
SRTMC OPERATING BOARD MEETING NOTIFICATION

WHEN: Wednesday, January 19, 2022

TIME: 1:00 PM – 3:00 PM

WHERE: Microsoft TEAMS Meeting

REFERENCE DOCUMENTS:

December 2021 Meeting Minutes

December 2021 Activity Reports

December 2021 Expenditure Summaries

OPERATING BOARD MEETING AGENDA

- 1) **Call to Order:** 1:03 PM
- 2) **Roll Call / Record of Attendance:** Ryan Medenwaldt (SRTMC), Mike Bjordahl (WSDOT), Mike Kress (SRTMC), Jason Lefler (WSDOT), Steve Milatz (SRTMC), Glenn Wagemann (WSDOT), Eve McMenamy (SRTC), Jeremy Clark (CoSV), Ken Knutson (City), Ryan Kipp (CoSV), Nate Thompson (County), Kathleen Weinand (STA)
- 3) **Public Comments:** No public in attendance, no comments.
- 4) **Action – Consent Agenda**
 - a) **December 2021 Meeting Minutes**
 - b) **December 2021 Activity Reports**
 - c) **December 2021 Expenditure Summaries**

Motion to approve Action items 4a-4c made by Jeremy seconded by Eve. Vote unanimous, carried

- 5) **SRTMC Staff Updates**
 - a) **IT Update - Steve/Ryan**

Steve worked on network cabling in SRTMC offices, end of month expenditures, research on SRTMC Ops equipment upgrades, documentation for Geiger and US-2 ramp meter equipment, and support agreements for SRTMC software. Steve has been working on unlimited data plan changeovers for cellular sites supported by the SRTMC where CCTVs are available. Worked with WSDOT traffic on analytics changes with PeMS platform affecting low volume areas in addition to the amendment to extend the support agreement through 2022-2023. Working with partner agencies and Robert Everman (WSDOT) on arterial data collection devices to 4G capable models.



Ryan investigated and patched security vulnerabilities for SRTMC resources. Both Ryan and Steve have been working with Mike Kress and the TEF shop to troubleshoot and remedy issues with Portable HAR/VMS. They believed to have resolve power issues with VMS and modem. IT also worked on optimizing SRTMC web servers to improve performance and user accessibility. Ryan also made some improvements to the video wall software to allow easy remote reset capabilities for the TMC operators. Ryan has also been testing SRTMC workstation OS upgrades and software migration.

b) Operations Update – Mike

Mike has been working on winter operations for the TMC as well as Work Zone Database and its use in Eastern Region. He assisted the vendor on continuation of the SRTMC website replacement project. Mike aided IT with portable HAR/VMS troubleshooting – they are still working on HAR module testing which will require further coordination with WSDOT radio technicians. Dave and Mike are remaining flexible with their schedules during the winter season to help operator coverage and reduce overtime with staff shortages.

6) SRTMC Expenditures

Glenn provided a quick presentation on December end of Month Expenditures. Current Spending is on track with 2023 projections. A letter will be issued soon to each agency for partner fund dues.

7) Information & Discussion

a) Grant Funding Request for Off the Top Funds - SRTC Executive Board 1st touch

Glenn presented to the SRTC Executive Board for the \$2.1M request. This also included background information on functions of the SRTMC, the existing infrastructure, and the purpose of the partnership to educate new members serving on the board. Glenn plans to attend the upcoming TTC, TAC, and SRTC Executive Board meetings.

b) DA-300 Cell Service with 3G ending – Discuss current contract is for 5 years from 2019 or activation date – Glenn/Steve M.

3G cellular networks set to expire in February. Steve and Glenn are investigating options with Hardware supplier to remedy the issue. Existing contract specified 5 years of support from 2019 or date of device activation (2 years remaining). They are looking into ability to upgrade to DA-400 devices which are 4G capable. Other complications are tied to the device manufacturer being acquired by another supplier. There are 4 locations (1 x CoS, 1 x County, 2 x WSDOT) that currently have no available network connectivity. Robert Everman (WSDOT) has been lending his assistance and they are currently working out the details whether to proceed with option a) RMA the 4 units without network availability, or b) RMA all 9 3G devices since they are no longer a supported product. Removal and installation of a new DA-400 will result in some data-loss at the affected locations. While moving the devices to new locations is possible, re-locating a device will negatively affect any existing routes and associated data which will need to be reconfigured in the system. Another proposed option by Nate to the board was pursue credit applied to their account if hardware replacement is not pursued.

c) Camera Decoder Expenditure Out of Partner Funds for City of Spokane – Ken/Steve M.

Through discussion with SPD IT Director, SPD is mostly focused on downtown corridor cameras. They have an existing video wall system with access to some of the

City's CCTVs. Currently, there is not significant interest or funding from SPD to purchase and install additional camera equipment. Glenn suggested potentials to use other funds (partner) for replacement parts at specific locations. The intent would be that replacement efforts lends itself to the TMC's goal to minimize direct fiber connections at the Intermodal facility and deprecate legacy analog equipment. Part of the discussion also focused on preparing CCTV consumers/stakeholders for a "conversion date" of when access to the analog system would no longer be supported. A web-based solution is being pursued as part of the SRTMC Equipment Replacement Project.

d) **CAD Access from Spokane Police Dept. for SRTMC, starting discussions – Ken/Mike K. (Mike K. will share the need for and Ken will share internal City discussions)**

SPD IT Director is seeking options to share City CAD access with TMC that would provide a sanitized feed. This would strictly provide traffic related incident information to aid the TMC for incident management. Ken is hoping he will have more information to share in a future meeting.

e) **PeMS Training, Target February 9th or 10th – Glenn**

Rundown of available data, reports and upcoming features for the PeMS platform. The training is not expected to exceed 2 hours. Discussion with the board members suggested ideal timeframes were in the afternoon on the 9th, and any time on the 10th.

f) **Update TMC Position – Glenn**

Recruitment process is out for the part-time TMC Operator position. Glenn is working on writing the TMC Manager position description. The manager position will not require a license and will be classified in the technical engineer series. Glenn will share a draft document with the Operations Board before the position goes out for recruitment.

g) **SRTMC Work Plan and Budget for 2022 – Glenn**

No updates provided – Glenn plans to make this an agenda item for the February 2022 Operating Board Meeting.

8) **Agency Updates**

a) **Ramp Meter Performance Presentation – WSDOT Jason Lefler**

Jason recapped the strategy used for the ramp meter corridor and that all EB ramps worked in coordination to break up platoons and balance volumes entering the freeway system. WSDOT traffic engineers have access to the TMC's ATMS system with CCTV visibility on the various ramp meters and the I-90 corridor. This allows them to monitor queuing and traffic incidents to make manual metering rate or override adjustments from the central traffic controller management system as necessary. The ramp metering system is mostly self-operating since the algorithm adjusts the flow rates in coordination. This allows the corridor to recover more quickly and reduce overall delay.

Data captured in PeMS revealed significant impacts tied to the closure of the EB Freya On Ramp between June 28 – Oct 7th. Their observations concluded that while the Freya ramp was open, there was a significant reduction in speed during



commute hours (~35mph). While the Freya ramp was closed and the ramp meters were operating optimally this speed reduction was essentially eliminated. WSDOT is continuing to pursue permanent closure of the EB Freya on-ramp which is speculated to occur sometime in Spring. Glenn will work with Jason to provide this presentation at the upcoming TTC meeting in February.

STA – No significant updates provided. STA replacement board member currently unknown.

SRTC – The SRTC Board adopted Horizon 2045 Transportation Plan in December. The plan is available on srtc.org website. \$4.5M in funding available which has been assigned to several projects in the region. Working with STA on the data project to improve transportation demand model.

County – No significant updates provided.

CoSV – Preparing for upcoming 2022 projects – placing items on order for updates and upgrades.

CoS – No significant updates outside what was covered in the meeting.

9) **Future Agenda Items**

- SRTMC Work Plan and Budget for 2022 - Glenn

10) **Adjournment:** 2:54 PM

Motioned by Jeremy, seconded by Nate. Vote unanimous