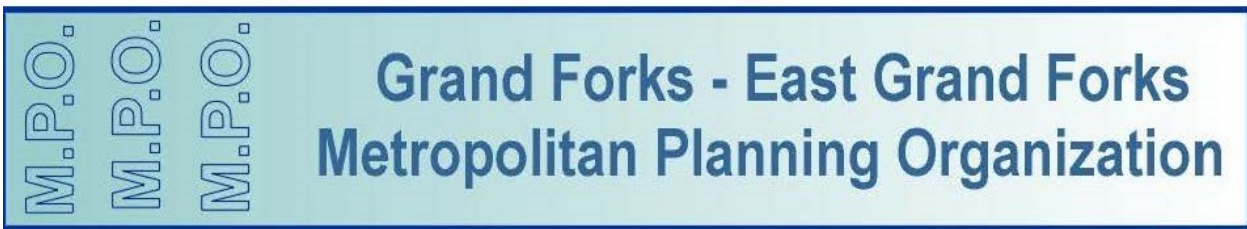


**Overcoming Barriers**

**Strengthening Connections**



**Ensuring Opportunities**

**Planning One Community**

**MPO Staff Report**

**MPO Technical Advisory Committee: August 14, 2019**

**MPO Executive Board: August 21, 2019**

**RECOMMENDED ACTION: Approve Scope of Work from ATAC to Update Traffic Count Program Study**

Matter of the Traffic Count Program Study.

**Background:** For the past several years, we have engaged ATAC to work with the traffic signals in Grand Forks so that the video detection cameras can also collect traffic counts. The data has been used in many studies and have provided invaluable resources for improving traffic operations. There exists a Master Agreement with ATAC that outlines the general types of work ATAC has capability to perform. It allows individual addendums to be executed for specific scopes of work. There exists a 7<sup>th</sup> Addendum under the current Master Agreement that covered 9 intersection and additional reporting enhancements. What is being proposed is an amendment to that Addendum

As traffic signal cameras advance, new protocols and processes need to be established to allow the continued counting to take place. The new cameras also bring opportunity to capture more data at the intersections where installed. 6 intersections will be integrated into the program. The attached scope would have ATAC implement the necessary processes to allow data to be captured at these locations. The 6 intersections are:

1. S. Washington and 44<sup>th</sup> Ave S
2. S. Columbia Rd and 36<sup>th</sup> Ave S
3. S. Columbia Rd and 40<sup>th</sup> Ave S
4. Gateway Dr and N. Washington St
5. Gateway Dr and N. 55<sup>th</sup> St
6. DeMers and Columbia Rd west ramp

**Findings and Analysis:**

- This is an activity identified in our 2020 Work Program.
- ATAC is identified as the consultant to assist.

**Support Materials:**

- ATAC Draft Scope of Work –

# North Dakota MPO Planning Support Program Master Agreement

## Amendment to: *Grand Forks-East Grand Forks MPO Addendum #7 to the Master Agreement*

Grand Forks has requested that additional tasks to be added to Addendum #7. The tasks below will be added and the original budget will increase as noted below. This will also extend the completion date of Addendum #7 to the effective date as shown below of February 28<sup>th</sup>, 2020.

1. *Project Title:* **Vision Camera Data Collection & Traffic Analysis Enhancements - Amendment 1**
2. *Effective Dates:* **August 12, 2019 through February 28<sup>th</sup>, 2020.**
3. *Amendment Tasks:* ATAC will setup the following six VISION intersections for traffic data collection:
  - a. Washington St @ 44<sup>th</sup>
  - b. Columbia @ 36<sup>th</sup>
  - c. Columbia @ 40<sup>th</sup>
  - d. Gateway @ Washington
  - e. Gateway @ 55<sup>th</sup>
  - f. Demers @ Columbia SB
4. *Principal Investigator:* Kshitij Sharma
5. *Desired Deliverables:*
  1. Reporting capabilities for the additional intersections.
6. *Contract Amount:* \$ 8,843

### AUTHORIZATION:

**Grand Forks-East Grand Forks MPO**

**North Dakota State University**

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Authorized

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Signature

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Authorized

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name and Title

\_\_\_\_\_  
Date

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Name and Title

\_\_\_\_\_  
Date

### BUDGET:

**ND MPO Planning Support Program 2015-2021**  
**Addendum #7: Vision Camera Data Collection & Traffic Analysis**  
**Enhancements - Amendment 1**

Cost Item	Amount
Staff Salaries	\$ 1,449
Benefits	\$ 594
Grad Student Salaries	\$ 1,152
Undergrad Student Salaries	\$ 2,784
Benefits	\$ 197
Operating	\$ -
Total direct costs	\$ 6,176
NDSU overhead (43.2%)	\$ 2,668
<b>Total project cost</b>	<b>\$ 8,843</b>

DRAFT