

# TSMO AT OHIO DOT

TSMO Program Plan Roundtable

John MacAdam, PE



# PRESENTATION OUTLINE

1. History/Timeline
2. ODOT's TSMO Plan
3. What Has ODOT Done?
4. How have we communicated TSMO?
5. Lessons learned

<http://TSMOatODOT.com>

ODOT Transportation Systems  
Management & Operations  
Resource Alignment Brief



ODOT Transportation Systems  
Management & Operations Plan  
Plan Summary



Prepared for:



Prepared by:



ODOT Transportation Systems  
Management & Operations Plan  
Action Implementation Plan



Prepared for:



Prepared by:



May 2017  
Updated December 2017



# WHAT HAS ODOT DONE?

- TSMO Council
- District TSMO Coordinators
- Central Office Operations T.O. change

# WHAT HAS ODOT DONE?



# WHAT HAS C

Weighting %	Criteria	Calculated by	Value Range	Range		Normalized Value
				Min	Max	
				0%	50%	0

## TSMO CONSIDERATIONS:

- Briefly describe the o
- Consider opportuniti
- TSMO infrastructure
- cameras, traffic signa
- optics.
- TOAST is the Traffic C
- For additional TSMO
- <http://www.dot.state>
- What existing TSMO i
- need to be moved or
- Are there any local TS
- recommendations in
- emergency or transit
- dynamic message sig
- What MPO ITS archite
- planned? Consult the
- applicable.
- Categories of potent
- include: Exempt, Low
- pager for 940.
- Could this project exp
- communications syste
- What type of device c
- exists?
- Should this location h
- upgraded?
- Will additional condu
- infrastructure/comm
- Will existing device pe
- be disrupted?
- Does this project req
- plan?
- Are the current traffic
- system?
- Are there alternative routes
- incident management?

Tue 1/2/2018 8:46 AM

 DOT SPR Planning

SFY19 State Planning & Research Part 1 Funding Application Now Available

To  DOT DDD; DOT CODD; DOT COOA; DOT CPA

Cc  Phinney, Scott; Griffith, Caraline; Rapp, Vincent; Locker, Mark; Goddard, Stephen; Bender, Tyler; Abu-Hajar, Omar; Anderson, Rebekah; Annarino, Jacque; Brunello, Antonino; Byram, Mark; Dietrich, Matthew; Dyer, Charles; Gardner, David; Giaino, Gregory; Goddard, Stephen; Granato, Samuel; Haught-Sherred, Wilma; Hill, Timothy; Hisem, Jeffrey; Kidner, Ian; Macadam, John; Moore, David; Painter, Philip; Perlik, Matt; Schleppe, Brian; Schneider, Erica; Stevenson, Andrea; Syar, Jeffrey; Taliaferro, Stephen; Troyer, Derek; Williams, Andrew; Yeray, Jason; Fout, Vicky; aramirez@mvrpc.org;

 You forwarded this message on 1/30/2018 12:47 PM.

**Action Items** + Get more a

All:

The Office of Statewide Planning & Research would like to announce that applications for SFY19 State Planning & Research (SPR) Part 1 funds are now available. Applications are due on January 31, 2018.

The application form can be found [here](#). If needed, applications can be saved for future edits before being submitted. A button on the bottom of the application saves the file and provides a link to use when you want to start editing again.

For fiscal year 2019, the Office of Statewide Planning & Research intends to focus SPR funding on projects that:

1. Advance initiatives outlined in ODOT's TSMO Plan
2. Support planning for automated and connected vehicles
3. Support freight planning

The SPR Part 1 Program provides a unique opportunity to fund creative and innovative transportation planning projects across the state. Please take time to consider submitting funding applications on behalf of your office or district. Should you have any questions about the SPR Part 1 application cycle please contact me at (614) 466-2348 or [SPR.Planning@dot.ohio.gov](mailto:SPR.Planning@dot.ohio.gov).

OTHER TSMO Considerations:				98%	100%	10
----------------------------	--	--	--	-----	------	----



# HOW HAS ODOT COMMUNICATED TSMO?



# LESSONS LEARNED

- Communicate often
- Workshops are nice
- Start with Goals
- Involve Leadership
- Involve Everybody
- Aim for a Program
- Changing Resources is not easy
- Ask for help
- TSMO is successful in the background
- Take Action

# LESSONS LEARNED: COMMUNICATION

## OUR MISSION

To provide easy movement of people and goods from place to place, we will:

Take care of what we have;

Make our system work better;

Improve safety;

Enhance capacity.

# WORKSHOPS ARE NICE

- Ask for opinions
- Executive buy in helps

# START WITH GOALS AND OBJECTIVES

- Do not try to communicate about something you have not yet defined
- PM Quote: “This is the most stressful project I have ever been a part of”

# INVOLVE LEADERSHIP

- Clear decision makers
- Executive support and approval
- Executives should not be the sole decision makers

# INVOLVE ALL GROUPS

- District workshop representation
- TSMO Council variety
- TSMO Coordinators variety

# AIM FOR A PROGRAM, NOT A PLAN

- o Plan helped us get to a program.
- o Started acting on the plan before the plan was finalized.

# CHANGING RESOURCES IS NOT EASY

- Do not try to reorganize the entire thing
- One pot of money?

# ASK FOR HELP

- Many TSMO programs/initiatives that require partnerships.
- However, only *after* you get your own story straight



HOME

DISTRICTS

DIVISIONS

ODOT A-Z

EMPLOYMENT

SERVICES

CONTACTS

ODOT Home

## ODOT'S MISSION

- To provide easy conveyance of people and goods
  - Take care of what we have
  - Improve safety
- [click here for more](#)

### Featured Items

#### Online Resources



[www.OHGO.com](http://www.OHGO.com)

Your source for real time traffic updates. Access up-to-the minute details on current traffic speeds, cameras, incidents, road construction, and weather-related conditions affecting travel from your desktop, tablet or mobile device.

The OHGO App is Here!

Chief Legal Counsel

Communications

Construction Management

Construction Management/Contract Sales

Director's Office

Engineering

Facilities & Equipment Management

Finance

Human Resources

Information Technology

Innovative Delivery

Jobs & Commerce

Legislative Affairs

Operations

Opportunity, Diversity, & Inclusion

Planning

Rail Commission

UAS

## Welcome to ODOT

### Director Wray Welcome Video



Watch the message from Director Wray

### Director's Office



**ODOT Director**  
Jerry Wray

### Businesses and Contractors



**Doing Business with ODOT**

Links to business-related resources

- Establish a TSMO Council to provide leadership and authority to move the TSMO Program forward.

LEAD: ODOT LEADERSHIP

SUPPORT: N/A

STATUS: COMPLETE

TARGET DATE: OCTOBER

STATUS: IN PROGRESS

COUNCIL: COREY

COORDINATORS: YOH

- Develop TSMO-based operations system plan for critical corridors.

LEAD: DIVISION OF ENGINEERING (D. HOLSTEIN)

SUPPORT: DIVISIONS OF PLANNING/OPERATIONS

TARGET DATE: TBD

STATUS: IN PROGRESS

COUNCIL: DAVE SLATZER

COORDINATORS: OCKUNZZI, GRAKE

- Create an asset management inventory for all TSMO technologies.

LEAD: DIVISION OF OPERATIONS (J. YERAY)

SUPPORT: DIVISIONS OF PLANNING/ENGINEERING

TARGET DATE: TBD

STATUS: IN PROGRESS

COUNCIL: MITCH BLACKFORD

COORDINATORS: BOSCH, YOH

Lead

- Develop and implement a TSMO Communication Plan.

LEAD: COMMUNICATIONS / PROJECTS

SUPPORT: DIVISION OF OPERATIONS

TARGET DATE: JUNE

COUNCIL: ROXANNE

Develop the Traffic Operations Assessment Systems Tool (TOAST).

LEAD: DIVISION OF OPERATIONS (J. MACADAM)

SUPPORT: DISTRICT PLANNING

TARGET DATE: JUNE

STATUS: IN PROGRESS

COUNCIL: TAMMY CAMPBELL

COORDINATORS: OCKUNZZI

- Develop the TSMO Strategic Plan.

LEAD: DIVISION OF PLANNING

TARGET DATE: JUNE

COUNCIL: TAMMY CAMPBELL

- Include TSMO

LEAD: DIVISION OF PLANNING (T. HILL)

SUPPORT: DIVISION OF OPERATIONS

TARGET DATE: JULY

COUNCIL: JENNIFER TOWNLEY

- Perform a benefit-cost analysis for all project alternatives to allow assessment of TSMO

LEAD: DIVISION OF ENGINEERING (D. HOLSTEIN)

SUPPORT: DISTRICT PLANNING, TSMO COORDINATORS

STATUS: IN PROGRESS

COORDINATORS: OCKUNZZI

Council

Coordinator

- Implement interim TMC facilities upgrades and improvements.

LEAD: DIVISION OF OPERATIONS (J. MACADAM)

SUPPORT: DIVISIONS OF FACILITIES/IT

- Establish Ohio Traffic Incident Management (TIM) leadership structure.

LEAD: DIVISION OF OPERATIONS (C. MERCKLE)

SUPPORT: TSMO COORDINATORS

TARGET DATE: MAY

STATUS: IN PROGRESS

COUNCIL: HUEBNER/STURGEON

COORDINATORS: BOSCH, FOUKES

- Establish an updated statewide training plan for Ohio TIM.

# LESSONS LEARNED

- Communicate often
- Workshops are nice
- Start with Goals
- Involve Leadership
- Involve Everybody
- Aim for a Program
- Changing Resources is not easy
- Ask for help
- TSMO is successful in the background
- Take Action

# TSMO AT OHIO DOT

TSMO Program Plan Roundtable

John MacAdam, PE

614.752.9695

[john.macadam@dot.ohio.gov](mailto:john.macadam@dot.ohio.gov)

