



Loudoun County, Virginia

Board of Supervisors

1 Harrison Street, S.E., 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

Telephone (703) 777-0204 • Fax (703) 777-0421

www.loudoun.gov

**2017 TRANSPORTATION SUMMIT
AGENDA SUMMARY**

Board Room, First Floor, Government Center

Thursday, June 29, 2017

5:00 P.M.

5:00 P.M. Call to Order – 2017 Transportation Summit

I. Call to Order – Chair Randall

II. Information Items

1. Advisory Board and Agency Comments to the Board of Supervisors (Countywide)

While preparing for the 2017 Transportation Summit (Summit), Chair Randall indicated a willingness to extend an opportunity to speak during the Summit to Advisory Boards who interact with Loudoun County regarding transportation initiatives. Only the Economic Development Advisory Board (EDAC) has been identified to speak to the Board.

Staff Contact: Joe Kroboth, III, Transportation and Capital Infrastructure

2. Capital Funding Programmed for Transportation Projects (Countywide)

On May 22, 2017, staff from the Department of Transportation and Capital Infrastructure presented an information item to the Board of Supervisors (Board) regarding the planned topics for discussion at the 2017 Transportation Summit. The information item also included a summary of funding sources used to fund transportation projects and regional transportation planning initiatives. The Board requested staff expand upon the transportation funding discussion to include the funding sources by project contained in the adopted Capital Improvement Program (CIP). This item will provide the Board with a summary of transportation project funding sources by project in the adopted CIP.

Staff Contacts: Penny Newquist & Joe Kroboth, III, Transportation and Capital Infrastructure; Erin McLellan, Management and Budget

3. Intelligent Transportation Systems (Countywide)

This item will discuss multiple options for integrating Intelligent Transportation Systems (ITS) into Loudoun County's future. Staff from the Department of Transportation and Capital Infrastructure has developed an ITS Plan that outlines a roadmap for Loudoun County to support the implementation of Transportation Systems Management and

Operations (TSM&O) to optimize the performance of operations on existing infrastructure through the implementation of multimodal and intermodal systems, services, and projects designed to preserve capacity and improve security, safety, and reliability of the transportation system. An initial phase would implement only baseline philosophies and technologies (e.g., cameras, changeable message signs, Waze integration), that can be readily integrated within the context of existing systems and staffing and interface with the Virginia Department of Transportation's existing capabilities at the Public Safety and Transportation Operations Center and the Loudoun County Sheriff's Office. Over time, Loudoun County could add supplemental systems that address the needs expressed by stakeholders and increase its role in the real-time operations of the Transportation Operations Center.

Staff Contacts: Robert S. Brown, Penny Newquist & Joe Kroboth, III, Transportation and Capital Infrastructure

4. Potomac River Crossing (Countywide)

On September 16, 2016, the Board of Supervisors (Board) met and initiated a process of developing a strategic plan for addressing a multitude of local government issues. One topic of discussion the Board developed consensus around was the pursuit of a new bridge crossing for the Potomac River east of the Goose Creek. This item will provide the Board with background information related to planning studies and public opinion surveys for a Potomac River Crossing between the American Legion Memorial Bridge and the Point of Rocks Bridge.

Staff Contact: Joe Kroboth, III, Transportation and Capital Infrastructure

5. TransAction Plan (Countywide)

This item will present information on the update to the Northern Virginia Transportation Authority (NVTA) Plan known as "TransAction". TransAction is Northern Virginia's Transportation Action Plan—a comprehensive long-range plan for regional transportation investments and decision-making. TransAction is conceived and implemented by the NVTA, which has successfully produced three TransAction plans since NVTA's founding in 2002. The TransAction plan is closely tied to other transportation plans at the local, regional, and state levels. The initial draft plan was developed through a thorough review of jurisdiction transportation plans and programs. Numerous projects are common to both TransAction and the Washington Metropolitan Region Constrained Long Range Plan (CLRP). NVTA monitors the level and sources of project funding already committed to CLRP projects.

Staff Contacts: Robert S. Brown, Penny Newquist & Joe Kroboth, III, Transportation and Capital Infrastructure

6. Rural Primary Roads (Routes 7, 9, 15, 50 and 287) (Blue Ridge, Catoclin, Dulles, and Leesburg)

Routes 7, 9, 15, 50 and 287 are primary rural routes in Loudoun County from which privately owned properties, Loudoun County (County) facilities and rural economy establishments are accessed. The primary rural routes traverse through towns and

villages that are located in the historic and agricultural areas of the County. These roads are also used by commuters traveling from West Virginia, Pennsylvania, Maryland, and northwestern counties of Virginia. Due to the increasing volume of traffic, the rural routes are over capacity. Some segments of these roads do not comply with the Virginia Department of Transportation's (VDOT) current standards because they were constructed many years ago. The County is working with VDOT and the Towns of Leesburg, Purcellville and Hillsboro to assess the current condition of the rural routes and to identify potential solutions to improve the roads. The County has programmed several projects in the Capital Improvement Program to increase safety and reduce congestion on the primary rural routes. This item informs the Board of Supervisors of the current condition and issues associated with primary rural roads and provides an update on any studies and/or capital improvement projects that have been initiated for the roads.

Staff Contacts: Susan Glass & Joe Kroboth, III, Transportation and Capital Infrastructure

7. Route 7, East of Route 28 to the Fairfax County Line (Algonkian, Broad Run and Sterling)

The purpose of this item is to provide the Board of Supervisors (Board) with information to gauge the Board's interest in amending the Countywide Transportation Plan (CTP) to convert the segment of Route 7 between Route 28 and the Fairfax County line (at Dranesville Road) to a limited access roadway or approaching limited access roadway conditions. This 4.07-mile segment of Route 7 is classified as a principal arterial and is built to its ultimate planned six-lane divided (U6M) condition. The roadway currently features numerous traffic signals and both individual and shared parcel access driveways, all of which contribute to reduced roadway capacity resulting in congestion during peak periods. This item will provide an overview of recent improvements, ongoing studies, and current and forecasted traffic volumes/patterns along this segment of roadway. It will also identify external factors affecting the roadway, items that would need to be taken into account with any future study of limited access conversion, and types of potential improvements that could be implemented in this regard to facilitate improved traffic flow in the corridor.

Staff Contacts: Kathleen Leidich & Joe Kroboth, III, Transportation and Capital Infrastructure

8. Route 50 Corridor (Dulles and Blue Ridge)

The purpose of this item is to provide the Board of Supervisors (Board) with information to establish a strategy to prepare the segment of US Route 50 between Northstar Boulevard and the Fairfax County line to become a limited access roadway. It provides an overview of the US Route 50 Corridor, Countywide Transportation Plan conditions (existing and ultimate), studies along the corridor (completed, ongoing, and future), a discussion of adopted and/or planned projects, a discussion of the planned parallel roadway network, and a discussion of issues pertaining to land use restrictions and right of way constraints.

Staff Contacts: Kelly Griffin, Susan Glass & Joe Kroboth, III, Transportation and Capital Infrastructure

9. Public and Private Infrastructure Improvements Adjacent to the Dulles Metrorail Project (Algonkian, Broad Run and Sterling)

Staff will provide a presentation to the Board identifying public and private projects currently anticipated to be complete at the time of the opening of the Silver Line Metrorail in Loudoun County. Projects will include private land development, Loudoun County Department of Transportation and Capital Infrastructure (DTCI) administered projects, Virginia Department of Transportation (VDOT) administered projects and Metropolitan Washington Airports Authority (MWAA) administered projects. In addition, staff's presentation will provide the Board of Supervisors (Board) with graphics reflecting the currently anticipated ultimate build-out of both private development and public infrastructure based on the most up to date information available. As part of the presentation, staff will provide recommendations to the Board that will further support and enhance Metrorail operations that could be completed prior to the opening of the Metrorail.

Staff Contacts: Khattab Shammout & Joe Kroboth, III, Transportation and Capital Infrastructure

III. Adjourn

Please note:

The meeting can be viewed via webcast at: [Loudoun County Webcast](#).

Copies of agenda items are available in the County Administrator's Office and also available online at <http://www.loudoun.gov/bosdocuments>.

If you require a reasonable accommodation for any type of disability in order to participate in the Board of Supervisors 2017 Transportation Summit, please contact the Office of the County Administrator at (703) 777-0200/TTY-711. At least one business day of advance notice is requested; some accommodations may require more than one day of notice.

FM Assistive Listening System is available at the meeting. Agenda Summary-06-29-17