

Attachment 2



EAST OF 101 TRAFFIC SIGNAL IMPROVEMENT (TR1902)

SEPTEMBER 09, 2020

WHAT IS AN AUTOMATED TRAFFIC SYSTEM PERFORMANCE MEASURES (ATSPM) SYSTEM

- ATSPM system allows for retrieval, storage and visualization of granular signal data
- It measures operational performance of signals
- Enables better decision making and proactive traffic operation
- Essential tool for engineers to enhance traffic operations

WHAT ATSPM SYSTEM PROVIDES



Continuously available data



Data that is comparable across the entire system



Automated alerts for maintenance and operational issues



Sharable reports that summarize the impact of maintenance and operational activities

Location Map



SELECTION PROCESS

- RFP issued on February 28
- Deadline Extension due to Shelter-in-Place Order
- Proposals received April 30
- Interviews held July 15

Traffop Corp.
Cubic ITS, Inc.
Econolite Systems
Iteris, Inc.

AWARDING GUIDELINES

Consultant (professional services)

- Consultant is selected through a qualifications based selection

Contractor (construction)

- Contracts are awarded to the lowest responsive responsible bidder

RECOMMENDATION



- ✓ Thorough understanding of the existing system and approach to utilize existing communication and traffic signal system to provide complete ATSPM capabilities.
- ✓ Positive feedback from existing clients/users
- ✓ Integration with Waze/Google, adding origin-destination modules, etc..

FUNDING AND BUDGET

Idea Grant Funding



\$144,585

10% Contingency

\$25,310

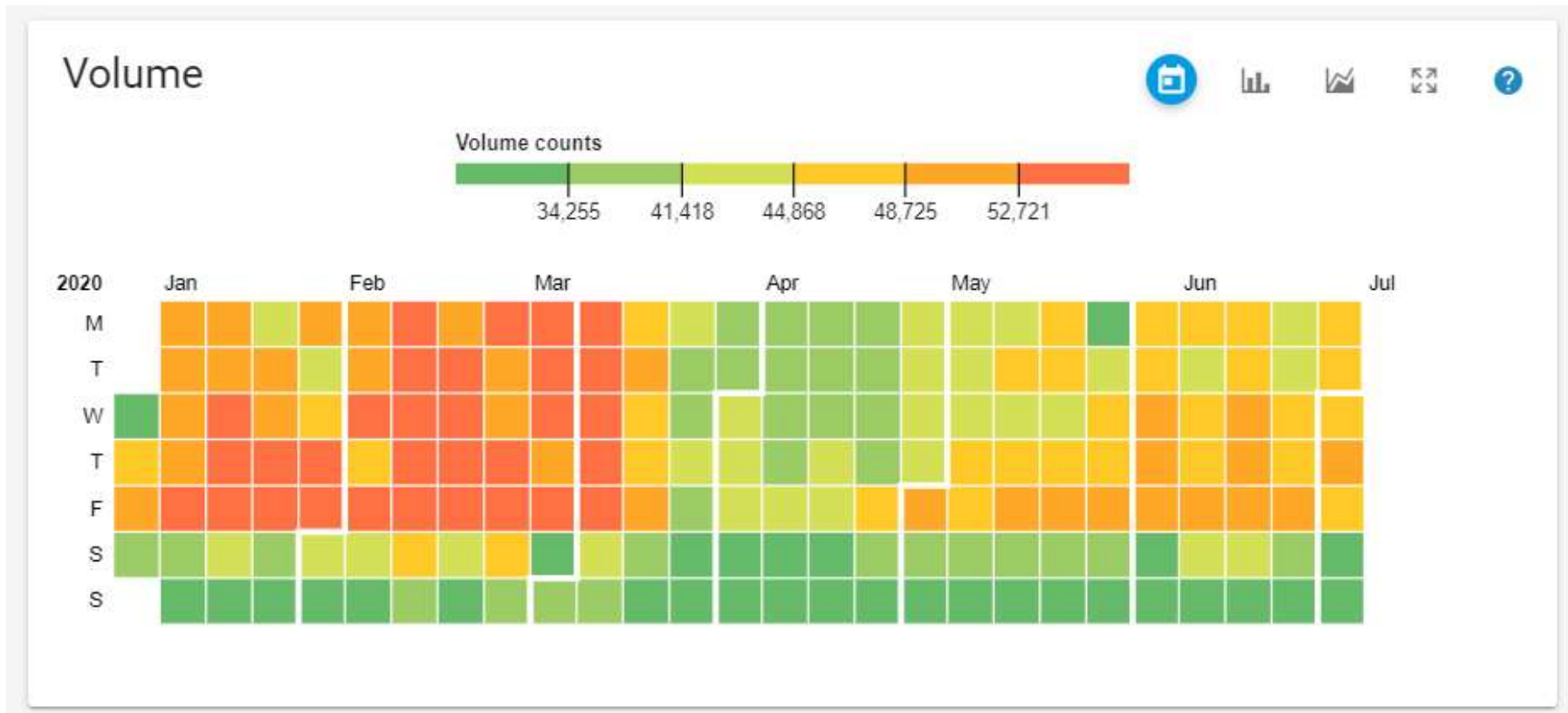
East of 101 Impact Fees



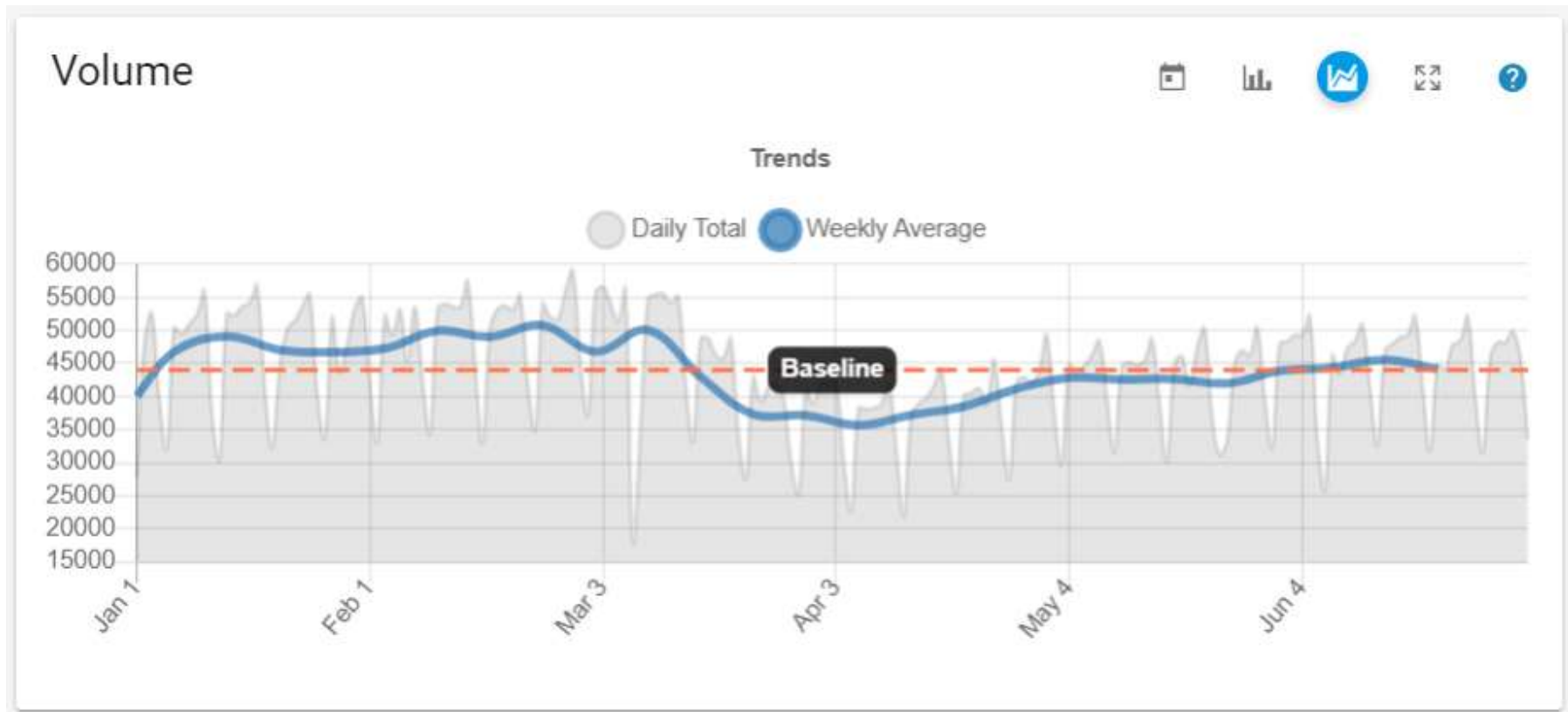
\$108,515

TOTAL AMOUNT
\$278,410

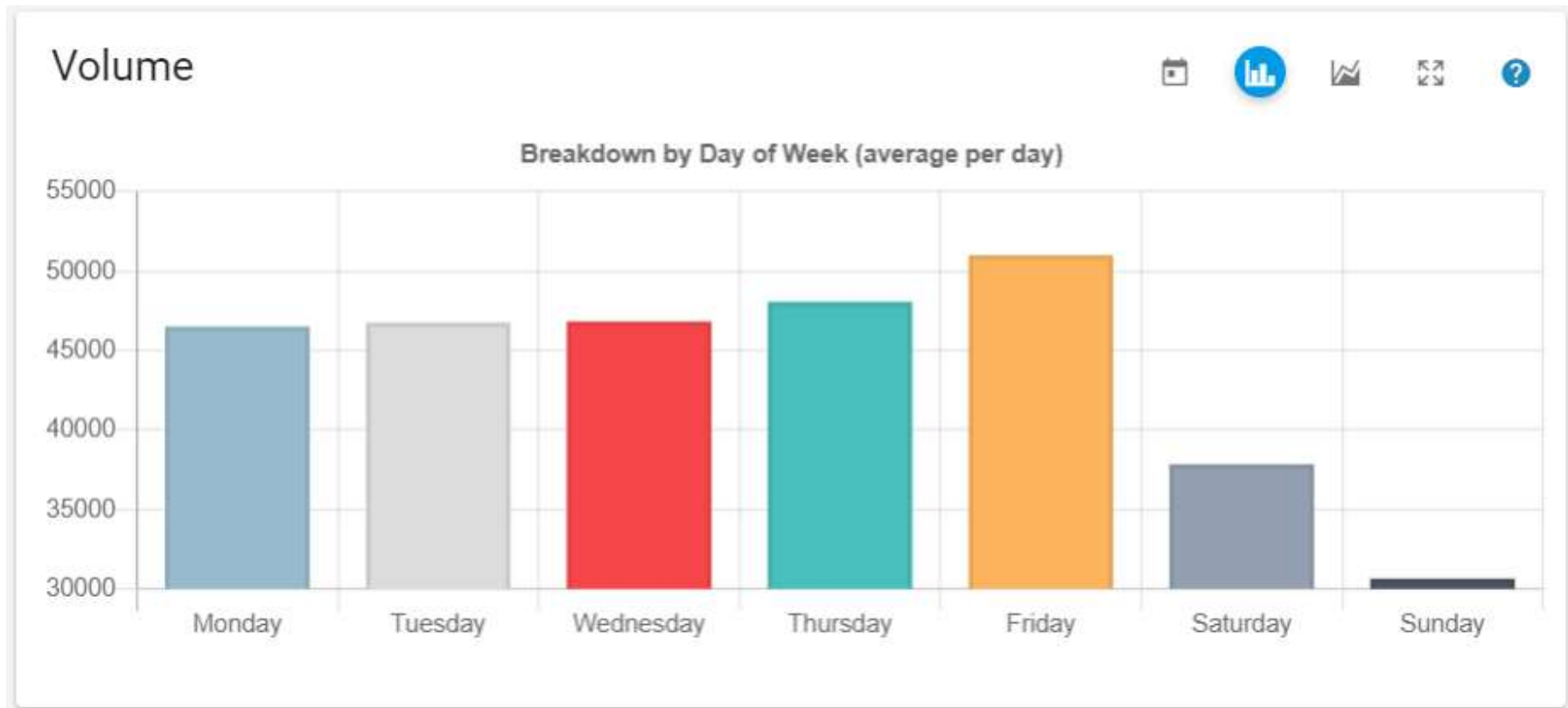
EXAMPLE: COVID-19 TRENDS



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QUESTIONS?