



NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

FOR: Members, Northern Virginia Transportation Authority

FROM: Chairman Martin E. Nohe, Planning and Programming Committee

DATE: June 5, 2017

SUBJECT: Approval to Enter into Program Management Agreement with VDOT

- 1. Purpose.** To seek Northern Virginia Transportation Authority (NVTA) approval to enter into a Program Management Agreement via a Memorandum of Understanding (MOU) with the Virginia Department of Transportation (VDOT) and the Department of Rail and Public Transportation (DRPT), to submit a grant application to the U.S. Department of Transportation (USDOT). The grant application, entitled the *Northern Virginia Regional Mobility Initiative*, falls under USDOT's Advanced Transportation and Congestion Management Technologies Deployment Initiatives (ATCMTD) program.
- 2. Suggested Motion:** *I move approval to enter into a Program Management Agreement with VDOT, for the purpose of supporting a grant application by VDOT to the U.S. Department of Transportation (USDOT).*
- 3. Background.**
 - a. Integrated Corridor Management (ICM) is a relatively new approach, developed by USDOT, to address mobility and accessibility needs in highly congested corridors using proactive real time strategies to better balance travel demand and available capacity throughout a corridor rather than on individual facilities.
 - b. ICM places a strong emphasis on the use of technology rather than expansion of traditional infrastructure.
 - c. ICM enables integration of transportation operations across multiple jurisdictions and agencies, combined with innovative approaches to manage travel demand.
 - d. ICM offers an opportunity to mitigate congestion in the near term at a modest cost, while remaining easily reconfigurable when transportation infrastructure capacity is expanded.
 - e. ICM offers the additional advantage of enabling enhanced transportation management of non-recurrent congestion arising from severe weather, major sporting/recreational events, and incidents such as crashes or other emergencies.

If selected, this grant will enable several foundational ICM components to be deployed in Northern Virginia as part of a new Northern Virginia Regional Mobility Initiative. These components include a regional ICM decision support system, and a

regional data warehouse/portal.

VDOT is currently leading an initiative to develop a concept of operations and deployment plan for ICM in the 'East-West Corridor'.

The East-West Corridor encompasses many of Northern Virginia's regional multi-modal corridors from Route 7 to VRE's Manassas Line.

The East-West Corridor extends east from Route 15 to Arlington County and the City of Alexandria.

VDOT previously completed a similar ICM initiative in the I-95/I-395 Corridor.

Most of Northern Virginia is covered by one of these ICM initiatives.

The grant application for the Northern Virginia Regional Mobility Initiative, if successful, will enable deployment of the above referenced concept of operations of ICM to commence.

NVTA is a member of the Northern Virginia ICM Program Advisory Group that is leading the development of ICM in the East-West Corridor, together with VDOT, DRPT, FHWA, WMATA, MWAA, and Arlington County. Jurisdiction and agency staff and other regional stakeholders have been actively involved in the development in this initiative.

- 4. Cost.** While the grant has a 50 percent match requirement, this requirement will be met using the Commonwealth's resources. There is no cost to the Authority associated with support of this grant application, other than minimal staff support.

If the grant application is successful, the Authority's responsibilities will be governed by the terms of the MOU between VDOT, DRPT, and NVTA. The MOU will not be developed until after receives a notice of award.

- 5. Next Steps:** The application deadline for this grant is June 12, 2017. The USDOT is expected to announce successful applicants in early fall 2017.

NVTA endorsement and participation of the grant, is subject to all of rules and laws governing NVTA.

If the grant is awarded, NVTA staff will work with the NVTA Council of Counsels to develop a project management agreement and an MOU if necessary.