

## Transportation Committee

Meeting date: May 9, 2016

For the Metropolitan Council meeting of May 25, 2016

**Subject:** Adopt the Minnesota Department of Transportation statewide ITS Architecture.

**District(s), Member(s):** All

**Policy/Legal Reference:** FAST Act

**Staff Prepared/Presented:** Arlene McCarthy, Director MTS 651-602-1754

Amy Vennewitz, Deputy Director MTS 651-602-1058

Katie White, Senior Planner, 651-602-1716

**Division/Department:** Metropolitan Transportation Services

### Proposed Action

That the Metropolitan Council adopt the attached resolution recognizing the Minnesota Department of Transportation statewide ITS Architecture.

### Background

Intelligent Transportation Systems (ITS) Architecture refers to the signals, systems, and networks that control and monitor travel movement across our road and transit networks. ITS Architecture should describe the region, boundaries, participating agencies, and stakeholders. It defines how agencies, modes, and systems will interact and operate; and provides the framework for planning, defining, and integrating ITS systems.

MnDOT has partnered with FHWA to ensure consistency between the systems, which are managed by MnDOT, Metro Transit, counties, and other entities. A successful ITS Architecture supports regional goals, maximizes integration of projects identified by the planning process, and supports maintenance efforts over time.

Council Information Systems and Transportation Division staff have determined that this ITS Architecture would not result in any meaningful changes for how the Metropolitan Council and Metro Transit plan for and operate transit operations. Further work will be undertaken to ensure proper documentation and coordination with MnDOT as new systems come on line (such as the A Line and Blue and Green Line Extensions).

### Rationale

ITS Architecture is required by federal planning law and guidance. MnDOT is requesting that all Minnesota MPOs adopt the statewide ITS Architecture for planning purposes.

### Funding

There are no funding impacts as a result of this action.

### Known Support / Opposition

This item has passed through the Transportation Advisory Board, Technical Advisory Committee, and TAC-Planning. There is no known opposition.

METROPOLITAN COUNCIL

390 Robert Street North, St. Paul, Minnesota 55101-1805

RESOLUTION NO. 2016-9

RESOLUTION RECOGNIZING THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
STATEWIDE ITS ARCHITECTURE

*Whereas*, the US Department of Transportation has an adopted national intelligent transportation systems (ITS) architecture which specifies the proper relationships, such as information exchanges, among the components of all ITS projects implemented (in whole or in part) with federal funds; and

*Whereas*, the development of a Regional Intelligent Transportation Systems (ITS) Architecture has been mandated in national transportation legislation in an effort to integrate technological solutions into the transportation network to alleviate congestion and improve safety and efficiency; and

*Whereas*, the Minnesota Department of Transportation has updated the Minnesota Statewide Regional ITS Architecture to address changes statewide relating to ITS Systems, Stakeholders, Interconnections, Service Packages, and Project Inventory; and in conformance with the National ITS Architecture and Standards in accordance with 23 CFR 940 (FHWA Final Rule 940); and

*Whereas*, the FHWA Final Rule 940 ("Intelligent Transportation System Architecture and Standards") and Federal Transit Administration's "National Architecture Policy on Transit Projects" require each metropolitan planning organization (MPO) to adopt or recognize a regional ITS architecture that is consistent with its Long-Range Transportation Plan; and

*Whereas*, ITS projects in a metropolitan transportation planning area must be consistent with a Regional ITS Architecture to be eligible to receive federal funds for implementation; and

*Whereas*, the Metropolitan Council recognizes the Minnesota Statewide Regional ITS Architecture as the regional architecture that shall identify and guide all ITS improvements statewide and within its metropolitan transportation planning area;

NOW, THEREFORE, BE IT RESOLVED:

THAT the Metropolitan Council hereby recognizes the Updated Minnesota Department of Transportation's Statewide Regional ITS Architecture and any subsequent updates as the regional architecture that shall identify and guide all ITS improvements within its metropolitan transportation planning area.

Adopted this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Adam Duininck, Chair

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Emily Getty, Recording Secretary