

# **Draft MOITS Strategic Plan**

## **Presentation to the MOITS Technical Subcommittee**

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# Strategic Plan and Program Plan

- Draft MOITS Strategic Plan v1.4 distributed for review on February 5, 2010
  - Some comments received since then but not yet incorporated
  - Executive Summary and a few other components still to be written
  - Need to add a glossary
- Draft Project Descriptions for the MOITS Strategic Plan v0.4 distributed today

# Overall Plan Structure

- Executive Summary – to be written
- Ch. 1 – Introduction
- Ch. 2 – Background
  - MOITS formation and history; national state of the practice; National ITS Architecture
  - TPB Vision, MOITS goals, objectives, and strategies
- Ch. 3 – MOITS Strategic Direction
  - Emphasis areas
- Ch. 4 – Best Practices
- Ch. 5 – Program Assessment and Support
  - Performance measures
- Project Descriptions (currently separate) v0.4
  - Costs and sequencing
- Technical Appendices as necessary (to be written)

# What's in the Plan?

- *What should MOITS as a committee be looking at?*
  - See Ch. 3 – “MOITS Strategic Direction” (Emphasis Areas)
  - STRATEGIC VIEW on what should we be working on collectively
- *What should member agencies or jurisdictions be doing?*
  - See Ch. 4 – “Best Practices”
  - COMPREHENSIVE VIEW on what agencies could or should be doing individually to help meet regional goals
- *What projects should we seek “opportunity funding” for?*
  - See the “Program Plan”
  - Addresses costs and sequencing
- *How should performance be measured?*
  - See Ch. 5 – “Program Assessment and Support”

# Emphasis Areas

*Determined at July 8, 2008 MOITS Work Session*

- ITS Data Warehouse
- Multi-modal Coordination
- Transit Signal Priority
- Interactive Traveler Information
- Transportation Operations Data Sharing
- HOV Lane Management
- Regional Traffic Management
- Regional Parking Management
- Maintenance & Construction Activity Coordination

# Discussion Points:

## Organization and Technical Complexity of the Document

- Development of the Executive Summary will help
- We will also develop an HTML version to take advantage of hyperlinking to organize complex and repetitive sub-sections
  - Move some traceability text to endnotes to increase readability
- Consideration: binding the Program Plan in with the Strategic Plan, versus keeping it separate
  - Differing update cycles?

# Discussion Points: ITS Data Warehouse Emphasis Area

- Dependent upon RITIS
- Funding and institutional support for an expanded RITIS needs to be identified
- Data use agreements / private data / third party use of data

# Discussion Points: Multi-modal Coordination

- Share information among traffic and transit agencies
- We need to share data and use it more effectively
- Transit signal priority is a separate emphasis area



# Discussion Points: Transit Signal Priority

- The Strategic Plan emphasizes enabling TSP – not whether or how to do it
- Also emphasizes creating a venue for joint traffic/transit operations planning
- Looking to leadership from WMATA (and potential funding)

# Discussion Points: Interactive Traveler Information

- Harmonize regional practices
- MATOC/RITIS is the venue for what we can do
- Leverage the private sector / third-party apps

# Discussion Points: Transportation Operations Data Sharing

- MATOC/RITIS is the venue for what we can do
- Leverage the private sector / third-party apps
- Harmonize travel time estimation methods (e.g. those posted on variable message signs)

# Discussion Points: HOV Lane Management

- De facto expanded to “managed lanes management” (including HOT and ETL lanes)
- Some key stakeholders don’t attend MOITS
- Emphasizes forming a venue for coordination (i.e. annual meeting)
- Rules differ among facilities, potentially confusing travelers

# Discussion Points:

## Regional Traffic Management

- Relatively narrow National ITS Architecture definition – freeway/arterial (signals) coordination
- Addressed extensively in Best Practices
- Opportunities for collaboration have been rare
- Operating procedures, not just technology
- MATOC is a new opportunity if sufficiently expanded and funded

# Discussion Points: Regional Parking Management

- This is new for us (regionally speaking)
- Focusing on public park-and-ride lots, especially Metrorail lots
- Whatever we would do would be our first steps (e.g. pilot or demonstration project)

# Discussion Points: Maintenance & Construction Activity Coordination

- This is new for us (regionally speaking)
- Twice a year summit recommended

# Discussion Points: Best Practices Chapter

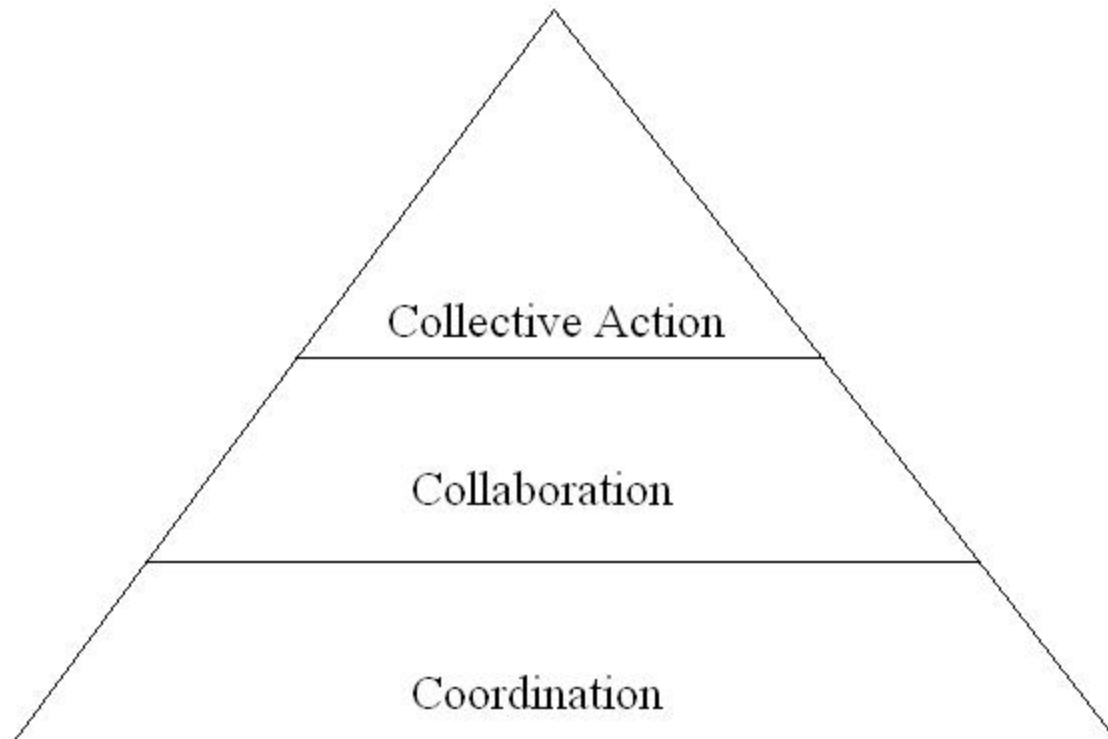
- Describes what needs to happen in the region for effective M&O and technology
  - A comprehensive look that complements the strategically chosen emphasis areas
  - Congruent format to other anticipated TPB plans
- Decision rules for something to be a best practice:
  - Defined as a process or activity anticipated to be especially effective in achieving a desired outcome
  - Should be substantially “beyond debate” among stakeholders
- Best practices address the activities of individual agencies, not of the collective MOITS projects



# Discussion Points: Performance Measures

- Measures identified
  - Direct assessment (e.g. traffic volumes)
  - Calculated – congestion (e.g. V/C ratio)
  - Calculated – travelers' experience (travel time index)
  - Compiled (e.g. number of fatalities)
- Performance measures used were drafted to be compatible with other TPB programs
  - Focused on compatibility with the Congestion Management Process (CMP)
- Should each emphasis area be specifically tied to one or more performance measures?
  - Pros: traceability, specificity
  - Cons: compatibility with other TPB programs; achievability; lack of one-to-one correspondence

# Discussion Points: Levels of Collaboration



# Discussion Points: Program Plan

- Still fine tuning format and numbering system
- Do you have any other project ideas that should be added?

# Schedule

- Aug. 28 – Consultant team kickoff
- Oct. 13 – SPWG Meeting #1
- Nov. 10 – SPWG Meeting #2
- Nov. 13 – RESF-1 discussion
- Nov. 19 – ITS Architecture discussion
- Dec. 8 – SPWG Meeting#3
- Jan. 29 – SPWG Meeting #4
- Feb. 5 – Draft released for review
- Feb. 19 – MOITS committee discussion
- **Mar. 3 – Final comments due**
- Mar. 9 – Final MOITS review