THEREFORE, in consideration of the mutual covenants made herein, the undersigned Parties agree as follows:

1. Purpose. The purpose of this Agreement is to promote workplace safety and health through the sharing of ideas and knowledge among the Parties and by holding regular joint safety and health training, educational programs, and meetings.
2. Name. The Parties hereby establish a safety group to be known as the CIMM Regional Safety Group (the “RSG”).
3. Membership.
 - A. LMCIT Members. All member cities/entities of the RSG are members in LMCIT’s workers’ compensation program.
 - B. Initial Members. The initial member cities/entities of the RSG shall be the undersigned Parties executing this Agreement upon the approval of their governing bodies.
 - C. New Members. A new member city/entity, that is a member of LMCIT’s workers’ compensation program, may be added to the RSG upon approval of a majority of the current members, as evidenced by a vote of the group members. Each member city/entity of the RSG

shall be entitled to one vote. Following the approval by the RSG, membership in the RSG is effective upon approval and execution of this Agreement, by a prospective member's governing body and its authorized representatives.

- D. Termination of Membership. Any member city/entity may terminate its membership in the RSG upon written notification indicating its intent to withdraw not less than 90 days prior to the end of a current year. Terms will be on an annual calendar basis. Termination takes effect at the end of a current calendar year. A copy of the written termination notice must be sent to the safety coordinator of each member city/entity and to Kris LeRoy, LMCIT Program Manager, or other staff person as designated by LMCIT. Any terminated member shall remain responsible for its share of any costs incurred prior to the effective date of termination. A member city/entity shall also be terminated from the RSG if it is no longer a member of LMCIT's workers' compensation program.
4. Officers and Bylaws: The RSG may adopt bylaws or other rules governing the group that are not inconsistent with this Agreement. The RSG and its officers are not authorized to do any of the following: (a) to receive and expend funds; (b) to enter contracts; (c) to hire employees; (4) to purchase or otherwise acquire and hold real or personal property; or (5) to bring a lawsuit in the name of the RSG.
5. LMCIT Sponsored Training/Meetings. LMCIT offers the RSG safety training/meetings.
- A. Number of Training/Meeting Sessions. The RSG is entitled to twelve (12) training sessions per calendar year with a maximum of 1 per month and a minimum of 1 every-other month. Each training session will be at a site to be determined by the RSG. The date of each training session shall coordinate with the designated training representative.
- B. LMCIT Cost. LMCIT will pay one-half of the cost of each training session up to the maximum of twelve (12) sessions per calendar year. LMCIT will not reimburse members for travel, meals, or other charges.
- C. Member Cost. The remaining cost of each training session shall be paid in equal proportions by each RSG member to LMCIT.* Each member city/entity agrees to pay its share of training costs after receiving an invoice from LMCIT. No member shall be responsible for the unpaid costs of another member. Each member is responsible for its cost even if it does not have a representative attend the training session.
- D. Program Changes. RSG members acknowledge that LMCIT may, at any time, change its obligations to RSG members. Any changes made in the RSG program will be communicated to RSG members within thirty (30) days of the change.
6. Education and Training.
- A. Online Education and Training. LMCIT has established an interactive web-based training program in cooperation with FirstNet Learning. RSG members and their employees, officers, and volunteers are entitled to free access to this online training.
- B. Safety Data Sheet Management service. LMCIT has established an interactive web-based service in cooperation with SDS Access, powered by Damarco Solutions, LLC. RSG members and their employees are entitled to free access to this program to manage their cities safety data sheets.

- C. Other Education and Training. An RSG may hold other training and educational sessions or meetings as determined by the group at the members' expense. Approval from LMCIT is not needed for training or meetings for which no LMCIT subsidy is requested.
- D. Value Added Time. Each member city will utilize the safety trainer on an alternating basis with each of the members within the RSG. The member will work directly with or instruct the trainer on city-specific needs or records that require reviewing. The subject of this time will be determined by the city in coordination with the trainer.
7. Safety Committee Meetings. As a part of any training session, the members may discuss any matters that would typically be discussed in a "joint labor-management safety and health committee" meeting under Minnesota Statutes, Section 182.676 and take any action authorized under Minnesota Rules, Chapter 5208. LMCIT requires each RSG to hold a joint Safety Committee Meeting every-other-month at a minimum.
8. General Provisions.
- A. Modification. No provision of this Agreement may be modified, altered, or rescinded except by a vote of the governing body of a majority of all members. Approved modifications take effect thirty (30) days after the date of approval by the last member approving the modification.
- B. Effective Date. This Agreement shall be effective after approval by the governing body of the last initial member to approve this Agreement and execution by that member's authorized representatives.
- C. Governing Law. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Minnesota.
- D. Counterparts. This Agreement may be executed in several counterparts, each of which shall be an original, all of which shall constitute one and the same instrument.
- E. Savings Clause. If any court finds any provision of this Agreement to be contrary to law or invalid, the remainder of the Agreement will remain in full force and effect.

NOW, THEREFORE, IT IS HEREBY RESOLVED, the Parties, by action of their respective governing bodies, caused this Agreement to be approved by the City of Isanti Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

RESOLUTION 2020-XXX

OFFERING THE POSITION OF PART-TIME LIQUOR STORE CLERK TO MEGHAN GLASSEL

WHEREAS, the City Council of the City of Isanti is required to approve all new employees; and,

WHEREAS, the staff was directed to advertise and accept applications to fill a Liquor Store Part-Time Clerk position; and,

WHEREAS, Meghan Glassel was selected as the most qualified candidate for the open Part-Time Liquor Store Clerk position. Offers are contingent on successfully passing a background check and reference check. If any of the mentioned contingencies are not met, the offer can and will be rescinded;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota, as follows:

1. That Human Resources is hereby directed to offer the Part-Time Liquor Store Clerk position to Meghan Glassel for the City of Isanti and that she shall be eligible to start in that position on or after October 6th, 2020.
2. This position is part time and not eligible for benefits.
3. That Meghan Glassel shall start at Step 1 of the Wage Scale at \$11.89 per hour.
4. That Human Resources is directed to complete all required documentation for the completion of the employment offer.
5. That Human Resources is directed to forward an executed copy of this resolution to the employee and place a copy in the employee's personnel file for future reference.

This Resolution is hereby approved by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

RESOLUTION 2020-XXX

ACCEPTING PARKS, RECREATION AND CULTURE BOARD MEMBER BRIAN
THUM'S RESIGNATION

WHEREAS, Brian Thum was appointed by the City Council to serve as a member of the Parks, Recreation and Culture Board for a term that expires on December 31, 2020; and,

WHEREAS, Brian Thum has provided notice of resignation as a member of the Parks, Recreation and Culture Board effective September 15, 2020;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota that Brian Thum's resignation as a member of the Parks, Recreation and Culture Board is hereby approved and staff is authorized to post the Board vacancy.

This Resolution is hereby approved by the Isanti City Council this 6th day of October 2020

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

RESOLUTION 2020-XXX

ACCEPTING PART-TIME LIQUOR STORE CLERK TERMINATION FOR ELIZABETH KERR

WHEREAS, part-time Liquor Store Clerk, Elizabeth Kerr was unable to meet the minimum requirements of the position and asked to be taken off the schedule; and,

WHEREAS, Elizabeth Kerr was directed on August 18, 2020 to contact Human Resources or the Liquor Store Manager to discuss a work schedule; and,

WHEREAS, Elizabeth Kerr has made no contacted the Liquor Store Manager or Human Resources since August 18, 2020; and,

WHEREAS, Elizabeth Kerr is being terminated from employment effective October 6, 2020; and,

WHEREAS, Elizabeth Kerr is not leaving employment in good standing;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota, to hereby approve as follows:

1. That the resignation of Elizabeth Kerr is hereby accepted effective October 6, 2020.
2. That Human Resources/City Clerk and Liquor Store Manager are hereby directed to fill the position.

This Resolution is hereby approved by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk



MEMO for CITY COUNCIL

To: Mayor Johnson and Members of the City Council
From: Matt Sylvester, Public Services Director
Date: October 6, 2020
Subject: Resolution 2020-XXX Snow Plowing Policy

Background:

Every year the snow plowing policy is reviewed by Committee of the Whole and brought to City Council. Staff has reviewed the policy and is recommending the following changes:

Article II. Procedures

K. Sidewalk Routes to Schools

Whiskey Road - Heritage Blvd to Isanti Parkway West- **to read**

Whiskey Road - Heritage Blvd to the Villages on the Rum Association.

At that point it is the Villages on the Rum Associations sidewalk and their responsibility to clear of snow and ice to Isanti Parkway.

Article V. Administration

A. Council Review

Staff will review the Snow Plowing Policy and Operational Guidelines prior to the next year's snow season and make any recommendations for amendments to the City Council.

Action:

Staff is requesting City Council action on this item.

Attachment:

1. Resolution 2020-XXX Snow Plowing Policy

RESOLUTION 2020-XXX

APPROVING SNOW PLOWING POLICY AND OPERATIONAL GUIDELINES

I. PERSONNEL

All Department of Public Works personnel shall be available for all snow plowing operations, unless on approved leave or unable to respond due to a medical condition.

II. PROCEDURES

A. Alert and Call Out

During normal working hours, the Public Services Director or designee shall be responsible for monitoring street and weather conditions and initiation of snow and ice control procedures.

After hours, on weekends, and during holidays the Police Department shall notify the Public Works On-Call or designee when snow and ice conditions warrant crew alert. Snowplows will not be sent out in situations that may be hazardous due to severely restricted visibility.

B. Salting and Sanding

The City shall consider in order the following factors when establishing application rates and locations for application of salt and/or sand. The City shall use salt as the primary treatment. Sand may be used if there is a traction issue or if weather conditions deem it effective either combined with salt or as a separate treatment.

- 1) Safety of the Motoring Public
- 2) Environmental impact of salt usage
- 3) Cost

Salt or sand shall be applied to the street surface in such quantities so as to provide a level of skid resistance that is consistent with standards normally experienced on city streets throughout the State of Minnesota. It is recognized that a bare pavement policy is not possible at all times during winter.

Streets shall be spot salted (or sanded) to provide skid resistance and traction consistent with area standards in accordance with the following priorities:

- 1) All controlled intersections along Main Street, Heritage Blvd, County Road 23 and all curves.
- 2) School zones
- 3) Commercial and industrial streets
- 4) Residential – blanket sanding of general snow pack on residential streets will not be done.
- 5) In rare instances, when ice accumulation renders the streets unsafe to drive, the Public Services Director may authorize blanket sanding of city streets to restore vehicle traction.

C. Snow Plowing

The City will plow all storms of over 2 inches. During the season, snowfall of less than 2 inches may be removed depending on road conditions. Snow plowing shall normally begin when accumulation reaches a point where functional traffic flow is inhibited. Typical plow start time is 3:00 a.m. Plowing may start earlier in the prior evening, or delayed after 3:00 a.m., or may start during the daytime if conditions warrant. Plowing shall begin as close as practicable to the time snowfall ceases and will continue as visibility and operator safety permit. Work periods shall not exceed safe limits that operators can continue without rest.

Snow removal operations shall proceed as rapidly as possible in accordance with the following priorities:

- 1) Fire Hall Access Area
- 2) Police Department Access Area
- 3) Snow Emergency Routes - These routes (listed in this resolution) are typically first plowed. In extreme snowfalls, these routes shall be plowed to maintain the driving lanes in a passable condition until normal snow plowing activities resume.
- 4) 2" or more snow event, Downtown sidewalks from the Railroad Tracks on the east and traveling west to the intersection of Main and 2nd Avenue.
- 5) Sidewalk Routes to Schools –Primary sidewalks listed in this resolution.
- 6) Residential Streets
- 7) City Downtown Parking Lot, City Hall Parking lot and Isanti Community Center Lot
- 8) Municipal Liquor Store Parking Lot
- 9) Alleys
- 10) Eagle Park Parking Lot
- 11) Isanti Indoor Arena
- 12) All Other Sidewalks – Secondary sidewalks (except exempt sidewalks)
- 13) River Bluff Preserve and Bluebird Park Parking Lots
- 14) Ice Skating Rink

For a storm of roughly 6 to 10 inches, it shall be the goal of the City to have all streets plowed curb-to-curb within 12 hours after snowfall stops. Storms of larger magnitude or extremely wet snow will take longer depending on severity. Extreme snowfalls may warrant the opening of two lanes in the middle of the street initially with full width plowing to follow at a later time.

It shall be the policy of the City that the opening of driveways will not be the responsibility of the City. Property owners shall be responsible for clearing driveways, and walkways. For a 2" or more snow event, the City shall clean all sidewalks and trails that provide direct access to the Primary, Intermediate and Middle Schools.

D.

Snow Hauling

Snow may be hauled from streets where snow accumulation has created limited visibility near intersections. Snow may be hauled away in areas, such as cul-de-sacs,

where there is limited space to wing back snow to accommodate for more snow accumulation. Snow will be hauled from the following streets:

1) Main Street between 3rd Avenue and Elim Lane.

Late spring and early fall snowfalls may be left on roadways if melting is determined to be imminent or if substantial damage will be caused to the pavement structure.

Clearing of intersection snow banks will be accomplished when needed on collector streets and near schools.

Snow hauling could begin as early as 3:00 a.m. or 1 hour following the beginning of snow removal operations. Hauling will continue for as many nights as is necessary.

Snow pickup shall be accomplished using such personnel, equipment and methods appropriate to maintaining a reasonable and safe passage of vehicles and pedestrians at all times. Traffic may be restricted by the Police Chief or his designee as emergency conditions may dictate.

E. Snow Plowing Alleys

Alleys will be opened in the aforementioned priority to provide functional traffic movement.

F. Snow Plowing Cul-de-Sacs

During snow events, the snowplow may complete only a portion of the cul-de-sacs during the first pass. The major portion of the cul-de-sacs shall be plowed during the usual time guidelines for snowplowing but specialized equipment will return for further clearing. Main city streets are cleared first with large snowplows before the smaller equipment begins clearing cul-de-sacs. There will be an effort made to distribute the snow evenly as the snowplow clears snow.

G. Wingbacks

During planned City-wide wingbacks, resident notification will be made on the City Website and by News Blasts. The Public Services Director, Designee or route driver will determine that areas may need wingbacks more often due to drifting snow or other conditions at the time, in these instances notice may not be given.

The Public Works Department will try to minimize impact to driveways and sidewalks but some snow removal may be required by the homeowner.

H. Complaints

Complaints concerning snow and ice removal will be handled in the following manner:

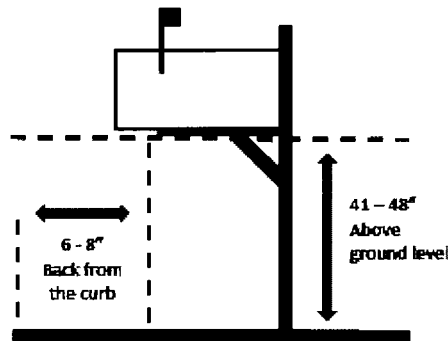
- 1) All complaints shall be referred to the Public Services Director or designee.
- 2) Slippery Street and sidewalk complaints shall be listed and given to Public Works for investigation and possible action.
- 3) All other complaints shall be given to Administration for investigation and possible action.

I. Property Damage

It is recognized by the City that on occasion private property is damaged during snow and ice control operations. Where this happens, it shall be the policy of the City to handle damages in the following manner:

- 1) **Mailboxes** – Where mailboxes are placed adjacent to the street it shall be the policy of the City that snow shall be plowed to the curb to allow for passage of traffic and mail delivery. It shall be the responsibility of the property owner to keep piled snow away from mailboxes so mail can be delivered.

Where damage to the mailbox occurs, such damage shall be investigated by the Public Services Director or Designee. If it is determined that the weight of the snow movement caused the damage, the City will not assume responsibility for repair of the mailbox. Per USPS guidelines, mailboxes, as well as any accessory paper boxes, must be mounted at a minimum height of 41 inches above the street level to reduce the possibility of damage during winter snowplowing operations. USPS guidelines also state the post be installed 6-8 inches behind the grass/concrete curb edge and the front of the mailbox should be installed behind the back edge of the concrete curb. If the mailbox was built according to these USPS guidelines or as directed by the Post Master, and was struck directly by the plow, the City will repair or replace the mailbox in kind, not to exceed \$100.00.



- 2) **Boulevard Damage** – The City will repair physical damage to boulevard areas and may replace sod in extreme cases as determined by the Public Services Director. Typical repairs will be with dirt and seed. The City will not repair winter kill or salt damaged lawn areas. The City will not replace or repair sprinkler/ irrigation systems, landscaping or other structures in the boulevard or right-of-way area.
- 3) **Curbs** – Concrete curbs will not be replaced unless the curb back is broken.
- 4) **Driveway Ramps** – Damage caused to driveway ramps or fillets where mountable curb is in place will not be repaired by the City unless authorized by the Public Services Director.
- 5) **Garbage Receptacles** – Garbage or recycling receptacles are not to be placed in the street section or beyond the grass/concrete curb edge. Receptacles are also not to be placed on the sidewalk. The City is not responsible for damage of receptacles or clean-up of waste.

J. Snow Emergency Routes

The following routes are designated as Snow Emergency Routes and shall be marked by signage:

Cajima Street - T.H. 65 to 8th Ave NE
8th Ave NE - Cajima Street to Heritage Blvd
8th Ave SE Boulevard - Heritage Blvd to CSAH 55
Main Street East - Railroad Tracks to T.H. 65
Dahlin Avenue - Broadway to Heritage Blvd
Main Street West - Whiskey Road to Railroad Tracks
First Avenue NW. - Main Street to Heritage Blvd
Centennial Drive - Oakwood Street to Heritage Blvd
Oakwood Street - Whiskey Road to Centennial Drive
Whiskey Road - Heritage Blvd to Isanti Parkway West
Hillock Street NW - Whiskey Road to 11th Avenue NW
11th Avenue NW - Hillock Street NW to Blossom Boulevard
Blossom Boulevard - 11th Avenue NW to Isanti Parkway West
Isanti Parkway West - Blossom Boulevard to 3rd Avenue N.
3rd Avenue N - Heritage Blvd to Isanti Parkway
Isanti Parkway East - 3rd Avenue N to East Dual Boulevard
East Dual Boulevard - Heritage Blvd to Cajima
Cajima Street - East Dual Blvd. to T.H. 65
Railroad Avenue - Main St to South Passage
Palomino Road - Railroad Avenue to T.H. 65
Townsend Road - Railroad Avenue to T.H. 65
South Passage - Railroad Avenue to Whiskey Rd
Sixth Avenue SW - South Passage to S Brookview Lane
Dogwood Street SW - Whiskey Rd to 3rd Avenue SW
South Passage - Whiskey Rd to Rum River Drive SW
Rum River Drive SW - South Passage to Birch Street SW
Birch Street SW - Rum River Drive SW to Whiskey Rd

K. Sidewalk Routes to Schools

Broadway Street - Railroad Avenue to Candy Avenue

Dahlin Avenue - Broadway Street to Main Street
Main Street West - Whiskey Rd to Dahlin Avenue
Oakwood Street - Whiskey Rd to Centennial Drive
Heritage Blvd - Whiskey Rd to 65
First Avenue N - Main Street to Heritage Blvd
Second Avenue N - Main Street to Heritage Blvd
Third Avenue N - Main Street to Heritage Blvd
Fourth Avenue N - Main Street to Heritage Blvd
Fifth Avenue N - Main Street to Heritage Blvd
Fifth Avenue S – Main Street to S Brookview Lane SW
Whiskey Road - South Passage to Heritage Blvd
Whiskey Road - Heritage Blvd to the Villages on the Rum Association
Wendover Street NW - Whiskey Road to Rum River Drive NW
Rum River Drive NW - Wendover Street NW to Hillock Street NW
Eleventh Ave – Winsome Way to Wendover St NW
Nemo – Broadway St SE to Main St E
Isanti Parkway NW – 3rd Ave NW to 701 Isanti Parkway NW
First Ave NW – Broadway St to Heritage Blvd
8th Ave SE – Marion St SE to Heritage
9th Ave SE – Marion St SE to 8th Ave SE
Marion St SE – 8th Ave SE to 9th Ave SE
7th Ave NE – North of Cajima Street

III. POST PLOWING OPERATIONS

Once plowing is completed from curb to curb, post plowing operations will begin in the following priority:

A. Fire Hydrants

Fire hydrants on public streets serving commercial/industrial areas, high density residential units and school facilities shall be plowed or shoveled out so as to be readily accessible for use.

B. Intersections

If in the discretion of staff, snow piles at busy intersections are of such height as to create unsafe conditions, the piles will be pushed back at those intersections on the following streets:

1) County Road 5

- 2) Main Street
- 3) County Road 23

IV. EMERGENCY ASSISTANCE

At the discretion of the City Administrator, the Public Services Department can hire either additional equipment or drivers for assistance with snow removal.

V. ADMINISTRATION

A. Council Review

Staff will review the Snow Removal Policy and Operational Guidelines prior to the next year's snow season and make any recommendations for amendments to the City Council.

VI. REPEAL

This resolution repeals all previous snow plow policies.

This Resolution was duly adopted by the Isanti City Council this 6th day of October 2020.

Mayor Jeff Johnson

Attest:

Katie Brooks
Human Resources/City Clerk

A Community For Generations.



Request for City Council Action

To: Mayor Johnson and Members City Council
From: Sheila Sellman, Community Development Director
Date: October 6, 2020
Subject: RESOLUTION NO. 2019-XXX AUTHORIZING THE EXECUTION OF REPAYMENT AGREEMENT ON LOT 6, BLOCK 3, VILLAGES ON THE RUM ADDITION WITH J ROBINSON CONSTRUCTION, INC

Background:

On December 19, 2017 the City Council amended and extended a SAC and WAC deferral program through Resolution 2017-304 to continue to spur development activity and in 2018, the City Council extended the program to December 31, 2019 by Resolution 2018-268. J Robinson Construction, Inc. has requested that the City execute a Repayment Agreement for 1004 Pleasant View Court described as Lot 6, Block 3, Village on the Rum Addition, for the construction of a single-family home. The business is in 'good standing' upon review of the MN Secretary of State Office as of September 29, 2020.

The form of the Repayment Agreement is consistent with the form approved by the City Council on December 19, 2017. The Repayment Agreement will be dated as of the date that the Building Permit is paid for by the Developer.

Request

Staff is requesting that the City Council adopt the attached Resolution.

Attachments:

- Resolution 2020-XXX
- Repayment Agreements

RESOLUTION 2020-XXX

**AUTHORIZING THE EXECUTION OF REPAYMENT AGREEMENT ON LOT 6,
BLOCK 3, VILLAGES ON THE RUM ADDITION WITH J ROBINSON
CONSTRUCTION, INC**

WHEREAS, the City of Isanti adopted a SAC and WAC Deferral program on December 19, 2017 which is documented by Resolution 2017-304 and extended the program to December 31, 2019 by Resolution 2018-268; and,

WHEREAS, A boiler plate Repayment Agreement was drafted by the City Attorney and the City Council directed Staff to utilize this agreement for parties interested in SAC and WAC Deferral for commercial or residential development; and,

WHEREAS, J Robinson Construction, Inc (the “Developer”) has asked the City of Isanti to enter into a Repayment Agreement for the properties legally described as: Lot 6, Block 3, Villages on the Rum Addition (the “Property”) and has agreed to pay the recording fee associated with the filing of the Repayment Agreement; and,

WHEREAS, the Developer has stated the it will be the owner of the Property at the time of execution of the Repayment Agreement; and,

WHEREAS, the date of the Repayment Agreement will be when the Developer signs prior to the payment of the building permit; and,

WHEREAS, the Developer is registered, active and is in good standing with the Minnesota Secretary of State Office as of September 29, 2020.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota authorized the Mayor and City Administrator to execute the Repayment Agreement attached hereto contingent upon satisfactory proof of ownership witnessed in a recorded instrument of conveyance to the Developer.

This Resolution hereby approved by the Isanti City Council this 6th day of October, 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources / City Clerk

**REPAYMENT AGREEMENT; STATUTORY SHORT FORM MORTGAGE; AND
DEED RESTRICTIONS**

THIS REPAYMENT AGREEMENT; STATUTORY SHORT FORM MORTGAGE; AND DEED RESTRICTIONS ("AGREEMENT"), made on or as of the ____ day of _____, 2020, by and between the City of Isanti, Minnesota, a Minnesota municipal corporation (hereinafter referred to as the "City") having its principal office at 110 First Avenue N.W. PO Box 428, Isanti, Minnesota 55040, and J Robinson Construction, Inc. , a corporation under the laws of the State of Minnesota (hereinafter referred to as the "Developer"), having its principal office at 27178 Tamarack St NW, Isanti, MN 55040.

WITNESSETH:

WHEREAS, the Developer intends to construct three single family homes (the "Improvements") on certain real property (the "Property") in the City; and

WHEREAS, in connection with the construction of the Improvements there are certain water and sanitary sewer charges that are payable by the Developer to the City; and

WHEREAS, the Developer has demonstrated to the satisfaction of the City that the Developer is unable to pay the full amount of the charges now and has asked the City to defer such charges and make them payable at a future point in time; and

WHEREAS, the City believes that the development of the Improvements by the Developer is in the best interests of the City and, therefore, it is willing to defer the charges if doing so will facilitate the development and viability of the Improvements.

NOW, THEREFORE, in consideration of the premises and the mutual obligations of the parties hereto, each of them does hereby covenant and agree with the other as follows:

ARTICLE I

Definitions

Section 1.1. Definitions. In this Agreement, unless a different meaning clearly appears from the context:

"Agreement" means this Agreement, as the same may be from time to time modified, amended, or supplemented.

"City" means the City of Isanti, Minnesota, its successors and assigns.

"County" means Isanti County, Minnesota.

"Deferred Charges" means the utility charges described in Section 3.1 of this Agreement being deferred by the City and which the Developer is obligated to pay in accordance with this Agreement.

"Developer" means J Robinson Construction, Inc, a Minnesota Corporation, its successors and assigns.

"Event of Default" means an action by the Developer listed in Article IV of this Agreement.

"Improvements" means the single-family home to be constructed by the Developer on the Property.

"Property" means the real property described on the attached Schedule A to this Agreement.

"State" means the State of Minnesota.

ARTICLE II

Representations

Section 2.1. Representations by the City. The City makes the following representations as the basis for the undertaking on its part herein contained:

(a) The City is a statutory city duly organized and existing under the laws of the State. Under State law, the City has the power to enter into this Agreement and to perform its obligations hereunder.

Section 2.2. Representations by the Developer. The Developer represents that:

(a) The Developer is a corporation duly organized and authorized to transact business in the State, is not in violation of any provisions of its Bylaws or the laws of the State, has power to enter into this Agreement and has duly authorized the execution, delivery and performance of this Agreement by proper action of its Board of Directors.

ARTICLE III
Deferred Charges, Payment and Security

Section 3.1. Deferred Charges. The Developer owes to the City the sum of **\$ 6,071.00** in deferred utility charges ("Deferred Charges"). The Deferred Charges consist of **\$ 2,692.00** in Water Availability Charges and **\$ 3,379.00** in Sewer Availability Charges. The City has agreed to defer the payment of the Deferred Charges as described in this Agreement.

Section 3.2. Payment of the Deferred Charges. The Developer covenants and agrees that it will pay the Deferred Charges to the City on the earliest to occur of the following:

- (a) on the date that is one hundred and twenty (120) days after the date of this Agreement;
- (b) on the date that the Developer sells or transfers the Property or Improvements, or any portion thereof; or
- (c) on the date that the City issues a certificate of occupancy for the Improvements.

Interest shall accrue on the Deferred Charges at the rate of zero percent (0%) from the date hereof and continuing until the Deferred Charges and all accrued interest have been paid in full.

Section 3.3. Payment of Costs.

- (a) The Developer shall pay all costs for title work and recording of this Agreement.
- (b) The Developer shall pay all costs incurred by the City in connection with the preparation and implementation of this Agreement and related documents, including, without limitation, fees of attorneys related the preparation of this Agreement and related documents, if the Developer fails to complete construction of the Improvements within one hundred and twenty (120) days after the date of this Agreement.

Section 3.4 Security. As security for Developer's obligation of repayment of the Deferred Charges and Costs identified in Sections 3.1 and 3.3, Developer hereby grants and the City shall and hereby does have, a lien on the Property in the full amount necessary to satisfy any repayment obligation of the fees and charges identified in Sections 3.1 and 3.3 under this Agreement and the cost including reasonable attorney's fees, of collecting the same.

Section 3.5 Notice. At least 10 days before the date of any sale, cash out refinance, transfer or other conveyance of the Property or, in the event of a sale by contract for deed, Developer or their heirs, executors or representatives, shall give the City notice thereof.

Section 3.6 Mortgage. To secure any such repayment of the Deferred Charges under Section 3.1 and 3.3 as may become due under the provisions of this Article, the Developer hereby

grants to the City a Statutory Short Form Mortgage pursuant to the provisions of Minnesota Statutes Section 507.15 (2016) as follows:

UNIFORM SHORT FORM MORTGAGE

This statutory mortgage, made this ____ day of _____, 2020 between the City of Isanti, a Minnesota Municipal having its principal office at 110 First Avenue N.W. PO Box 428, Isanti, Minnesota 55040 (the "Mortgagor"), and J Robinson Construction, Inc., a corporation under the laws of the State of Minnesota having its principal office at 27178 Tamarack St NW, Isanti, MN 55040 (the "Mortgagee"),

Witnesseth, that to secure the payment of the Deferred Charges by the Mortgagee to the Mortgagor of \$6,071.00 as described in Article 3 of this Agreement (the "Indebtedness") the Mortgagor, hereby mortgages to the mortgagee and grants a security interest in the real property located at 1004 Pleasant View Court, in the City of Isanti, Isanti County, Minnesota, as legally described and set forth in "Schedule A" attached hereto and made a part hereof ("Property"), subject only to any liens or encumbrances of record thereon as of the date hereof.

And Mortgagor agrees and covenants with the Mortgagee the following statutory covenants;

1. To warrant the title to the Property, subject only to prior encumbrances of record as of the date hereof.
2. To pay the indebtedness as herein provided.
3. To pay all taxes.
4. To keep the buildings located on the Property insured against fire, windstorm and extended coverage for their full insurable value for the protection of the Mortgagee.
5. That the Property shall be kept in repair and no waste shall be committed.
6. That the whole of the principal sum shall become due after default, in the payment of any installment of principal or interest, or of any tax, or in the performance of any other covenant, at the option of the Mortgagee.

If default be made in any payment or covenant herein, the mortgagee shall have the statutory power of sale, and on foreclosure may retain statutory costs and attorney's fees.

Section 3.7. In the event Mortgagor or their heirs, executors or representatives shall fail or refuse to make a required repayment of the Indebtedness within the limited period set forth herein, the Mortgagee may, with or without notice to Mortgagor foreclose said lien in the same manner as provided pursuant an action for the foreclosure of mortgage upon said Property, as by statute provided, or may at its option proceed with foreclosure by advertisement pursuant to the statutory power of sale which the Mortgagor grants to the Mortgagee provided under this Mortgage, in accordance with applicable law. In the event of default by Mortgagor on any of Mortgagor's obligations under the terms of this Mortgage, Mortgagee shall also have the right to pursue any remedy available to it at law or in equity.

ARTICLE IV

Events of Default

Section 4.1. Events of Default Defined. The following shall be "Events of Default" under this Agreement and the term "Event of Default" shall mean, whenever it is used in this Agreement (unless the context otherwise provides), any one or more of the following events:

(a) Failure by the Developer to pay when due any payments required to be paid under this Agreement.

(b) The Developer of the following: (i) file any petition in bankruptcy or for any reorganization, arrangement, composition, readjustment, liquidation, dissolution, or similar relief under United States Bankruptcy Laws or any similar Federal or State Laws; or (ii) make an assignment for the benefit of its creditors; or (iii) admits, in writing, its inability to pay its debts generally as they become due; or (iv) be adjudicated, bankrupt or insolvent.

Section 4.2. City's Remedies on Default. Whenever any Event of Default by Developer referred to in Section 4.1 of this Agreement occurs, the City may take any one or more of the following actions after providing ten (10) days written notice to the Developer of the Event of Default, but only if the Event of Default has not been cured within said ten (10) days:

(a) Declare the entire outstanding balance of the Deferred Charges immediately due and payable;

(b) Terminate this Agreement;

(c) Deny issuance of certificates of occupancy or temporary certificates of occupancy;

(c) Take whatever action, including legal, equitable or administrative action, which may appear necessary or desirable to the City to collect any payments due under this Agreement, or to enforce performance and observance of any obligation, agreement, or covenant of the Developer under this Agreement, including the remedies provided under Article 3.

Section 4.3. No Remedy Exclusive. No remedy herein conferred upon or reserved to the City or Developer is intended to be exclusive of any other available remedy or remedies, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Agreement or now or hereafter existing at law or in equity or by statute. No delay or omission to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right and power may be exercised from time to time and as often as may be deemed expedient. In order to entitle the City or the Developer to exercise any remedy reserved to it, it shall not be necessary to give notice, other than such notice as may be required in this Article IV.

Section 4.4. No Additional Waiver Implied by One Waiver. In the event any agreement contained in this Agreement should be breached by either party and thereafter waived by the other

party, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other concurrent, previous or subsequent breach hereunder.

Section 4.5. Costs of Enforcement. Whenever any Event of Default occurs and the City shall employ attorneys or incur other expenses for the collection of payments due or to become due or for the enforcement of performance or observance of any obligation or agreement on the part of the Developer under this Agreement, the Developer agrees that it shall, within ten (10) days of written demand by the City, pay to the City the reasonable fees of such attorneys and such other expenses so incurred by the City.

Section 4.6. Certificate of Occupancy. The City may deny a certificate of occupancy or temporary certificate of occupancy for the Property until all amounts owed to the City under the terms of this Agreement have been paid by Developer.

ARTICLE V

Additional Provisions

Section 5.1. Representatives Not Individually Liable. No member, official, or employee of the City shall be personally liable to the Developer, or any successor in interest, in the event of any default or breach or for any amount which may become due to Developer or successor in interest or on any obligations under the terms of this Agreement.

Section 5.2. Titles of Articles and Sections. Any titles of the several parts, Articles, and Sections of the Agreement are inserted for convenience of reference only and shall be disregarded in construing or interpreting any of its provisions.

Section 5.3. Notices and Demands. Except as otherwise expressly provided in this Agreement, a notice, demand, or other communication under the Agreement by either party to the other shall be sufficiently given or delivered if it is dispatched by registered or certified mail, postage prepaid, return receipt requested, or delivered personally; and

(a) in the case of the Developer, is addressed to or delivered personally to J Robinson Construction, Inc. 27178 Tamarack St NW, Isanti, MN 55040; and

(b) in the case of the City, is addressed to or delivered personally to the City at 110 First Avenue N.W., P.O. Box 428, Isanti, Minnesota 55040,

or at such other address with respect to either such party as that party may, from time to time, designate in writing and forward to the other as provided in this Section.

Section 5.4. Disclaimer of Relationships. The Developer acknowledges that nothing contained in this Agreement nor any act by the City or the Developer shall be deemed or construed by the Developer or by any third person to create any relationship of third-party beneficiary, principal and agent, limited or general partner, or joint venture between the City and the Developer or any third party.

Section 5.5. Release. Upon payment of all fees and charges under Article III in accordance with the provisions of this Agreement, the City will furnish Developer with a Release of Mortgage for the Property within a reasonable period of time following the request. Developer shall be responsible for recording the Release of Mortgage.

Section 5.6. Modifications. This Agreement may be modified solely through written amendments hereto executed by the Developer and the City.

Section 5.7. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall constitute one and the same instrument.

Section 5.8. Judicial Interpretation. Should any provision of this Agreement require judicial interpretation, the court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against one party by reason of the rule of construction that a document is to be construed more strictly against the party who itself or through its agent or attorney prepared the same, it being agreed that the agents and attorneys of both parties have participated in the preparation hereof.

Section 5.9. Run with the Land. This Agreement may be recorded against the Property and shall run with the aforesaid Property and shall inure to the benefit of and be binding upon the parties hereto and their respective heirs, executors, representatives, successors and assigns.

IN WITNESS WHEREOF, the City has caused this Agreement to be duly executed in its name and behalf and the Developer has caused this Agreement to be duly executed in its name and behalf on or as of the date first above written.

[remainder of page intentionally left blank]
[signature pages to follow]

**CITY/MORTGAGEE:
CITY OF ISANTI, MINNESOTA**

By _____
Its Mayor

By _____
Its City Administrator

STATE OF MINNESOTA)
)ss.
COUNTY OF ISANTI)

The foregoing instrument was acknowledged before me this ____ day of _____, 2020,
by Jeff Johnson and Josi Wood, the Mayor and City Administrator of the City of Isanti, Minnesota,
a Minnesota municipal corporation, on behalf of the City.

Notary Public

DEVELOPER/MORTGAGOR:
J Robinson Construction, Inc.

By _____
Its President

STATE OF MINNESOTA)
)ss.
COUNTY OF ISANTI)

The foregoing instrument was acknowledged before me this ____ day of _____, 2020,
by Joshua W. Robinson, the President of J Robinson Construction, Inc, a corporation under the
laws of the State of Minnesota, on behalf of the corporation.

Notary Public

THIS INSTRUMENT WAS DRAFTED BY:

City of Isanti
110 1st Avenue NW
PO Box 428
Isanti, MN 55040
Telephone: (763) 444-5512

SCHEDULE A

Description of Property

Lots 6, Block 3, Villages on the Rum Addition, Isanti County, Minnesota

RECOGNIZING NATIONAL PREGNANCY AND INFANT LOSS REMEMBRANCE DAY

WHEREAS, Infants Remembered In Silence, Inc. (IRIS) and many other nonprofit organizations work with thousands of parents all over Minnesota and across the United States who have experienced the death of a child during pregnancy through early childhood; and,

WHEREAS, many of these parents live in, deliver in, have a child die in, or bury a child in our community; and,

WHEREAS, Infants Remembered In Silence (IRIS) a 501(c)(3) nonprofit organization was founded in 1987, 33 years ago, to offer support for parents whose child/children died from miscarriage, ectopic pregnancy, molar pregnancy, stillbirth, neo-natal death, birth defects, sudden unexplained death of a child (SUDC), sudden infant death syndrome (SIDS), illness, accidents and all other types of infants and early childhood death; and,

WHEREAS, Bereaved parents around the world remember their children annually on October 15 with a candle lighting at 7 p.m. Some will remember their child/children in their homes while others will remember them in small gatherings around the state, across the nation and around the world; and this would unify these parents in tribute to their children; and,

WHEREAS, In 1988 President Ronald Reagan proclaimed October as National Pregnancy and Infant Loss Awareness month;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota, In honor of the thousands of children that die each year in Minnesota, Infants Remembered In Silence, Inc. (IRIS) respectfully requests that October 15th, 2020 be recognized as Pregnancy and Infant Loss Remembrance Day.

This resolution was duly adopted by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk



Request for City Council Action- MEMO

To: Mayor Johnson and Members of City Council
From: Matt Sylvester, Public Services Director
Date: October 6, 2020
Subject: Consider Resolution to Declare Metal as Scrap and Authorize Its' Disposal

Public Works has accumulated miscellaneous items that need to be disposed of. These items are as follows:

Scrap

Iron and Steel leftover from repairs
Old Signs
Old Sign Posts
Old Meter Bodies

Per policy, Resolution 2009-078, based on current pricing, Public Services Director obtained quotes and recommends taking the scrap metal to Midway Iron and Metal in St. Cloud for the best prices on scrap metals. Any items that cannot be taken as scrap will be disposed of.

Request:

It is requested that City Council review and take action on this item.

Attachment:

- Resolution 2020-XXX – Resolution to Declare Metal as Scrap and Authorize Its' Disposal

RESOLUTION 2020-XXX

DECLARING METAL AS SCRAP AND AUTHORIZING ITS DISPOSAL

WHEREAS, it has been determined that the Public Works Department has scrap metal that is of no use to the City; and,

WHEREAS, Resolution No. 2009-078 provides guidelines for the disposal of scrap metal; and,

WHEREAS, among solicited quotations, current pricing yields highest with Midway Iron and Metal in St. Cloud;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City of Isanti, Minnesota, to hereby authorize the following:

1. To declare scrap metal which includes but not limited to: old iron from repairs, aluminum signs, steel signs and old meter parts, located at the Public Works Facility as surplus property and authorize for its disposal.
2. The Public Services Director shall have the authority to sign all necessary paperwork to allow for the process for the disposal of scrap metal identified per this Resolution.

This Resolution was duly adopted by the Isanti City Council the 6th day of October, 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk



MEMO for City Council

To: Mayor Johnson and Members of the City Council
From: Josi Wood, City Administrator
Date: October 6, 2020
Subject: Resolution 2020-XXX Entering into an Agreement with Civic Systems, LLC for Caselle Connect Software Modules

The City currently uses Caselle Clarity management system for our accounting software. Due to COVID-19, staff has explored options to enhance what we currently use to limit person to person contact and add efficiency with access online for tasks such as taking payments from customers and processing building permits and inspections. The best option staff found was to upgrade our current system to Caselle Connect and add modules to provide the best customer service during this time.

Staff received a proposal from Civic Systems, LLC for a total amount of \$20,460.00. The breakdown costs for each module will be funded through the following:

- Coronavirus Relief Funds - \$15,780.00 - Accounts Payable, Building Permits, Citizen Portal, Mobile App, Cash Receipting, General Ledger, and Payroll
- Fund 614 Technology - \$1,760.00 - Accounts Receivable and Asset Management
- Water 601 and Sewer 602 - \$2,920.00 - Utility Billing

Recommendation:

Staff is recommending to enter into an agreement with Civic Systems, LLC for Caselle Connect and modules defined within the proposal.

Attachments:

- Resolution 2020-XXX Entering into an Agreement with Civic Systems, LLC
- Civic Systems, LLC Proposal (Exhibit A)

RESOLUTION 2020-XXX

AUTHORIZING TO ENTER INTO AN AGREEMENT WITH CIVIC SYSTEMS LLC FOR CASELLE CONNECT SOFTWARE MODULES

WHEREAS, the current accounting software system used for Utility Billing, AP, AR, Payroll, Cash Receipting and other operating functions is Caselle Clarity through Civic Systems, LLC; and,

WHEREAS, due to COVID-19, it is in the best interest of the City to add additional modules to allow for Building Permitting/ Inspection processing online with access to a customer portal, and upgrades to Payroll, AP, Cash Receipting, and the General Ledger to minimize person to person contact; and,

WHEREAS, an upgrade to our AR, Asset Management and Utility Billing modules to Caselle Connect is beneficial for enhanced functions which will be funded through Technology, Water and Sewer; and,

WHEREAS, the proposal received by Civic Systems, LLC for such modules was \$20,460.00; and,

WHEREAS, funding for modules are identified as follows:

- Coronavirus Relief Funds – Accounts Payable, Building Permits, Citizen Portal, Mobile App, Cash Receipting, General Ledger, and Payroll
- Fund 614 Technology - Accounts Receivable and Asset Management
- Water 601 and Sewer 602 – Utility Billing;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota, approve the following:

1. Use of Coronavirus Relief Funds for modules defined per this Resolution in the amount of \$15,780.00.
2. Use of Funds from 614 Technology for modules defined per this Resolution in the amount of \$1,760.00.
3. Use of Funds split from Water and Sewer for modules defined per this Resolution in the amount of \$2,920.00
4. The City Administrator or designee is hereby authorized to enter into an agreement and sign corresponding documents with Civic Systems for Caselle Connect with modules for a total amount of \$20,460.00 plus annual support fees; referenced as Exhibit A.

This resolution was duly adopted by the Isanti City Council this 6th day of October, 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

Exhibit A

**Computer Software and
Conversion Services Proposal**

City of Isanti

Prepared by Civic Systems, LLC



civicsystems

strong software, strong community

A SUBSIDIARY OF BAKER TILLY US, LLP

Civic Systems, LLC
Ten Terrace Court
P.O. Box 7398
Madison, WI 53707-7398
Phone: 888.241.1517
Fax: 608.249.1050
mlaesch@civicsystems.com
www.civicsystems.com

September 30, 2020

Software Purchase Agreement

Civic Systems, LLC
Ten Terrace Court
P.O. Box 7398
Madison, WI 53707-7398

City of Isanti
110 1st Ave NW
Isanti, MN 55040

You agree to purchase the software and services detailed below and Civic Systems, LLC agrees to provide them. **Payment is due upon execution of the contract unless other payment terms are negotiated.** The information provided in this proposal is valid for 90 days.

INVESTMENT SUMMARY

Connect License Fees (7 Concurrent Users)	\$ 64,800
Less Connect Upgrade Discount	(47,040)
Setup/Training New Modules	2,700
Connect Upgrade Training	0
TOTAL INVESTMENT	\$ 20,460
ANNUAL SUPPORT INCREASE NEW MODULES	\$ 1,125

SOFTWARE FOR LIFE: Software for Life provides the assurance that the City will never have to purchase another upgrade at any point in the future. As a result, the City will always be on the latest version of the software. To attain the Software for Life Premium, annual support will increase \$900 each of the next three (3) years.

*Travel costs are not included.

SIGNATURE AGREEMENT

The signatures below indicate each party's acceptance and understanding of the Computer Software and Services Contract, Attachment A – Caselle Software Distribution Agreement, and Attachment B – Civic Support Agreement.

CITY OF ISANTI, MN

Signature: _____

Title: _____

Date: _____

CIVIC SYSTEMS, LLC

Signature: _____

Title: _____

Date: _____



A SUBSIDIARY OF BAKER TILLY US, LLP

Selected Modules Detailed Costs

LICENSE FEES (7 CONCURRENT USERS)

Connect Upgrade Modules	License Fee	Setup/ Training	Connect Upgrade Discount	Total Investment	Annual Support Increase New Modules
Based on 7 Concurrent User Licenses	\$ 0	\$ 0	\$ --	\$ 0	--
Accounts Payable	5,500	Included	(4,400)	1,100	--
Accounts Receivable	5,500	Included	(4,400)	1,100	--
Asset Management	3,300	Included	(2,640)	660	--
Building Permits	8,000	Included	(6,400)	1,600	--
Code Enforcements (No Longer Using)	--	--	--	--	(500)
Citizen Portal (Online Applications)	3,500	1,800	--	5,300	875
Mobile App	2,500	900	--	3,400	750
Cash Receipting	4,500	Included	(3,600)	900	--
General Ledger	5,500	Included	(4,400)	1,100	--
Activity Reporting	Included	Included	--	--	--
Bank Rec	Included	Included	--	--	--
Budgeting	Included	Included	--	--	--
miExcel GL	FREE	Included	--	FREE	--
miViewPoint	FREE	Included	--	FREE	--
Payroll	11,900	Included	(9,520)	2,380	--
Direct Deposit	Included	Included	--	--	--
Electronic Submittals	Included	Included	--	--	--
miExcel PR	FREE	Included	--	FREE	--
miPay Online (Electronic W2s and Paystubs)	FREE	Included	--	FREE	--
Utility Billing	14,600	Included	(11,680)	2,920	--
ACH Direct Pay	Included	Included	--	--	--
Electronic Read Interface	Included	Included	--	--	--
PSN Online Interface Batch	Included	Included	--	--	--
Splitter (UB Bill Attachments)	Included	Included	--	--	--
Tax Certification	Included	Included	--	--	--
Conversion And Setup Estimates	Included	Included	--	--	--
TOTALS COSTS	<u>64,800</u>	<u>2,700</u>	<u>(47,040)</u>	<u>20,460</u>	<u>1,125</u>

*Training for the modules upgrading to Connect is done through videos and ½ day of support walkthrough of changes.

Optional Module Detailed Costs

OPTIONAL MODULES

Selected Product Descriptions	License Fee 7 Concurrent	One-Time conversion/ setup	Training and Onsite Assistance Cost/Days	Year one Total w/o Support	Annual Fees*
Concurrent Users Above 7 (each)	\$ 2,000	\$ 0	\$ 0	\$ 2,000	\$ 500
Additional Training (Daily/ Online)	--	1,000	--	1,000	--
Additional Report Conversion if Needed (2 Hrs)	--	--	300	300	--

*Above amounts do not include travel expenses

HARDWARE REQUIREMENTS

Network System Requirements – Caselle® Connect – Network

Important! Using servers or workstations that do NOT meet the specified network system requirements may result in unsatisfactory performance and response times. This document lists the minimum hardware and software requirements for installing Connect.

Network Server Operating System	Microsoft® Windows 2012, 2012 R2, 2016 Server (64-bit) or 2019 (64-bit)
Network Server Equipment	Intel® Xeon® Quad-Core Processor 3.0 Ghz or higher Minimum 16 GB of available RAM 30 GB available disk space for Caselle Connect applications (180 MB) and data Separate physical hard drive for SQL log file 8-15 K SAS HDD preferred Color SVGA .28 Monitor 1 GB Ethernet Network Card 1 GB Ethernet Switch DVDRW Drive <small>All hardware must be Microsoft® certified (request printed certification documents). Intel® Core™ i3, Intel® Celeron®, and AMD Sempron™, and Intel® Pentium processors are NOT recommended.</small>
Database Server Equipment and Operating System	<ul style="list-style-type: none"> • Use the Recommended Network Server. For better performance, increase memory on network server or, use a separate Database Server (same specifications as the Network Server). • Networks with more than ten workstations may require faster processors and/or more memory than the recommended.
Database Software	Microsoft® SQL Server 2012 (64-bit), 2014 (64-bit) or 2016 (64-bit), or 2019 (64-bit)
Network Server and Database Server Power Protection	True On-Line UPS, 600 Voltamps minimum with UPS Monitoring card, cable, and software.
Workstation Computer	Intel Core 2 Duo, i5, or i7 (3 GHz or higher) 8 GB of available RAM 30 GB available disk space for Caselle Connect applications (180 MB) and data LCD Monitor <small>All hardware must be Microsoft® certified (request printed certification documents). Intel® Core™ i3, Intel® Celeron®, and AMD Sempron™, and Intel® Pentium processors are NOT recommended.</small>
Workstation Operating System	Windows 10™ Professional (32-bit or 64-bit).
Workstation Power Protection	UPS/Battery backup unit
Backup System	Network quality system to back up fileserver hard drive on one tape and provide tape read after write verification. Make sure the backup system supports backing up MSSQL Databases. Example: Backup Exec with SQL Agent.
Data File Transfer	DVDRW Drive
Printer	HP Laser Printer or Canon Copiers with PCL or Postscript Drivers
Receipt Printer	Ithaca 9000 and 1500 Series Printers Star TSP100 Epson TM – U325, TM-U675, and Epson TM – H6000IV
Internet Access	DSL, ISDN, or T1 Explanation: Caselle® Applications require Internet access to download program updates. Using an Internet connection that is slower than 256 Kbps will take significantly longer to download data.
Email	Email that is compatible with Microsoft® Windows.
Network Installer	Microsoft® Certified
Web Services	IIS 7 (Windows Server 2008, 2012)
miViewPoint <small>Only needed if miViewPoint is being installed.</small>	IIS 7 or later 30 GB of available disk space for miViewPoint on the IIS and SQL Servers Modern Web Browser on any PC using miViewPoint (IE11 or greater, up to date Chrome, or up to date Firefox) If miViewPoint is made internet available a modern mobile browser is required.

Attachment A – Caselle Software License Agreement

Caselle
1656 S East Bay Blvd, Ste 100
Provo, UT 84606
CASELLE, INC.
SOFTWARE LICENSE AGREEMENT

Caselle Agrees to provide the software to you, subject to the following terms and conditions.

1. GRANT OF LICENSE

Caselle, Inc. and its Licensors agrees to grant, and You agree to accept a limited, non-transferable, non-exclusive license ("License") to use the computer programs, with the accompanying manuals, literature and other materials ("Software") as detailed under Items, subject to the terms and conditions of this Software License Agreement and subject to termination as provided herein. The term Software shall also include all revisions, updates, enhancements and new modules or add-ons to the existing Software as detailed under Items.

2. TITLE AND CONFIDENTIALITY

Title and full ownership rights to the Software licensed under this agreement, including, without limitation, all intellectual property rights therein and thereto, and any copies You make, remain with Caselle. It is agreed the Software is the proprietary, confidential, trade secret property of Caselle, whether or not any portions thereof are or may be copyrighted and You shall take all reasonable steps necessary to protect the confidential nature of the Software as You would take to protect Your own confidential and trade secret information. You further agree that You shall not make any disclosure of any or all such Software (including methods or concepts utilized therein) to anyone, except to employees, agents, or contractors working for You to whom such disclosure is necessary to the use for which rights are granted hereunder. You shall appropriately notify all employees, agents, and contractors to whom any such disclosure is made that such disclosure is made in confidence and shall be kept in confidence by them. Upon Caselle's request, such employees, agents, and contractors shall enter into an appropriate confidentiality agreement for secrecy and nonuse of such information which by its terms shall be enforceable by injunctive relief at the request of Caselle. If Caselle makes such a request, it shall provide You with the appropriate confidentiality agreements. The obligations imposed by this section upon You, Your employees, agents, and contractors, shall survive and continue after any termination of rights under this Agreement. It shall not be a breach of this agreement if you are required to disclose or make the Software available to a third party or to a court if the Software is required to be disclosed pursuant to a state's "open records" law, or is subpoenaed or otherwise ordered by an administrative agency or court of competent jurisdiction to be produced.

3. LICENSE

You may:

- A. Use the Software on a single CPU or network ("System") for the appropriate number of users. The Software may be moved to and used on another System, but shall under no circumstances be used on more than one System at a time.
- B. Make System readable copies of the software media provided with the Software as required for backup protection. Such copies may only be used in support of Your use of the Software on the System and may not be used for any other purpose. Each of these copies must have a label placed on the media indicating the Software is a proprietary product of Caselle.

You may not:

- A. Rent, lease, sublicense, assign, sell, loan or otherwise transfer this Software, in whole or in part, except as expressly permitted by this Agreement.
- B. Inspect, disassemble, decompile, reverse engineer or in any way attempt to determine the internal methods of the Software.
- C. Modify the Software or merge it into any other product without the express written consent of Caselle.
- D. Reproduce, prepare derivative works based upon, transmit or distribute the Software, or any part of it, in any form or by any means except as expressly permitted in this Agreement.
- E. Permanently transfer or assign the Software and the rights under this License to another party without the express written consent of Caselle.
- F. Use the Software to provide accounting services to multiple government agencies other than Your own.

Any attempt to do any of the above (A to F) shall void and terminate this Agreement.

4. TERM

This Software License Agreement is and shall be effective from the date of full execution and shall remain in force until terminated. You may terminate this Agreement at any time by notifying Caselle in writing and returning all copies and modifications of the Software within 30 days of such notification. Your License terminates automatically if you materially fail to comply with any terms or conditions of this Agreement and You must return all copies and modifications of the Software to Caselle or its agent within 30 days of receipt of written notification of such termination. For each day You retain the Software without a valid License You agree to pay Caselle \$100.

Attachment A – Caselle Software License Agreement

5. WARRANTY

Caselle warrants that it has sufficient right and title to the Software to grant You this License. For one (1) year from the date of receipt of the Software ("Warranty Period"), Caselle also warrants the Software media to be free from defects in materials and workmanship under normal use, and Software operation will substantially conform to the specification published by Caselle. If an error or a defect in the Software or its media becomes apparent within the Warranty Period, You must promptly notify Caselle, in writing, describing the defect. Upon confirming the error or defect Caselle will, at its exclusive option, repair or replace the item or refund the price paid for the defective item. Caselle does not warrant that the functions contained in the Software will meet Your requirements or that the operation of the Software will be uninterrupted or error free. The entire risk as to the results and performance of the Software is assumed by You. The warranty does not cover Software modified by anyone other than Caselle and problems with, or caused by, computer hardware or non-Caselle software.

6. DISCLAIMERS AND LIMITATIONS OF REMEDIES

Except as specifically stated in this Agreement, the Software is Licensed "as is" without warranty of any kind, either express or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. In no event shall Caselle be liable for any indirect, special or consequential damages, including, but not limited to, loss of anticipated profits, revenue or savings, business interruption or loss of business information arising from the use of or inability to use the Software or breach of any expressed or implied warranty, even if Caselle or its agent has been advised of the possibility of such damages. These limitations shall apply notwithstanding the failure of an essential purpose of any limited remedy. Caselle's aggregate liability under this agreement for damage will not, in any event, whether based upon contract, negligence, strict liability in tort, warranty or any other basis, exceed the License fees paid by You for the Software.

7. ADDITIONAL SERVICES

Support, Training and Data Conversion for the Software will be provided directly by Caselle, or its authorized agent, and are subject to separate agreements.

8. GENERAL

- A. The Warranty and Limitation of Remedies gives You specific legal rights. You may also have other rights, which vary from state to state, in which case the greater right will apply.
- B. This Agreement shall be governed and construed in accordance with the laws of the State of Wisconsin and You hereby consent to the jurisdiction of State and Federal courts in Wisconsin. If any part of this Agreement violates applicable law, that part shall be deemed to be amended to the extent necessary to comply with the law.
- C. This Agreement constitutes the entire Agreement between Caselle and You and supersedes any prior Agreement or understanding, written or oral. Except as provided herein, this Agreement may not be amended or supplemented except in writing and properly executed by both parties.
- D. If any provision of this Agreement shall be adjudged by a court to be void or unenforceable, the same shall in no way affect any other provision of this Agreement or the validity or the enforceability of this Agreement.
- E. All rights and remedies provided herein are cumulative and are in addition to all other rights and remedies available at law or equity.
- F. In the event that either party successfully takes legal action to enforce any provision of this Agreement the unsuccessful party shall pay full costs and expenses of such action, including reasonable attorney's fees.
- G. Any notice required by this Agreement shall be deemed to have been properly given if sent by registered or certified mail.
- H. The waiver of any breach or default of this Agreement shall constitute a waiver only as to such particular breach or default and shall not constitute a waiver of any other breach or default. Failure to act by either party in exercising any right, power, or remedy under this Agreement, except as specifically provided herein, shall not operate as a waiver of any such right, power or remedy, and will not affect the validity of the whole or any part of this Agreement, or prejudice such party's right to take subsequent action.
- I. Neither party shall be held liable for delays in any of its performance resulting from acts of God, war, civil disturbance, court order, labor dispute or any other cause beyond its control.
- J. The relationship of the Parties shall be solely that of independent contractors. No partnership, joint venture, employment, agency or other relationship is formed, intended or to be inferred under this Agreement. Neither party to this Agreement shall attempt to bind the other, incur liabilities on behalf of the other, act as agent of the other, or authorize any representation contrary to the foregoing.
- K. This Agreement is binding upon and shall inure to the benefit of the parties, their successors and assigns. However, this Agreement is not assignable by you. This Agreement is personal to you and neither the Agreement, nor the rights or duties hereunder, may be voluntarily or involuntarily, directly or indirectly, assigned or otherwise transferred without the prior written consent of Caselle. Any unauthorized assignment or transfer shall constitute a breach hereof and shall be voidable by Caselle.

Attachment B – Support Agreement

CIVIC SUPPORT AGREEMENT

This Support Agreement is made by and between the CITY OF ISANTI (client), 110 1st Ave NW, Isanti, MN 55040, and CIVIC SYSTEMS, LLC (Civic), Ten Terrace Court, Madison, Wisconsin 53707-7398.

TERMS AND CONDITIONS

1. DEFINITIONS

For purposes of this Civic Support Agreement, the subsequent capitalized terms will have the following meanings:

- A. "Client" – Will denote the CITY OF ISANTI, MN.
- B. "Civic" – Will denote Civic Systems, LLC.
- C. "Services" – Will denote services related to software training, onsite implementation assistance, and conversion services, as more specifically set forth in the "Conversion Services" attached hereto as Attachment "B".
- D. "Software" – Will denote end user computer programs and modules purchased by the Client from Civic, as more specifically set forth in the "Cost Detail" attached hereto as Attachment "A".
- E. "Product" – Will denote any goods or services produced by a third-party entity other than Civic.

2. TERM

The initial term of this Support Agreement is for a period of 1 year(s) from the effective date. The effective date is defined as the date the first module is implemented and considered "live". Upon expiration of the initial term of the Support Agreement, it shall be deemed renewed with the same terms and conditions for further successive periods of one (1) year(s) unless either party has given the other party written notice not less than thirty (30) days prior to the expiration of the initial term or subsequent renewal term(s).

3. CHARGES

Civic will invoice client on the effective date and semi-annually thereafter. Invoices are sent in December for Support services rendered in the subsequent six (6) months for January through June. Invoices are sent in June for Support services rendered in the subsequent six (6) months for July through December. All invoices are due within 30 days of the invoice date. Invoices not paid within 30 days are subject to 1.5% interest per month or an annual interest rate of 18% per year. Civic will cease any and all Support services for any invoice not paid within 90 days until payment is made in full. Civic has the right to increase support charges at each anniversary or the effective date. Written notice of such increases shall be given to client not less than thirty (30) days before the anniversary of the effective date.

4. SERVICE HOURS

Civic will provide telephone and web support service five business days a week, from 8 AM to 5 PM Central Standard Time, excluding nationally recognized holidays. Annual support charges do not cover on-site support.

5. SERVICE NOTIFICATION

Client shall notify Civic of support tickets, by contacting Civic support and identifying the issue and symptoms. Notification may be made to Civic via telephone, web, e-mail or fax, as outlined below and in any of the methods outlined in the **SOFTWARE SUPPORT** section below.

Telephone: 608 240 2600
Toll-Free: 800 241 1517
Fax: 608 249 1050
E-mail: support@civicsystems.com
Website: <http://www.civicsystems.com>

Attachment B – Support Agreement

6. TERMINATION OF AGREEMENT

This Support Agreement may be terminated as outlined under the **TERM** section above. In addition, Civic or client shall terminate this agreement immediately upon written notice thereof to the other party, in the event the other party shall have breached a material provision of this Support Agreement, which breach shall not have been cured within a thirty (30) day period. If breach is not capable of being cured within such thirty (30) day period, this Support Agreement shall not be terminable so long as the party committing such breach shall have established to the reasonable satisfaction of the other party that it is using all diligent efforts to effect such cure.

This Support Agreement may be terminated by either party effective immediately and without notice, upon: (i) the dissolution, termination of existence, liquidation or insolvency of the other party, (ii) the appointment of a custodian or receiver for the other party, (iii) the institution by or against the other party of any proceeding under the United States Bankruptcy Code or any other foreign, federal or state bankruptcy, receivership, insolvency or other similar law affecting the rights of creditors generally, or (iv) the making by the other party of any assignment for the benefit of creditors.

7. ASSIGNMENTS

Civic shall not assign, transfer or pledge this Support Agreement and/or the services to be performed, whether in whole or in part, nor assign any monies due or to become due to it without the prior written consent of client. A consent to assign shall be subject to such conditions and provisions as client may deem necessary, accomplished by execution of a form signed by client, Civic, and the assignee.

8. PLACE OF USE

The Customer shall provide a suitable, clean location for the installation and operation of the Product, including adequate surge protection on the electrical supply source.

9. RISK OF LOSS

This Support Agreement does not cover service, maintenance or repair necessitated by loss or damage resulting from any cause beyond the control of Civic, including, but not limited to loss or damage due to fire, water, lightning, earthquake, riot, unauthorized service or modifications, theft, or any other cause originating outside the Product.

10. PERFORMANCE

Civic shall exercise its best efforts in performing services covered under this Support Agreement, but shall not be liable for damages, direct or otherwise, for failure to perform services at a location deemed hazardous to health or safety or arising out of delays or failure in furnishing parts or services caused by Acts of God, Acts of Government, labor disputes or difficulties, failure of transportation or other causes beyond its control, or for any consequential damage whatsoever.

11. LIABILITY

Civic is only obligated to provide software support services for the most currently released version of the Software, and the immediately preceding version. Civic shall not be responsible, nor incur liability of any kind, nature or description to client, its agents or employees or any other firm or corporation, whether direct or consequential, in event of failure or fault in condition or operation of the Product or for errors of omission in the transmission or display of information arising from the actual or alleged use of operation of the Product.

Attachment B – Support Agreement

11. Warranty

- A. Each party represents and warrants to the other that it has full power and authority to enter into and perform this Agreement and the person signing this Agreement on behalf of each party hereto has been properly authorized and empowered to enter into this Agreement.
- B. Client warrants that it has the legal right and authority, and will continue to have the legal right and authority during the term of this Agreement, to operate, configure, provide, place, install, upgrade, add, maintain and repair (and authorize Civic to do any of the foregoing to the extent the same are included in the Services) the hardware, software and data that comprises any of client's information technology system upon which or related to which Civic provides Services under this Agreement.
- C. Civic represents and warrants that materials produced or used under this contract, including but not limited to software hardware, documentation, and/or any other item, do not and will not infringe upon any intellectual property rights of another, including without limitation patents, copyrights, trade secrets, trade names, and service marks and names.
- D. If a third party claim that the Software infringes upon any intellectual property rights of another which causes client's reasonable use of the software or other material supplied under this contract to be seriously endangered or disrupted, Civic shall promptly, without additional charge to client either procure for client the right to continue using the software or other material, or replace or modify that software or material so that it becomes non-infringing, provided that such replacement or modified software or material has the same functional characteristics as the infringing software or material. If none of the foregoing alternatives are possible even after Civic's best efforts, client shall have the right at its election, to terminate the license to the infringing software and Civic shall promptly refund to client all fees, costs, and charges paid by client to Civic for that software or material and any other software or material reasonably rendered ineffective as the result of said infringement.
- E. Civic warrants that any Services that it provides to client under this Agreement will be performed in accordance with generally accepted industry standards of care and competence. Client's sole and exclusive remedy for a breach of Civic's warranty will be for Civic, in its sole discretion, to either: (i) use its reasonable commercial efforts to re-perform or correct the Services, or (ii) refund the fee client paid for the Services that are in breach of Civic's warranty. Client must make a claim for breach of warranty in writing within thirty (30) days of the date that the Services that do not comply with Civic's warranty are performed. This warranty is voided in the event that client makes alterations to the Services provided by Civic or to the environment in which Services are used (including the physical, network and systems environments). If client does not notify Civic of a breach of Civic's warranty during that 30-day period, client will be deemed to have irrevocably accepted the Services.
- F. Civic does not warrant any third-party product (each, a "Product"). All Products are provided to client by Civic "AS IS." Civic will, to the extent it is allowed to by its vendors, pass through any warranties and indemnifications provided by the manufacturer of the Product. Client acknowledges that no employee of Civic or any other party is authorized to make any representation or warranty on behalf of Civic that is not in this Agreement.

Attachment B – Support Agreement

12. LIMITATION ON LIABILITY

In no event will Civic's liability exceed the license fees, services, and support fees paid to date by the Customer to Civic. This limitation of liability is intended to apply to the full extent allowed by law, regardless of the grounds or nature of any claim asserted, including the negligence of either party. In no event shall either party be liable for ANY lost profits, LOST Business opportunity, lost data, consequential, special, incidental, exemplary or punitive damages arising out of or related to this Agreement.

Customer will indemnify Civic, its parent company (Baker Tilly) and their present or former partners, principals, employees, officers and agents against all costs, fees, expenses, damages and liabilities (including attorney's fees and all defense costs) associated with any third-party claim, relating to or arising as a result of the Services of this Agreement.

In the event Civic is requested by the Customer; or required by government regulation, subpoena, or other legal process to produce its engagement working papers or its personnel as witnesses with respect to its Services rendered for the Customer, so long as Civic is not a party to the proceeding in which the information is sought, Customer will reimburse Civic for its professional time and expenses, as well as the fees and legal expenses, incurred in responding to such a request.

Civic will indemnify Customer against any damage or expense relating to bodily injury or death of any person or tangible damage to real and/or personal property incurred while Civic is performing the Services to the extent such damage is caused solely by the negligent acts or willful misconduct of Civic's personnel or agents in performing the Services.

Customer accepts and acknowledges that any legal proceedings arising from or in connection with the services provided under this Agreement must be commenced within twelve (12) months after the performance of the Services for which the action is brought, without consideration as to the time of discovery of any claim.

13. DEFAULT

In the event of payment default by client, Civic shall be entitled to collect interest and collection costs, including court costs and reasonable attorney fees. In the event of default by the Customer in any term or condition herein, Civic may, at its option, refuse service or terminate its obligations under this Agreement.

14. FORCE MAJEURE

In the event that either party is prevented from performing, or is unable to perform, any of its obligations under this Agreement due to any act of God, fire, casualty, flood, war, strike, lock out, failure of public utilities, injunction or any act, exercise, assertion or requirement of any governmental authority, epidemic, destruction of production facilities, insurrection, inability to obtain labor, materials, equipment, transportation or energy sufficient to meet needs, or any other cause beyond the reasonable control of the party invoking this provision ("Force Majeure Event"), and if such party shall have used reasonable efforts to avoid such occurrence and minimize its duration and has given prompt written notice to the other party, then the affected party's failure to perform shall be excused and the period of performance shall be deemed extended to reflect such delay as agreed upon by the parties.

Attachment B – Support Agreement

15. NOTIFICATION

All notices or communications required or permitted as a part of the Agreement shall be in writing (unless another verifiable medium is expressly authorized) and shall be deemed delivered when:

- A. Actually received, or
- B. Upon receipt by sender of a certified mail, return receipt signed by an employee or agent of the party, or
- C. If not actually received, ten (10) days after deposit with the United States Postal Service authorized mail center with proper postage (certified mail, return receipt requested) affixed and addressed to the respective other party at the address set forth below or
- D. Upon delivery by client of the notice to an authorized Civic representative while at client site.

The addresses of the parties to this Agreement are as follows:

Civic Systems, LLC
Ten Terrace Court
P.O. Box 7398
Madison, WI 53707-7398

City of Isanti
110 1st Ave NW
Isanti, MN 55040

16. WAIVER

This instrument contains the entire Agreement for support of the parties. It cannot be changed, altered or modified orally. All changes or modifications must be in writing by the parties hereto.

17. SOFTWARE SUPPORT

The customer will supply the conditions and data which caused the malfunction and help reproduce the failure. The following services are part of the Support Agreement:

- A. Telephone and Internet Support – Unlimited and reasonable telephone technical support is provided during the hours specified in the **Service Hours** section above. In addition, client has the ability to log support issues and search a knowledge base utilizing Civic's customer support portal over the internet twenty-four (24) hours a day, seven (7) days a week. Technical support history, including issue and resolution, shall be available to client via the customer support portal over the internet for a period of three (3) years. Civic shall, on occasion, employ software tools that utilize the internet to troubleshoot technical support issues.
- B. Bug fixes and Updates – Civic shall provide client with all bug fixes and updates within twenty (20) days of receiving bug fixes and updates upon satisfactory software testing by Civic. Documentation communicating bug fixes, updates, and changes to the database schema shall be sent to client.
- C. Software Upgrades – Civic shall provide client with upgrades to the current platform when available. Civic shall provide client with all upgrades within thirty (30) days of satisfactory software testing by Civic. All relevant documentation communicating enhancements, changes to user manuals, changes to the database schema, etc. shall be sent to client.
- D. Trained Employees – Support will be provided to any employee that has completed formal training with Civic. Client shall notify Civic of any new employees requiring software support. New employees must schedule formal training with Civic at the current daily rate before support services are provided under the Support Agreement. If software support is required before training takes place, Civic will provide support as long as training has been scheduled with Civic

18. MISCELLANEOUS

This Support Agreement covers those services rendered for pre and post "go-live".



L.11.

Request for City Council Action - MEMO

To: Mayor Johnson and City Council Members

From: John Jacobi, Liquor Store Manager

Date: September 28th, 2020

Subject: Donation Request for 13th Annual MMBA "Food Drive" promotion in-store

Background:

Each year the MMBA supports a Food Drive for the sole purpose of raising funds as well as supplying donations to help support local food shelves in our area. I am requesting that we promote this program in-store and customers can donate nonperishable food items or make a cash donation in any amount that they wish to help support this program. The dates of the Food Drive are October 6th through October 31st, 2020.

Action

Staff is requesting City Council action on this item.

Attachment:

- Resolution 2020-xxx Approving Donation Box at Liquor Store

RESOLUTION 2020-XXX

APPROVING DONATION BOX AT LIQUOR STORE

WHEREAS, on June 2nd, 2009 City Council approved a donation box policy; and,

WHEREAS, Isanti Liquor is requesting use of a donation box at the liquor store in support of the “MMBA Food Drive”; and,

WHEREAS, the Donation Policy has been reviewed the request and recommended its approval;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Isanti, Minnesota hereby approves placement of a donation box for the “MMBA Food Drive” at the Isanti Liquor Store from October 6th, 2020 through October 31st, 2020.

Adopted by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk



13th Annual MMBA Food Drive Promotes Community Value

In an effort to help members Promote the Community Value of their Municipal Liquor Operation, MMBA, in a new partnership with Miller Lite is coordinating the *Thirteenth Annual Municipal Liquor Food Drive* **benefiting your local food shelf.**

As in previous years, there will be two competition brackets, based on 2018 annual sales:

\$1,000,000 and Above & Below \$1,000,000

The individual facility (not city) in each category with the highest weight donated will earn a \$1,000 donation to their local food shelf from Miller Lite and MMBA.

In addition:

Through a random drawing, ten \$100 donations will be made to food shelves of participating facilities, other than the category winners. So, everyone has a chance to win!

Here are additional details:

- The food drive will run from October 1 – October 31, 2020.
- Each participating MMBA member will collect dry food, can goods & cash for donation to your local food shelf of choice. **Anything your food shelf will accept is eligible to be counted, including, but not limited to, field produce and canned / bottled water.**

NOTE:

**Each \$1 in cash donations will be counted
as 3 pounds of food.**

- At the end of the event (November 1), please take the collected food and cash to the food shelf to be weighed. (Contact the MMBA office if you need assistance locating your local food shelf.)

A week or so after the conclusion of the event, send the MMBA office the information at: kaspszak@outlook.com.

- Coordinate signs with your Miller Lite Distributor.
- Here are some successful ideas to promote the event:
 - ✓ Facility product discount for those donating food
 - ✓ Stapling a flyer to carry-out bags
 - ✓ Displaying the food in the front of the store to catch customer eyes
 - ✓ Reference or total focus in advertising mediums
 - ✓ Miller wholesaler could build a platform of Miller Lite cases for the food to display on, or a wall of cases around an area where donations will be placed.
 - ✓ Local newspaper story
 - ✓ Collect contributions by participating in other community events

Questions:

MMBA: kaspszak@outlook.com

Jon Chance: jonathan.chance@molsoncoors.com

Thanks for your participation!!!!



Request for City Council Action

To: Mayor Johnson and Members of City Council
From: Jaden Moore, Deputy City Clerk/ Human Resources
Date: October 6, 2020
Subject: Resolution 2020-XXX Awarding Quote and Authorizing to Enter into a Contract for Codification Services

Background:

Council authorized staff on July 7th, 2020 to advertise an RFP (Request for proposal) for codification services. Staff received two proposals; General Code and American Legal Publishing for such services. The City currently uses General Code for codification services.

Request:

Staff is recommending to enter into a contract to continue receiving services from General Code for codification services as they are lower overall for services per the specifications outlined in the request for proposal. The contract would begin October 7th, 2020 and can end at any time.

Attachments:

- Resolution 2020-XXX Awarding Quote and Authorizing to Enter into a Contract for Codification Services
- Proposals received

RESOLUTION 2020-XXX

AWARDING QUOTE AND AUTHORIZING TO ENTER INTO A CONTRACT FOR CODIFICATION SERVICES

WHEREAS, the City of Isanti has determined it is in the City's best interest to receive proposals for codification services; and,

WHEREAS, the Council authorized staff to request proposals for codification services on July 7th, 2020; and,

WHEREAS, the request for proposals for codification was published in the City's official newspaper; and,

WHEREAS, two proposals were received and are attached; and,

Consultant	Base Quotation not including optional/ additional expenses
General Code	\$5,220
American Publishing	\$8,800

WHEREAS, General Code was found to best fit the needs of the City given all rates and services considered;

NOW, THEREFORE BE IT RESOLVED by the City Council of the City of Isanti, Minnesota the following:

1. Hereby award the contract for codification services to General Code.
2. Hereby authorize staff to enter into and sign a contract with General Code starting October 7th, 2020 and can end at any time.

This resolution was duly adopted by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources/City Clerk

General Code

VI. Pricing Quotation Sheet

- I. Base Cost City Code (493 pages) Includes \$5,220**
- (A) Number of Copies (5 requested)
 - (B) General Code recommends that the City reuse their existing Binders for each Code, three ring or post (5 requested)
 - (C) Legal Analysis, as described in Duties of Publisher
 - (D) Special Features; List Below
 - (E) Estimated Number of Pages (number of pages included in base rate) 8½" x 11" Format
 - 1) 340 Single column pages plus an additional 20 pages added to the Code for supplementation

- II. Base Cost Zoning Code Includes (Optional) \$4,550**
- (A) Number of Copies (5 requested)
 - (B) General Code recommends that the City reuse their existing Binders for each Code, three ring or post (5 requested)
 - (C) Legal Analysis, as described in Duties of Publisher
 - (D) Special Features; List Below
 - (E) Estimated Number of Pages (number of pages included in base rate) 8½" x 11" Format
 - 1) 253 Single column pages

III. Variable Cost

- (A) Per Page (Above/Below) 340-page estimate 8½" x 11" Format
 - 1) Single Column \$14.00
- (B) Freight/Shipping 20.00

IV. Time to Completion

- Number of Months Until Manuscript and Editorial and Legal Analysis 3 months
- Number of Months Until Completed Code (after return of manuscript) 7 months
- Number of Days for Updated Supplements 20-30 days

Spencer (1900)

V. Optional Services

(A) Reorder Extra Copies of Extra Code Minimum Number of Copies

- | | |
|--|-----------------|
| 1) Cost per Extra Code with Binder | \$350 |
| 2) Cost per Extra Code without Binder | \$28 |
| 3) Cost per Extra Chapter, separately bound | \$0.15 per page |
| <i>Includes trimming, drilling and binding</i> | |

(B) Updating ordinances in conflict with state and federal statutes

Describe: As part of ongoing supplementation, adopted ordinances will be incorporated into the Code, as applicable. As part of the editorial work on the supplement, conflicts with state or federal statutes may be identified and brought to the attention of the City to address and potentially adopt new legislation. Subsequent amendments shall be included as supplementation to the Code, at the per-page rate noted below.

(C) Providing model ordinances when requested

Included

Describe: Sample legislation is available to the City 24/7/365 using our Multicode Search functionality on eCode360. General Code is also happy to provide sample legislation upon request.

(D) Cost for information retrieval software for the Code (eCode360)

\$0

eCode360 Annual Maintenance Fee is \$995 for our Premium package at your next anniversary date.

(E) Supplement Service (8 1/2" 11" format)

- | | |
|------------------|------------------|
| 1) Single-column | \$17.50 Per Page |
|------------------|------------------|

QUOTATION SHEET CITY OF ISANTI, MN RECODIFICATION OF MUNICIPAL CODE

I) Base Cost City Code (Includes)

Zoning by reference: \$ 8,800

- (A) Five Copies of Code
- (B) Five Binders - one for each Code
- (C) Legal Analysis, as described in Agreement
- (D) Special Features: No additional charge for tables/graphics
- (E) Estimated Number of Pages (included in Base Cost)
8½" x 11" Format

Zoning by reference:

- 1) Single column
- 2) Dual column

442 pages
375 pages

II) Base Cost Zoning Code (Includes)

\$ 4,700

(City Code with Zoning Code included in full: \$8,800 + \$4,700 = \$13,500)

- (A) Five Copies of Code
- (B) Five Binders - one for each Code
- (C) Legal Analysis, as described in Agreement
- (D) Special Features: No additional charge for tables/graphics
- (E) Estimated Number of Pages (included in Base Cost)
8½" x 11" Format

Zoning in full:

- 1) Single column (pages in addition to City Code)
- 2) Dual column

250 pages
210 pages

(City Code with Zoning Code included in full: 442 pages + 250 pages = 692 Total Pages)

III) Variable Cost

- (A) Per Page Increase Rate above 442 pages in base cost (or 692 if zoning included);
8½" x 11" Format

- 1) Single Column
- 2) Dual Column

\$ 18
\$ 21

- (B) Freight/Shipping

IV) Time to Completion

Number of Months Until Manuscript finished

Number of Months Until Completed Code (after return of manuscript)

Number of Days for Updated Supplement

4-6 months
3 months

45 days for annual
updates (quicker for more
frequent updates)

V) Optional Services

- (A) Reorder Extra Copies of Complete Code.

- 1) Minimum Number of Copies
- 2) Cost per Extra Code with Binder
- 3) Cost per Extra Code without Binder

None
\$60
\$40

(B) Updating ordinances in conflict with state and federal statutes:

This is offered as part of legal review included with the recodification

(C) Providing model ordinances when requested:

Publisher can provide model ordinances at no cost; city can also view and search all codes posted on Publisher's website at no cost.

(D) Search and Retrieval Software (Online Code)

1) Conversion of Code (one-time setup fee)

\$ 585 (\$725 if zoning included)

2) Future Online update fee

\$ 1.75/page

3) Online annual hosting fee

\$ 450

(E) Supplement Service; 8½" x 11" Format

1) Single-column

\$18 Per Page

2) Dual-column

\$21 Per Page

No additional charge for pages with tables or graphics

RESOLUTION 2020-XXX

APPROVING APPLICATION FOR AN EXEMPT GAMBLING PERMIT FOR RUM RIVER BMX 50/50 RAFFLE

WHEREAS, the City has received an application for exempt gambling permit from Rum River BMX to hold an event on October 25th, 2020 at Rum River BMX, Isanti, MN; and,

WHEREAS, the applicant estimates the value of prizes to be awarded is \$1,800 for the event and will require state approval; and,

WHEREAS, the City of Isanti has no objection to the conduct of lawful gambling by the applicant, in accordance with law, at the designated location; and,

WHEREAS, the applicant, Sean Wilson, has successfully passed a background check by the Isanti Police Department;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Isanti, Minnesota that the applications for an exempt gambling permits is approved for the following date: October 25th, 2020 at Rum River BMX;

This Resolution is hereby approved by the Isanti City Council this 6th day of October 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
Human Resources / City Clerk



City of Isanti
110-1st Avenue NW
PO Box 428
Isanti, MN 55040
Phone: 763.444.5512
Fax: 763.444.5560

APPLICATION FOR AN EXEMPT GAMBLING PERMIT

Applicant Instructions:

1. Fee upon application is \$50.00 and must be made payable to City of Isanti.

Name of Organization: Rum River Bmx Association

Address of Organization: 101 Isanti Pkwy NW. Isanti MN. 55040

Name and address of the officers and person accounting for receipts, expenses, and profits for the event:

Sean Wilson

Name	Address	Phone No.
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Cherie Sullivan	1018 Bellaire Blvd NW. Isanti MN. 55040	
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Name	Address	Phone No.
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Name	Address	Phone No.
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Type of Event: Raffle (50/50) Date of event: Oct 25th 2020

Use of Proceeds: Proceeds shall be use to offset cost of awards and event

Location and address of event:

Isanti Indoor Arena 101 Isanti Pkwy NW Isanti

Estimated value of prizes to be awarded: \$1,800.00

Name of applicant: Sean Wilson

Applicant's phone number: _____

Signature of applicant: _____

Date: _____

Approved by City Council _____ Resolution # _____

POS = 3 / 311

C:\Users\admin\data\clerk\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\LCCS2M5N\Exempt Gambling Application.docx

RESOLUTION 2020-XXX

AUTHORIZING A REDUCTION IN THE LETTER OF CREDIT FOR HERITAGE ESTATES

WHEREAS, Level Contracting LLC, (developer) has submitted a written request for a reduction in the letter of credit as described in the development agreement between the developer and the City of Isanti; and,

WHEREAS, the developer has requested a reduction of the remaining balance less the 10% required for the warranty period, leaving a balance of \$41,500; and,

WHEREAS, the developer has successfully completed improvements for this development; and,

WHEREAS, the Community Development Director and City Engineer have reviewed the request and recommended approval.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Isanti, that the requested reduction in the letter of credit be hereby **APPROVED** as requested, **BE IT FURTHER RESOLVED** that the City Council of the City of Isanti authorizes City Staff to execute said reduction.

This Resolution was duly adopted by Isanti City Council this 6th day of October, 2020.

Attest:

Mayor Jeff Johnson

Katie Brooks
City Clerk/Human Resources