MEETING SUMMARY

WisDOT Traffic Safety Engineering Workgroup (TSEWG) Meeting
Thursday April 5, 2007
9:30 AM – 3:30 PM
DOT Room HF501 (Eau Claire Room), Madison, Wisconsin

ATTENDANCE ROSTER

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MEETING DISCUSSION

1. Meeting Opening/Introductions

The Traffic Safety Engineering Workgroup Meeting for April opened with self-introductions of all attendees. Xiao Qin reviewed the agenda for the meeting.

2. Traffic Safety Analysis Tools (John Shaw, Xiao Qin)

Xiao Qin gave an overview of the SafetyAnalyst Tool and other tools available.

John Shaw introduced a couple of safety analysis tools being used by SE region. In conjunction with the undergoing effort to evaluate the SafetyAnalyst as a...
departmental alternative safety analysis tool, John facilitated the discussion about regional perspectives regarding these tools. The TOPS Lab has a beta version of the SAT.

Bill Bremer mentioned that HSIP funds could be available (flexible funds).

Ertan Ornek – VCAT – needs to evaluate freeway moving average on a segment of road. Roads were segmented to 100th of a mile in each direction.

Mark Janecek – mapped the results.

Meta manager is used to analyze the data. Call-out boxes (ArcInfo Script) on each point display a summary of the crashes. Need crashes to be geocoded.

Brad Javenkoski – gave a historical review to why crashes on ramps were coded to roadway and what re-training is happening on the 8th floor.

Mark J. – Lane Closure Manager? (LCM) convert tool that converts RP’s to a geographical location.

Xiao Qin – TransPortal should be able to have an interactive mapping tool online in ≅ 2 years.

John Keiffer – Can VCAT be used to find 5% for report?

Brad Javenkoski – now using Meta manager, but other tools can be used.

Andy Winga – too many tools to choose from to do analysis. Need to narrow what tool is best.

John K – Meta manager flagged over 1,500 intersections in the NC Region. No time available to analyze all 1,500 intersections to determine what intersection is worst.

Greg Helgeson – The Regions need to use the same tools to analyze intersections.

Brad Javenkoski – A single tool with several levels would be ideal.

Greg Helgeson – Decisions need to be made at the scope level rather than waiting until the design level.

John Shaw – Will summarize the discussion and determine how BHO can help

i. Workshop on SA tools (late May or early June)

ii. Update Intersection Crash Book.

iii. Facilitate discussion from Scope to Shovels

3. RSA Master Contract

Dave Kreitzmann overviewed the Road Safety Assessment (RSA) Master Contracts. BHO recently issued two Road Safety Assessment master contracts with Opus Associates and SRF who will assist WisDOT with road safety audits and assessments. A discussion is needed for the best use of consultant service for regions.

John Shaw will set up training on RSA in July.

RSA needs to be done early in the planning and should be prior to design.
4. SHSP Safety Engineering Issues Progress and Safety Engineering Management Decision Support System (SEMDSS) Update

A regular update of the WisDOT SHSP safety engineering issues is scheduled for each TSEWG meeting where regional traffic engineers will report on the activities from each region. The update will help WisDOT to review the progress and identify the knowledge development, gaps, and resources for a better plan implementation.

Xiao Qin reviewed the Draft Strawman proposal

Ertan Ornek (TOPS Lab) is developing a way to automate the Intersection Book updates.

ADT Volume data is available in GIS in both STHN & WISLR, however, in WISLR, only local road ADT is available, not roads in the STHN.

The current 5% report does not take in account for local roads.

Bill Poston (EarthTech) is available to assist regional safety engineers to validate data to obtain the next 5% report.

It is the vision of EarthTech to develop a 5% list with counter measures. Most likely to be implemented in next year’s 5% list.

Historical Data Impacts crashes
- Rates (Volume)
- Number
- Severity - cost value of the crash
  - Injury
  - Factor
  - Asset

TOPS Lab is developing a list

Bill Poston – by mid June should have a draft list available

John Shaw – Mapping is updated by Eileen Switzer (WISLR?).

5. TGM Policy 3-2-17 for Maintaining Crosswalks

Chris Quesnell was to lead a discussion of TGM policy for the crosswalk maintenance, but time did not allow.

6. HSIP Evaluation and 5% Report

A brief review of the data collection is provided. Also, regional traffic engineers may want to address issues and questions regarding the new 5% report which was released on March 15th.

Brad Javenkoski – each region has a list of sites in their region. A review of Pct_AK_Crash proportions and excluded deer hits.

Funding of 5% sites. Regions need to determine if the site is already included in a major improvement plan. They also need to add a safety factor to the project.

Total number of AK versus proportion of AK on road segments.
Funding for these sites is not necessarily automatic. Accountability of the HSIP funds spent on the 5% list will be down the line.

7. HSIP Project Prioritization Plan

A copy of the draft HSIP guidelines is being circulated inside WisDOT for review. Chuck Thiede was to provide a briefing about the highlights of the guidelines with a focus on project prioritization, but time did not allow.

ACTIONS

- John Shaw – Will summarize the discussion and determine how BHO can help
  i. Workshop on SA tools (late May or early June)
  ii. Update Intersection Crash Book.
  iii. Facilitate discussion from Scope to Shovels
- John Shaw will set up training on RSA in July
- TOPS lab develop list
- EarthTech – Draft list of counter measures.

NEXT MEETING

The next meeting of the WisDOT Traffic Safety Engineering Workgroup (TSEWG) Meeting is:

**THURSDAY, June 14, 2007**
9:30 AM – 4:00 PM
Hill Farms State Office Building, Room 144B
4802 Sheboygan Avenue
Madison, WI 53707