

AASHTO Subcommittee on Construction – Computers and Technology Section

2012 – 2013 Work Plan

1. Continue to provide updates and input as needed to enhance the AASHTO Subcommittee on Construction (SOC) National website and the National Highway Specification Website (TBD – Federal Highway Administration)
 - Provide the following documents to the AASHTO Liaison for posting:
 - Results from electronic construction data collection for Local Public Agency (LPA) project oversight Survey
 - AMG Quick Reference Guide (carryover)
 - 2011 – 2012 Activity Report
 - Updated Membership Roster
 - 2012 – 2013 Work Plan
2. Provide input to FHWA activities related to Civil Integrated Management (CIM) and other construction technology related EDC₂ initiatives (Don Greuel – Wisconsin DOT, Douglas Townes – Federal Highway Administration Resource Center)
3. Support implementation of SHRP 2 deliverable products with focus on technology based equipment. (David Unkefer – Federal Highway Administration Resource Center)
4. Provide leadership and guidance for the development of the AASHTOWare web based Project Construction and Materials (C&M) software. Continue to provide leadership and guidance for the enhancement of the Project Modules including Civil Rights and Labor Management System (CRLMS). (Jim Johnson – AASHTO, Don Greuel – Wisconsin DOT, Tom Ravn – Minnesota DOT)
5. Provide representation to the following committees:
 - Electronic Engineering Data Technical Committee. Continuity of Planning, Design, Construction, Maintenance documentation. (George Raymond – Oklahoma DOT, Victor Barbour – North Carolina DOT, John Seabrook – Federal Highway Administration Federal Lands Highway Division)
 - NCHRP 10-77 Use of Automated Machine Guidance (AMG) within the Transportation Industry (Charles Jahren – Iowa State University, Douglas Townes – Federal Highway Administration Resource Center)
 - TRB AFB80 Committee Geospatial Technologies for Design and Construction January and midyear meetings (Charles Jahren – Iowa State University, Douglas Townes – Federal Highway Administration Resource Center)
 - NCHRP 10-81 Fuel Usage Factors in Highway and Bridge Construction. (Jeff Gower – Oregon DOT)
6. Finalize quick reference guide to assist States with automated machine guidance (AMG) preconstruction requirements, construction specifications, data exchange protocol, etc. Will include examples in use by states of their written processes, specifications, GPS web-based training, etc. (Charles Jahren – Iowa State University, George Raymond – Oklahoma DOT)

7. Survey states (TBD – electronic signatures, discuss other suggestions during monthly conference calls)
8. Identify best practices regarding Work Zone Technologies e.g. automated work zone speed enforcement and ITS smart work zones
9. Explore European technologies (Danny Kahler – Kahler Engineering, Emanuel Banks - AHTD)
10. C&T Monthly Conference Calls: Send calendar invitations for 12:00 PM EST second Thursday of month January through June, develop and distribute meeting agendas and minutes (TBD – Federal Highway Administration)