

POTOMAC EXCHANGE WELCOME

August 9, 2017

PSTOC

Fairfax, VA





POTOMAC REGIONAL OPERATIONS EXCHANGE
SPONSORED BY THE I-95 CORRIDOR COALITION

WEDNESDAY, AUGUST 9, 2017

AT VIRGINIA PUBLIC SAFETY TRANSPORTATION OPERATIONS CENTER (PSTOC)
4890 ALLIANCE DRIVE, FAIRFAX, VA

AGENDA

COFFEE AND NETWORKING	9:30
WELCOME AND INTRODUCTIONS TRISH HENDREN, EXECUTIVE DIRECTOR, I-95 CORRIDOR COALITION JOEY SAGAL, MARYLAND SHA	10:00 – 10:15
<u>SESSION 1: RITIS TOOL DEMO- USER DELAY COST QUANTIFICATION</u>	10:15 – 12:15
MICHAEL PACK, DIRECTOR, UNIVERSITY OF MARYLAND CATT LAB	
<ul style="list-style-type: none">➤ MARYLAND AFTER ACTION REVIEWS➤ ATLANTA BRIDGE COLLAPSE AFTER ACTION REVIEW<ul style="list-style-type: none">○ GDOT (IN PERSON AND REMOTE PARTICIPATION)	
BREAK	12:15
<u>SESSION 2**: HOW CAN I FUND MY TSMO PROGRAMS? AN FHWA OVERVIEW</u>	12:30-2:00 (A WORKING LUNCH)
FHWA PANEL DISCUSSION- DIVISION OFFICES OF MARYLAND, DC AND VIRGINIA BRECK JEFFERS (MARYLAND); JOSUE PLUGUEZ (WASHINGTON DC); IRIS VAUGHAN (VIRGINIA)	
<ul style="list-style-type: none">➤ <i>Hear about the different types of federal funding that can be used for TSMO programs such as STP, CMAQ, NHPP . . .</i>➤ <i>What types of procurements or innovations are qualifying for federal funding?</i>	
ROUNDTABLE DISCUSSION	2:00-2:30
<ul style="list-style-type: none">➤ FUTURE TOPICS: TRUCK PARKING, STAGE TOWING, ESRI MAPPING, WAZE AND DATA SHARING	
WRAP UP DENISE MARKOW, DIRECTOR, I-95 CORRIDOR COALITION	2:30 – 2:45
3:00 PSTOC MINI TOUR (OPTIONAL)	

1. What types of TSMO strategies, programs and plans qualify for Federal-aid Funding?

TSMO Strategies, Programs and Plans			
Traffic Operations	1	Signal Design and Construction	8
TIM	2	Signal Maintenance and Operations	9
Congestion Management	3	ITS Master Planning	10
Construction Work Zone Management	4	ITS Design and Construction	11
Road and Weather Management and Operations	5	ITS Maintenance	12
TMC Dispatch Operations	6	ITS System Software Development & Procurement	13
TSMO Work Programs	7	IT Support for TSMO Operations	14
Comments:			

2. What types of TSMO strategies, programs, projects and plans can qualify for specific Federal-aid Funding?

TSMO Strategies, Programs and Plans									
1	Project Type	Y/N	N/A	TSMO Program	STP	NHPP	CMAQ	SP&R	HSIP
2	Statewide Traffic Incident Management								
3	Traffic Incident Management Corridor Detour Plans								
4	Probe Data Procurement for Congestion Management								
5	Statewide 511 Traveler Information								
6	511 Live Call Center								
7	TOC Operations								
8	Advanced Transportation Management System Design and Procurement (ATMS)								
9	24/7 IT Support								
10	Safety Service Patrol (SSP)								
11	Master Planning for Operations								
12	Statewide Communications Study								
13	Webpage Development and Support								
14	Adaptive Traffic Signals- Design and Construction								
15	Signal Maintenance Contracts								
16	ITS Architecture								
17	ITS Academic Research- optimal traffic monitoring sensors								
18	ITS Device Design for RWIS sites								
19	ITS Maintenance Contracts								
20	Fiber Optic Training								
21	Coordinating Committees								
Comments:									

3. What type of documentation is required in order to have funding authorized?

Supporting Documentation and Back Up Documentation		
1	Work Program	What is this? Can you define it?
2	MOU Agreements	What are some samples of these?
3	Scope of Work	When are these not needed?
4	Costs Proposals	Do you require IGE's for all projects?
5	STIP reference	Why are these needed?
6	Project Closeouts	What are the requirements for this? When do you do it?
7	Systems Engineering Review Forms	When do you require these?
8	Professional Service Contracts	What do you require in these?
9	Research/Report Deliverables	When do you require these?
10	Design and Construction Projects	What are the requirements for Design and Construction Projects? (PPS&E Package, Sys Engineering Review Forms, ITS Testing Forms, etc.)
11	Signal Projects	Do signal projects have different requirements?
12	IT Support Projects	When IT is involved in projects, what types of requirements do you need from them? (MOU)
13		When are Financial Audit Reports needed?
14	Federal Aid Funding	At what stages do you authorize funding ?
		Project Development (Planning Process)?
		Is Project Development different than Planning?
		System Management, monitoring and evaluation?
15		Program Development?
16		ITS Architecture?
17	Federal Aid Requirements	Are there any other federal requirements that need to be followed? 2 CFR 200 for federal grants? Construction project contract provisions?
18	Performance Dashboards	Are any reporting metrics required?
Comments:		

4. What are eligible TSMO support staff costs that qualify for Federal-aid funding? Are these correct?

Typical Staff Support Costs						
	DOT in-house staffs:	Salary	Fringe Benefits	OT	Administrative/Indirect Costs	N/A
1	TOC Operators	Y	Y	Y		
2	ITS Engineering Staff	Y	Y	Y		
3	Traffic Operations Eng Staffs	Y	Y	Y		
4	IT Support	Y	Y	Y		
5	Program Managers	Y	Y			
6	Administrative Staffs	Y	Y			
7	In house staff SSP drivers	Y	Y	Y		
8	Professional Service Contracts					
9	University In-house staff	Y	Y			
10	Researchers	Y	Y			
11	Project Managers	Y	Y			
12	SP TIM Units	Y		Y		
Comments:						

5. What are eligible equipment costs that qualify for Federal-aid Funding?

TSMO Funding - Eligible Equipment			
		Y or N	N/A
1	TMC Equipment		
2	Dispatch Radio Equipment		
3	SSP Trucks		
4	SP TIM Vehicles		
5	Microwave Communication Equipment		
6	Computer Servers		
7	Application Servers		
8	Virtual Servers		
9	Media (video) Servers		
10	Portable Dynamic Message Signs		
11	CCTV Cameras		
12	Road and Weather Sites		
13	Speed Volume and Occupancy Data Sensors		
14	Promotional TSMO Items (coffee mugs, pens, etc)		
15	Video Wall		
16	Networking Switches, Routers, Cabling		
17	Tools and Equipment on SSP trucks		
18	Desktop Computers		
19	Laptops, Aircards, Printers		
20	Hardened Laptops used in Field Services		
21	Training		
22	Professional Services Contracts:		
23	ITS Consultants		
24	Maintenance Contracts (CCTV, DMS)		
25	Telecommunications contracts		
26	Software Applications: ATMS Software (Open Reach) Cloud based software applications		
27	Cloud Hosting		
28	Web development		
Comments:			



Topic Ideas (from TSMO Summit Report)

Corridor wide Topics

New England	Tri-State	Delaware Valley	Potomac	Southern
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- ✓ TSMO Corridor Strategic Plan
- ✓ How do States operate under TSMO?
- ✓ Funding Sources
- ✓ TSMO Value ROI
- ✓ Standardizing Performance Measures along the corridor
- ✓ Significant Events Coordination & Communication

Potomac

- ✓ Truck Parking ROI
- ✓ Stage Towing ROI
- ✓ ESRI Integration and Mapping
- ✓ Data Sharing (WAZE)
- ✓ Maine to FLA Portal Data Sharing
- ✓ Heavy Towing

Corridor wide 511 topics

Technology
What is trending in 511?
What is trending in Traveler Information besides 511?
What is the use of 511 vs other technologies?
Learn more about mobile apps that detect pedestrian crossings, school zones and high collision location.
GPS Routing in Emergency Operations & Special Events – how to change provider maps for major events?
Use of Traveler Information
How do we use 511 for Evacuation Planning?
What is involved with “Social Media Monitoring”? How can it be best used?
Maximizing the use of 511 for Significant Events Planning & Coordination
How can we best post work zone information?
Data Sharing
Sharing event/work zone/weather data across borders
Sharing data across all transportation modes
Data sharing – public - public partnerships
Data sharing – public – private partnerships (How do we share our data with vendors?)
Performance Measures
Conducting an ROI on Travel Times
Conduct an ROI on Truck Parking

I-95 Corridor Coalition TMC-to-TMC Communications August 2017

DELAWARE VALLEY (New Jersey (South), Delaware, Pennsylvania)



PA Turnpike TMC
866-332-5889
Highspire, PA
800-932-0586

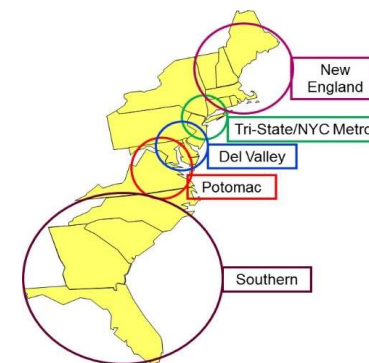
PENNSYLVANIA
PennDOT Statewide TMC 717-346-4400
Scranton/Wilkes –Barre TMC 570-963-4341
Lehigh Valley TMC 610-871-4600
Pennsylvania Harrisburg TMC (Central PA) 717-265-7600
Philadelphia Region King of Prussia TMC 610-205-6934

South Jersey TMC
856-486-6650

Delaware TMC, Smyrna, DE
302-659-4600

Delaware River Port Authority
Police (DRPA) Camden, NJ
856-968-3301

Delaware River & Bay Authority
(DRBA) TMC
302-571-6342



POTOMAC (Maryland, DC, Virginia)

MARYLAND CHART TMC
410-582-5650

MARYLAND – MD Transportation Auth. AOC
(includes Bridges and Tunnels)
Central 410-537-1233/1234
North 410-537-5601
South 410-537-6615

DC DOT TMC
202-671-3368

NORTHERN VIRGINIA TMC
703-877-3401

VIRGINIA Staunton TMC
Northwest VA 866-597-1851

VIRGINIA Central Region
(Richmond) TMC 804-796-4520

VIRGINIA Salem TMC
Southwestern VA 888-782-7982

VIRGINIA Statewide Operational
Support Center 804-786-4692

VIRGINIA Hampton Roads TMC
Eastern VA 757-424-9920

NOTE: TMC's shown are those impacting interstate incident information exchange. There are additional TMC's within State Jurisdictions that are not shown.



**All connected with MATOC-Capital Region
301-614-3703**

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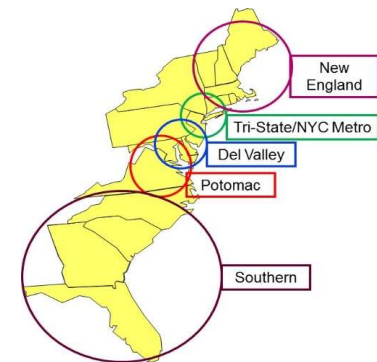
**SOUTHERN REGION ALL CONNECTED THRU
STIX TMC/ATLANTA, GA
877-499-7849**

NORTH CAROLINA
Raleigh Stateside TMC
877-627-7862

SOUTH CAROLINA
Columbia TMC

GEORGIA
Atlanta TMC

FLORIDA TMC'S



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