SunGuide^{SM} Status Meeting Minutes

SunGuide^{SM} Status Meeting Minutes
February 23, 2005, 8:30 am to 12:10 pm EDT
Ft. Lauderdale RTMC
CDRL 1-8.2.15

Attendees:

Liang Hsia, FDOT	Steve Dellenback, SwRI
David Chang, PBS&J	Roger Strain, SwRI
John Bonds, PBS&J	Robert Heller, SwRI (telephone)
Steve Corbin, FDOT	Bret Sadler, SwRI
Dong Chen, FDOT	Jim Mosser, PBF
Craig Vahle, FDOT	Elizabeth McCrary, FDOT
Kendra Blackford, Turnpike	Pete Man, MDX
James Bidding, Grey-Calhoun	Bo Qian, HNTB
Ivan del Campo, MDX	Chris Birosek, FDOT (telephone)
Greg Letts, MDX	Larry Rivera, FDOT (telephone)
Dee McTague, FDOT	Pete Vega, FDOT (telephone)
Arturo Esponisa, FDOT	Scott Gross, PBF
Angel Reanos, FDOT	James Lou, PBF

Subject: **Project Status Meeting for SunGuide^{SM}**

Note: Agenda and slides for each agenda item are available from the project website at:

http://sunguide.datasys.swri.edu

Item #1 – License Updates

- Liang Hsia presented a license update

Item #2 – TMC and Software Deployment Schedule Updates

- District 4 update:
    - VW Upgrade project awarded Feb 21
    - VW hardware Barco will be paid for by FDOT - DOT on the left, County on right
- District 6 update:
    - Postponed software deployment to the August 2005 timeframe
- MDX update:
    - Delays in TMC project, RFP distributed mid-March
    - Minimum six months before anything in TMC
    - 836 project requested extension of 3 months, may have hardware in mid-August
    - Will cover additional expenses (if any) with respect to SunGuide installation incurred by delay

- o HAR equipment already installed, tested within two months (mid-April)
- o MDX willing to follow Turnpike operation procedure for HAR; need to verify this is consistent with SunGuide requirements
- District 7 update:
    - o Groundbreaking on parking lot March 1st
    - o Six to eight weeks before groundbreaking for building; permit issues
    - o Building construction completion delayed to March 2006
    - o Further schedule updates are pending
- District 2:
    - o No update
- District 5
    - o No update
- Turnpike Enterprise update:
    - o Working on new web based software release; first module is DMS control
    - o Discussing physical C2C connections

District 1 update:
    - o Currently hiring design/build firm for TMC and communication system
    - o Proposal meeting Feb 14, award contract in May, execute in June, then get contract for solid schedule.
    - o Currently expect deployment to be on schedule
- District 3
    - o No update
- Lee County
    - o No update
- C2C Schedule
    - o May delay deployment to August

Item #3 – Project Status Report

- Steve Dellenback presented slides.
- May try to use recorded data files to simulate ramp meter data (JB)
- John Bonds asked about whether any release 2 features do not have GUI requirements; recommended the requirements be reviewed
- Liang Hsia asked about a contact person for Ramp Metering support (SwRI is in the process of responding to FDOT's ramp meter requests)

Item #4 – Factory Testing Acceptance Testing Results

- John Bonds presented an overview of the requirements and testing process
- SwRI requested and Central Office agreed that it would be beneficial for districts to visit SwRI or otherwise see the software during development to see what is being done and make any suggestions for how it would better work in their centers
- Steve Dellenback presented slides.

- SwRI suggested April 1 as a potential date for district visits to SwRI to view current system status before entering test phase
- Liang Hsia emphasized that district input would help make test cases better reflect center operations
- Liang Hsia indicated that a two hour time slot for the CMB and SunGuide status had been allocated for the SunGuide project during the ITS Working Group meeting in Miami the week of March 14 (specific date and time will be announced in the future).

Item #5 – New Requirements Discussion

- Steve Dellenback presented slides
- General agreement that link/node method is desired for IM sign selection
- D4: Two priority selections: One based on severity of event, one based on distance of incident from sign (distances calculated based on travel distance on freeways)
- D4: Statewide IM model uses three tiers of incident severity (85 miles out, X miles, Y miles) Distances should be configurable
- Argument against excluding contrary directions includes hazardous cargo loads. Those trucks may not be able to take surface streets, and may well plan to go south on Turnpike, east on 595, then north on 95.
- Discussed allowing TMCs to configure a list of signs to be used for every possible combination of accident link location and incident severity.
- Question regarding incidents which are not actually located on the freeway
- Question regarding whether both methods could be used, defaulting to algorithm if no pre-selected list is present.
- TMC would possibly handle off-road incidents by placing a special event on the freeway system.
- D4 requests that SwRI provide capability requirements given to Houston TranStar
- D4 commented regarding using hardened devices for external CCTV control (gave example of five devices breaking over a nine-year period)

Item #6 – C2C Communications

- Steve Dellenback presented the slides
- D4 clarified that C2C only works if both centers are online; requested ability to have other centers' devices directly controllable if a center goes offline
- Districts asked about who would fund the external codecs for C2C video

Item #7 – Software Demonstration

- Steve Dellenback presented slides
- Walt Townsend led a demonstration
- Request: would like to have route/cross street filled in from incident creation click
- D4 request: Would like to create an incident without clicking on the map

- D4 request: Would like to keep "configurable distance" on the response plan generation GUI

ACTION ITEMS

Numbering of Action Items is based on all action items identified on the SunGuide project.

Number	Responsible	Text	Due Date
58	SwRI	SwRI will research feasibility of options presented for IM sign selection and confer with FDOT regarding final method.	
59	SwRI	SwRI will provide District 4 with a description of the capabilities of the MCP software SwRI developed for TxDOT.	