



## Request for Council Action

**TO:** Mayor and City Council  
**THROUGH:** Tim Murray, City Administrator  
**FROM:** Mark DuChene, City Engineer  
**MEETING DATE:** May 25, 2021  
**SUBJECT:** Resolution 2021-114 Order Improvements, Approve Plans and Specifications, and Establish Bid Date for TH 3 & TH 21 EVP Improvements - Contract 2021-06

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### **Background:**

The attached resolution orders the improvements, approves the construction plans and specifications, and establishes a bid date for the proposed TH 3 & TH 21 EVP Improvements, Contract 2021-06. This project consists of installing emergency vehicle preemption (EVP) devices on the existing signal system at TH 21 & TH 3 intersection to allow emergency vehicles to interrupt the normal traffic signal cycle to give the emergency vehicles green lights in the direction of their travel.

The preliminary total estimated cost of the improvements including 10% contingency and engineering fees is \$30,000.

The project will be partly financed through a grant from the MNDOT Local Partnership Program for up to \$15,000. The grant funds are only eligible for construction costs for the trunk highway legs (three of four legs) of the intersection (75% of construction costs)

The attached resolution also establishes a bid date of July 7, 2021. Construction is scheduled to begin in late summer/fall of 2021.

### **Recommendation:**

Approve Resolution 2021-114

### **Attachments:**

- Resolution 2021-114
- Plans and Special Provisions (Cover Sheets Only)

## **CITY OF FARIBAULT**

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### **RESOLUTION #2021-114**

#### **ORDER IMPROVEMENTS, APPROVE PLANS AND SPECIFICATIONS, AND ESTABLISH BID DATE FOR TH 3 & TH 21 EVP IMPROVEMENTS – CONTRACT 2021-06**

**WHEREAS**, the approved 2020-2024 Capital Improvement Plan and the adopted 2020 City Budget included \$100,000 for Emergency Vehicle Preemption upgrades to certain traffic signal systems which said funds were encumbered into 2021; and

**WHEREAS**, one of said traffic signal systems is located at the intersection of TH 21 (Lyndale Avenue), TH 3 (20<sup>th</sup> Street NW) and Park Avenue; and

**WHEREAS**, the City received a grant from the Minnesota Department of Transportation Local Partnership Program for up to \$15,000 in State fiscal year 2022 to cover the State's share of the construction costs only; and

**WHEREAS**, the total cost of the improvements is estimated to be \$30,000.00, and;

**WHEREAS**, plans and specifications for the improvements have been prepared by the City Engineering Department.

**NOW, THEREFORE BE IT RESOLVED**, the proposed TH 3 & TH 21 EVP Improvements, Contract 2021-06, are hereby ordered as proposed.

**ALSO, BE IT RESOLVED**, that plans and specifications for the TH 3 & TH 21 EVP Improvements, Contract 2021-06, prepared the City Engineering Department, are hereby approved.

**ALSO, BE IT RESOLVED**, a bid opening date of July 7, 2021 is hereby established for the TH 3 & TH 21 EVP Improvements, Contract 2021-06.

**Date Adopted:** May 25, 2021

**Faribault City Council**

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**Kevin F. Voracek, Mayor**

**ATTEST:**

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**Timothy C. Murray, City Administrator**

# CITY OF FARIBAULT, MINNESOTA

CONSTRUCTION PLAN FOR EMERGENCY VEHICLE PREEMPTION SYSTEM INSTALLATION  
**2021 T.H. 21 / T.H. 3 INTERSECTION**  
**EMERGENCY VEHICLE PREEMPTION SYSTEM**  
 CITY CONTRACT NO. 2021-06

S.P. 6613-33  
 S.A.P. 125-010-018

T.H. 21 SOUTHBOUND STATIONING 134+90 TO 136+50

T.H. 21	
GROSS LENGTH	160.00' / 0.030 mi.
BRIDGES LENGTH	NA
EXCEPTIONS LENGTH	NA
NET LENGTH	160.00' / 0.030 mi.

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET & LOCATION MAP
SHEET NO. 2	EXISTING SIGNAL DETAILS
SHEET NO. 3-4	EXISTING SIGNAL LAYOUT
SHEET NO. 5	EXISTING WIRING DIAGRAM

THIS PLAN CONTAINS 5 SHEETS

GOVERNING SPECIFICATIONS

THE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION - 2018 EDITION SHALL GOVERN.  
 ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

*[Signature]*  
 CITY ENGINEER

*[Signature]*

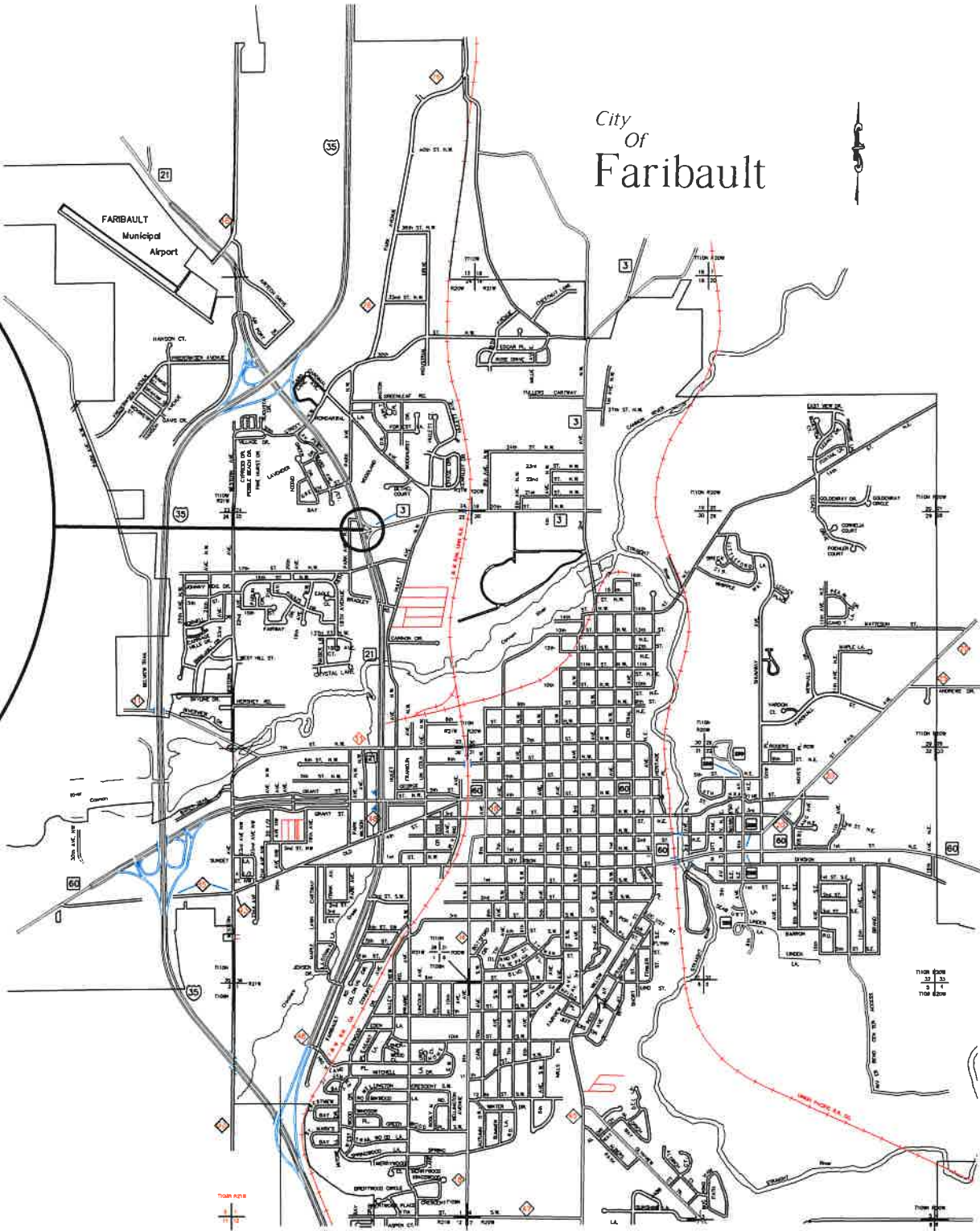
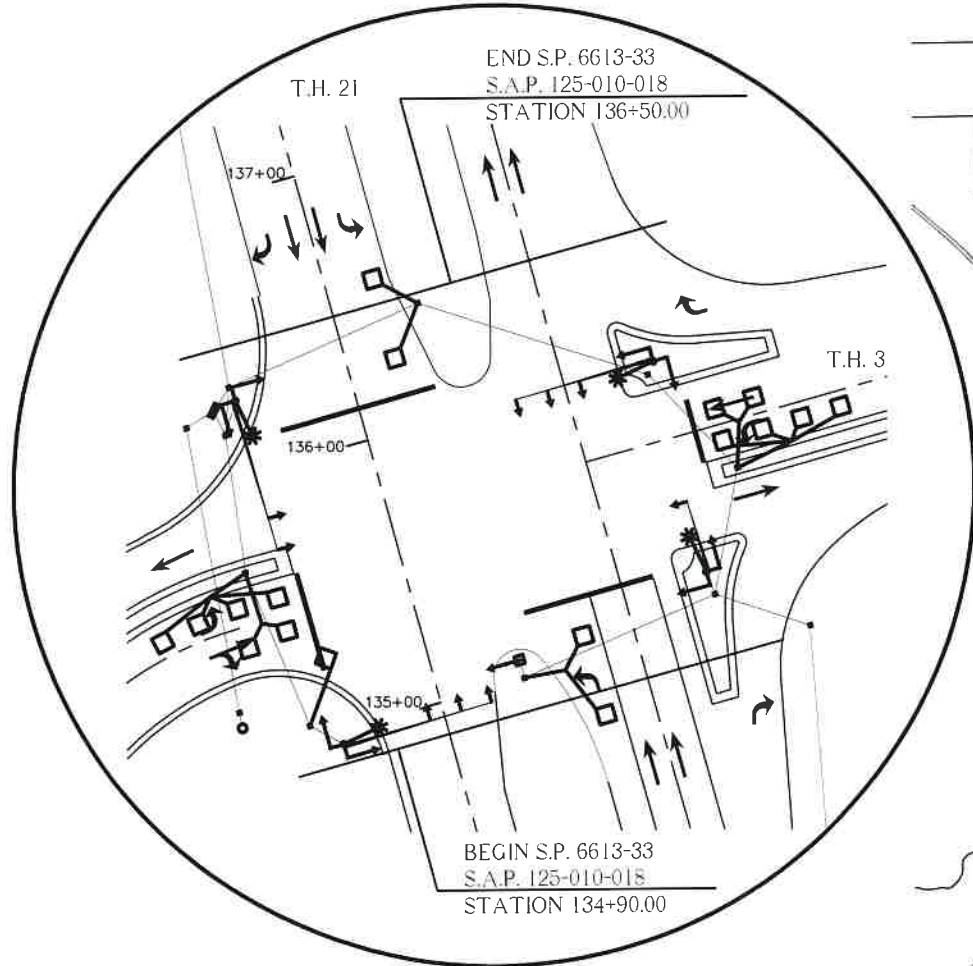
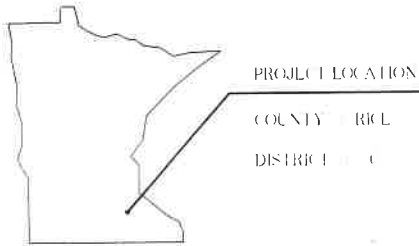
MARK W. DUCHENE, P.E.  
 DESIGN ENGINEER: I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 5-21-2021 LICENSE NO. 46594

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY DATE: \_\_\_\_\_

STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING DATE: \_\_\_\_\_

S.P. 6613-33, S.A.P. 125-010-018, CITY CONTRACT NO. 2021-06



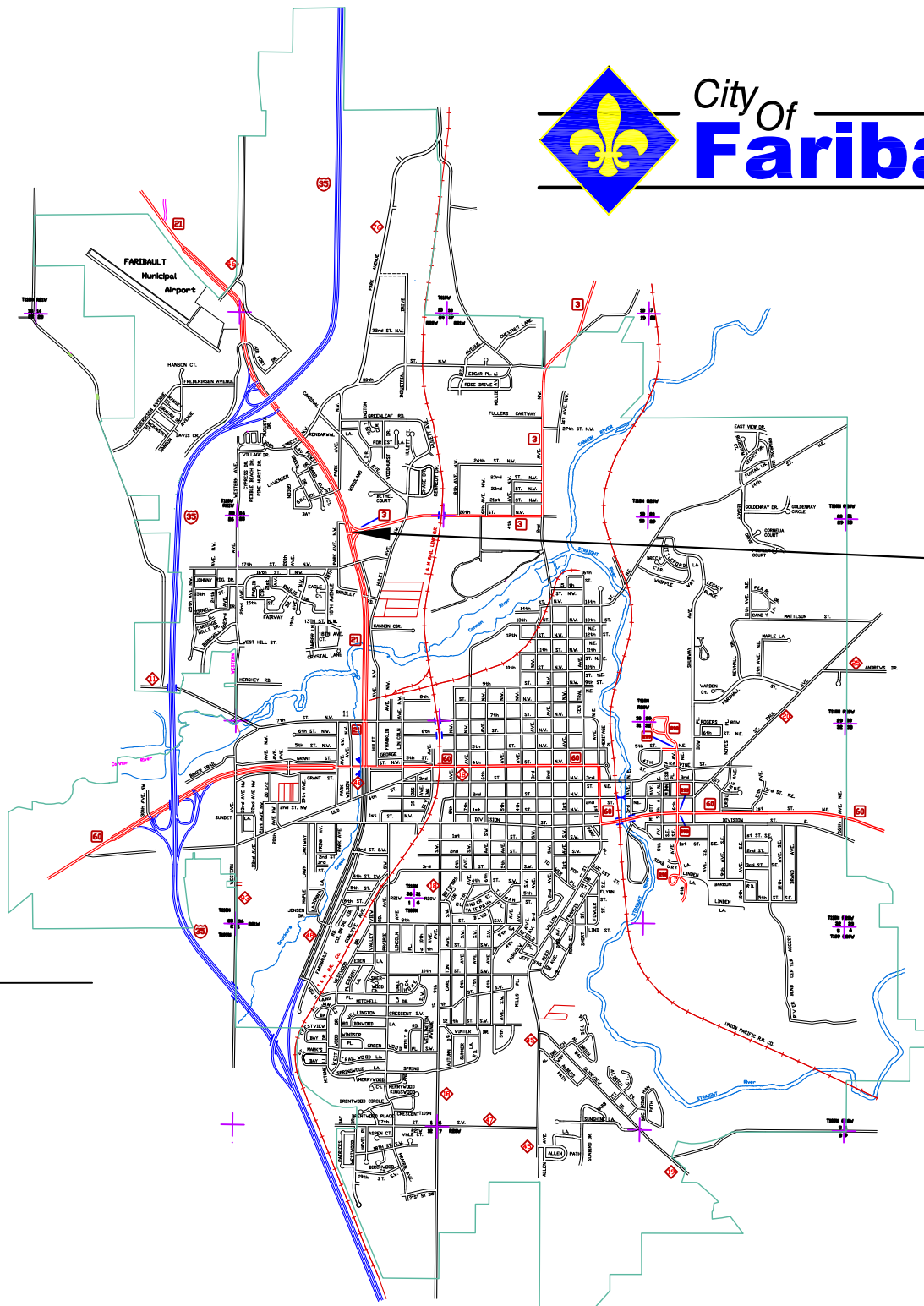
\*\*HEIGHT OF EYE = 3.5', HEIGHT OF OBJECT = 2.0'

DESIGN DESIGNATION		
T.H. 21		
S.A.P. 125-010-018		
ADT / HCA DT (2016)	T.H. 21	15,200
	T.H. 3	6,900
	30TH ST.	980
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL	
NUMBER OF TRAFFIC LANES	4	
NUMBER OF PARKING LANES	0	
DESIGN STRENGTH	10 TON	
DESIGN SPEED **	50 MPH	
R VALUE	30	
DESIGN ESALS	3,655,200	
DESIGN SPEED NOT ACHIEVABLE AT	N/A	

ALL MUNICIPAL UTILITY INFORMATION AND ALL OTHER SUBSURFACE UTILITY INFORMATION SHOWN IN THIS PLAN IS UTILITY QUALITY LEVEL "D". THIS QUALITY LEVEL HAS BEEN DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-2 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".



# City of Faribault



**PROJECT  
LOCATION**

**CONTRACT:** 2021-06

**PROJECT:** TH 3 & TH 21 EVP IMPROVEMENTS

**BID DATE:** July 7, 2021 11:00 a.m.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Mark W. DuChene, City Engineer

LIC. NO. 46594 DATE 5-21-2021