

ACTION TRANSMITTAL No. 2019-12

DATE: February 11, 2019
TO: Transportation Advisory Board
FROM: TAC
PREPARED BY: David Burns, Senior Highway Planner 651-602-1887
SUBJECT: Intelligent Transportation Systems (ITS) Architecture
REQUESTED ACTION: MnDOT requests adoption of the statewide ITS architecture through the attached resolution.
RECOMMENDED MOTION: That TAB adopt the statewide ITS architecture through the attached resolution.

BACKGROUND AND PURPOSE OF ACTION: Intelligent Transportation Systems (ITS) include electronics, communications, or information processing used singly or in combination to improve the operations, efficiency or safety of a surface transportation system. ITS Architecture provides a framework for planning, defining and integrating ITS across the regional road and transit networks. ITS Architecture describes and defines how participating agencies, stakeholders and systems will interact and operate ITS within the state and region. 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, is both an ongoing and iterative process, and supports maintenance efforts over time.

RELATIONSHIP TO REGIONAL POLICY: ITS architecture is a requirement under federal planning law. MnDOT is requesting that all Minnesota MPOs adopt the updated statewide ITS architecture for planning and project implementation purposes. Adoption will be considered complete when the attached resolution is enacted.

STAFF ANALYSIS: MnDOT and Council staff, including representatives from the Council's Information Services department and Metro Transit, met to discuss and determine existing ITS policies, procedures, and needs. The group also identified projects within the current TIP and Council's capital improvement program that would include ITS elements and adhere to the identified ITS Architecture standards.

COMMITTEE COMMENTS AND ACTION: TAC Planning recommended approval of the motion as written.

At the February 6, 2019, meeting TAC recommended approval of the motion as written.

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Planning	Review & Recommend	1-10-19
Technical Advisory Committee	Review & Recommend	2-6-19
Transportation Advisory Board	Review & Recommend	
Transportation Committee	Review & Recommend	
Metropolitan Council	Review & Adopt	
