

Bill No. 4777

Ordinance No. \_\_\_\_\_

Requested by: Amanda Brauer

Sponsored by: Council as a Whole

AN ORDINANCE APPROVING AN AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT WITH THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION FOR THE GATEWAY GREEN LIGHT PROGRAM, FEDERAL PROJECT CMAQ-5414(632)

WHEREAS, 23 U.S.C. Section 149 authorizes the funding of projects providing for congestion mitigation and air quality (“CMAQ”); and

WHEREAS, the Missouri Highways and Transportation Commission (“MHTC”) is the agency designated to receive and dispense such funds; and

WHEREAS, In St. Charles County ordinance 17-015, St. Charles County’s governing body approved an agreement for the Gateway Greenlight Program, Phase 4, Federal Project CMAQ-5414(632); and

WHEREAS, this phase 4 of the Gateway Green Light Program includes the installation of approximately 1.6 miles of new conduit and fiber optic cable. The current Gateway Green Light Wide Area Network consists of approximately 100 miles of conduit and fiber optic cable; and

WHEREAS, this phase of GGL Program also includes engineering

services to provide signal optimization for eight corridors and isolated locations identified to benefit from new signal timing plan development; and

WHEREAS, an amendment to the Agreement is necessary to reflect a change in Scope of Work as previously approved as Exhibit A – Scope of Work; and

WHEREAS, St. Charles County Government has the resources to develop and provide such services through execution of an intergovernmental agreement with the MHTC; and

WHEREAS, Section 70.220 RSMo. authorizes an intergovernmental agreement between political subdivisions for the purposes herein set out.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNTY COUNCIL OF ST. CHARLES COUNTY, MISSOURI, AS FOLLOWS:

Section 1. The County Executive is hereby authorized to execute an amendment to the agreement CMAQ Program Agreement, Federal Project CMAQ-5414(632), with the MHTC for the Gateway Greenlight Program, which was authorized by St. Charles County Ordinance 17-015.

Section 2. The amendment to the agreement, authorized by this ordinance, shall be substantially the same in form and content as that attached hereto as **Exhibit 1** and incorporated herein.

Section 3. Compliance with all the terms of the agreement shall be the responsibility of the Manager of Roads and Traffic.

Section 4. This ordinance shall be in full force and effect from and after the date of its passage and approval and such agreement shall be valid upon the lawful execution of the agreement by the County Executive and appropriate officials of the State of Missouri as required by Chapter 70 of the Revised Statutes of the State of Missouri.

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DATE PASSED

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DATE APPROVED BY COUNTY EXECUTIVE

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CHAIR OF THE COUNCIL

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COUNTY EXECUTIVE

ATTEST:

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COUNTY REGISTRAR

CERTIFICATE OF DIRECTOR OF FINANCE

I certify that there is a balance otherwise unencumbered to the credit of the appropriation to which this ordinance is chargeable, and a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made, each sufficient to meet this obligation.

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Director of Finance

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Date

CCO Form: FS30  
Approved: 10/02 (BDG)  
Revised: 03/17 (MWH)  
Modified:

CFDA Number: CFDA #20.205  
CFDA Title: Highway Planning and Construction  
Award name/number: CMAQ-5414(632)  
Award Year: 2017  
Federal Agency: Federal Highway Administration, Department of Transportation

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
CONGESTION MITIGATION AND AIR QUALITY AGREEMENT  
SUPPLEMENTAL AGREEMENT**

THIS SUPPLEMENTAL AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and St. Charles County (hereinafter, "County").

WITNESSETH:

WHEREAS, on March 21, 2017, the Commission and the County previously entered into a CMAQ- Funds Agreement as to public improvements designated as CMAQ-5414(632), for Gateway Green Light, Phase 4 (hereinafter, "Original Agreement"); and

WHEREAS, the Commission and the County now desire to revise the Original Agreement as provided in this Supplemental Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations contained herein, the parties agree as follows:

(1) REVISION: **Exhibit A – Scope of Work** of the Original Agreement is hereby removed and replaced with the following:

**Exhibit A – Scope of Work**

The goal of this project is to reduce travel times, delays, fuel consumption, greenhouse gas emissions and incidents within St. Charles County through the continued deployment of a Regional Arterial Management System.

- **Task 1:** Procure and install 10 additional travel time detectors on major arterials around St. Charles County.

- **Task 2:** Procure and install 5 permanent count stations at critical points along primary arterials to monitor traffic flows, review adequacy of traffic management plans and signal operations, and track traffic growth trends over time.
- **Task 3:** Procure and install 15 Pan-Tilt-Zoom (PTZ) surveillance cameras and associated network communication equipment on the fiber optic backbone along major arterials around St. Charles County.
- **Task 4:** Procure and install 1 arterial scale Dynamic Message Signs (DMS) along primary arterials at critical driver decision points.
- **Task 5:** Upgrade the existing video detection system at four intersections in order to collect turning movement count data and transfer it to the TMC through the existing ITS infrastructure.
- **Task 6:** Complete the installation of approximately 1.6 miles of fiber optic backbone communication links within the County. These links are:
  - Elm St/Duchesne Dr (City of St. Charles)
  - Betham Tower/New Town Blvd (City of St. Charles)
  - St. Charles County Highway Department to Pet Adoption (St. Charles County)
  - Droste Rd (Signals 150 and 187, St. Charles School District)
- **Task 7:** Conduct an update to the GGL Feasibility Study.
- **Task 8:** Procure and install enhancements to the current ATMS system.
- **Task 9:** Procure engineering services to provide integration support during the build out of the GGL system.
- **Task 10:** GGL has identified 54 signals spread between eight corridors and isolated locations, which would benefit from new signal timing plan development.

2017 and 2018 Optimization Corridors

	Route		Cross Street		Cross Street	Number of Intersections
1	Jungermann Rd	from	Veterans Mem Dr.	to	Country Creek Dr	9
2	Muegge Rd	from	Mexico Rd	to	Old Highway 94	8
3	Mexico Rd	from	Jungermann Rd	to	Muegge Rd	4
4	Zumbehl Rd	from	I-70	to	Arena Parkway	13
5	5th St/S River/Arena	from	Jefferson St	to	Rte 364	10
6	Elm St/New Town Blvd	from	Mueller Rd	to	Kingshighway	9
7	W Clay St/Kingshwy	from	Duchense Dr	to	Elm St	10
8	Rte 94	from	Fox Hill Rd	to	Rte 370	4

(2) ORIGINAL AGREEMENT: Except as otherwise modified, amended, or supplemented by this Supplemental Agreement, the Original Agreement between the parties shall remain in full force and effect and shall extend and apply to this Supplemental Agreement as if fully written in this Supplemental Agreement.

IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by the \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Executed by the Commission this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

MISSOURI HIGHWAYS AND  
TRANSPORTATION COMMISSION

\_\_\_\_\_

\_\_\_\_\_

By \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

ATTEST:

ATTEST:

\_\_\_\_\_  
Secretary to the Commission

By \_\_\_\_\_

Title: \_\_\_\_\_

Approved as to Form:

Approved as to Form:

\_\_\_\_\_  
Commission Counsel

\_\_\_\_\_

Title: \_\_\_\_\_

Ordinance No.: \_\_\_\_\_