

Proposed Resolution
Joint Technical Committee on Electronic Engineering Data
Title: *Endorsement of TransXML*

WHEREAS, Advancements in technology are providing increasing opportunities and needs for the transfer of electronic engineering data throughout the life of a highway project; and

WHEREAS, The Standing Committee on Highways (SCOH) established a Joint Technical Committee on Electronic Engineering Data in October 2007; and

WHEREAS, SCOH charged this committee with the development of national standards and guidance for the transfer of electronic engineering data that are used to develop and deliver capital projects; and

WHEREAS, This technical committee is a joint effort of the Subcommittees on Design, Construction, Bridges and Structures, and Information Systems; and

WHEREAS, AASHTO members participated in NCHRP Project 20-64, which was undertaken to develop data exchange formats using Extensible Markup Language, or XML; and

WHEREAS, TransXML provides an open, vendor-neutral format for storing, exchanging, and archiving transportation data; and

WHEREAS, The output of NCHRP Project 20-64 was the development of schemas (i.e., data structures) using TransXML for the sharing of electronic data in several engineering business areas, including Construction/Materials, Bridge Structures, Survey/Design, and Safety; and

WHEREAS, NCHRP Project 20-64 recommended TransXML for the expansion of these schemas for transferring information throughout the full project delivery process, from initial data collection through as-built plans and for asset management; and

WHEREAS, The technical committee proposes to develop additional schemas for the transfer and sharing of highway electronic engineering data using TransXML; and

WHEREAS, Over the coming years, the technical committee will recommend the adoption of various schemas using TransXML as official AASHTO standards; now therefore be it

RESOLVED, That the Subcommittee on Design supports and endorses TransXML as the basis for the development and expansion of future schemas; and be it further

RESOLVED, That the Subcommittee on Design will review proposed TransXML schemas in the area of design for approval as official AASHTO standards.