Round Table Discussion – Information Technology in DOTs
IHEEP 2009 – San Antonio, Texas
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Facilitator: Dan Buhler, Manitoba DOT

1. Opening and Introductions:
    - Name and Position/Role in the DOT
    - Brief statement of an Engineering/IT project you are involved with

    - Dan Buhler, Manitoba MOT, IT Director (dan.buhler@gov.mb.ca) – IT Support / SharePoint /
    - Dan Belcher, Michigan DOT, Design Services Manager (belcherd@mi.gov) – Engineering Support/ Land Survey / ProjectWise
    - Tim Jennings, Texas DOT, Enterprise Application Manger (tjenning@dot.state.tx.us)
    - Steve Brown (old school Nebraska) (steve.brown@hdrinc.com)
    - Rande Robinson, North Carolina DOT, Technology Support Special Advisor (rjrobinson@ncdot.gov) – Engineering Support / Upgrade to V8i Switch
    - Jim Fisher, Kentucky Transportation Cabinet, Systems Engineer (jim.fisher@ky.gov) – Project Wise / Share Point
    - Frank Bushong, Texas DOT, Director of IT Architecture (fbushon@dot.state.tx.us) – SharePoint, Dashboards
    - Dean Wilkerson, Texas DOT, Engineering and Survey Solutions Support and Delivery Services Director (dwilker@dot.state.tx.us) – Engineering, Surveying, GIS, GPS, & Photogrammetry
    - Michael Meinecke, Texas DOT, Engineer Support (mmeinecke@dot.state.tx.us) – ProjectWise / XM
    - Douglas Fees, Missouri DOT, Assistant IS Director (douglas.fees@modot.mo.gov)
    - Kevin Martin, Kentucky Transportation Cabinet, Tech III (alex1.smith@ky.gov)
    - Alex Smith, Kentucky Transportation Cabinet, TEBM Highway Design (Kevin.martin@ky.gov)
    - Sam Hankla, Texas DOT, Information Support Tech (shankla@dot.state.tx.us)
    - Mitch Pope, Texas DOT, Infrastructure Delivery Director (mpope@dot.state.tx.us)
    - John Mora, Texas DOT, Engineering Support (jmora@dot.state.tx.us) – Project Wise
    - Ray Oldham, Idaho Transportation Department, CADD Support Manager (ray.oldham@itd.idaho.gov) – Digital Signatures
    - Linda Surber, Iowa DOT, Budget Administrator (linda.surber@dot.iowa.gov)
    - Julie Steenhoek, Iowa DOT, IT Specialist (Julie.steenhoek@dot.iowa.gov)
    - Wally Ballou, Kansas DOT, Engineering Support Manager (ballou@ksdot.org) – Oversize Overweight Sharepoint
    - Ron Winterrowd, Oregon DOT, Service Delivery Manager - IT Support (Ronald.e.winterrowd@odot.state.or.us)

- Dennis Peperkorn, Iowa DOT, Automation Productivity Engineer (dennis.peperkorn@dot.ia.gov)
- Keith Parker, Mississippi DOT, CADD Training Manager (kparker@mdot.state.ms.us) -- ProjectWise / Surveyors / Engr Support / Digital Signatures
- Imad Aleithawe, Mississippi DOT (aaleithawe@mdot.state.ms.us) – Geopak
- Lou Barrett, Minnesota DOT, CADD Manager (lou.barrett@state.mn.us) – ProjectWise/ V8i migration / SharePoint / FileNet
- Diane Gunsch, North Dakota DOT, Engineering IT Manager (dgunsch@nd.gov) – Engineering Support / Aerial Cameras / Bid Letting

2. Additional Topics of Interest (suggestions)
   - Read DOT Newsletter / Area Reports

3. Automated/Electronic Development and Delivery Tools for Training
   Is your Agency using automation to prepare and deliver training? How is it developed? How is it used?

   In House Training
   Texas - Camtasia Videos
   Michigan - camtasia
   Mississippi – Using Bentley to develop training for surveying (on-site), Online training through Bentley is used but not successful
   Oregon – Camtasia Videos
   Iowa – SofTutor investigation, Bentley for training, inhouse development , Adobe Connect
   Kansas – weekly meeting through video conferences

4. Use of Video Teleconferencing in the DOT
   Is the DOT using VTC as normal practice? How is it deployed? Are there policies on its use?

   KY uses statewide
   MN statewide setup video teleconference / travel restriction mandate this /
   ND statewide setup video teleconference
   MS underutilized but have the state setup
   NC used but does not decrease number of meetings
   IA amount of time for meetings is reduced due to less travel, travel budgets reduced
   KS travel has to be preapproved so VTC is utilized instead
   MMOT – monthly meetings changed to weekly through VTC / missed face to face
   NC – is there a way to collaborate without meeting?

5. 508 compliance
   This has been discussed at the last two IHEEP conferences. Is this still an important topic in your DOT? How has your DOT resolve this issue?

   IA – webgroup is handling modification to policies / one group to do all websites

TX – state legislation that all websites are 508 compliant / accessibility agent for the agency
KS – state legislation that all within reason / starting to use SharePoint content management
KY – websites were user managed moving to SharePoint content management
MMOT - linking

6. Business Continuity/Business Resumption/Work at Home
Does your DOT have formalized contingency and mitigation plans? Is anything special being done to prepare for the H1N1 threat?

OR – expansion of VPN capabilities starting for work at home / security levels is the challenge for individual token authentication / telecommute exists but not popular
KS – expansion of VPN / in-house increase of temperature readers
NC – VPN access for upper management
MI – new policies in place for sanitary conditions
MN – remote office are successful but not used widely / expansion of VPN has not been successful yet
MS – remote desktop access
OR – remote desktop access
TX – Citrix access for limited number of people / plan is in place just in case but up to managers for usage or not / limitations are relayed / send people home if they have flu like symptoms return only with doctor note

7. Application Hosting by Commercial Vendor (Saas)
Does your DOT use "commercial" hosting for applications? For what type of applications? What are the experiences? Is it recommended?

MMOT – centralized server / seems to be a way to get things implemented on time. / Bid letting
OR – GovDelivery / InfoTech / neo gov (HR) / Discussion of Google Wikis – policy issues with doing this
MI – neo gov
ND – centralized / outside has to have a waiver to participate
IA – support of applications done in-house
NC – PIO goes through YouTube / other means (google mail, etc) are being investigated
MI – u send it . com for ftp transfers
OR – YouTube / flicker / twitter
TX – YouTube / flicker / twitter / discussing ways to use social networking. / Bing Maps / podcasts
MN – all kept in-house / social media not being used / keep close attention to file retention anything still kept does become public record

8. GIS Trends – What are the primary GIS platform(s) in the DOTs
Is there a general movement towards any particular GIS platforms in DOTs, or are the three or four major players maintaining their market shares?

KY, OR, TX - ESRI
IA GeoMedia – statewide LiDAR digital photography
MS – developing a GIS portal through internal development similar to
GoogeEarth
KY bridge records / roadway data

9. Internet 2.0 - Social Network Uses
    Does your DOT use any of the "Social Networks" to conduct DOT business?
    Which tools are used? For what types of applications? Are there obstacles to
    adoption of this technology in the DOTs?

    ND – communications division only has access
    MS – evacuation / emergency preparedness only / accidents
    OR – investigating for road closures to be populated to GovDelivery and 511 /
    congestion / traffic camera / OnStar data is pushed to DOT such that when an
    airbag is deployed they are notified.
    NC – wikis used by average person is a mindset learning curve / meetings / daily
    logs / support issues / internal dot.net.nuke / possible migration to SharePoint / to
    be useful, everyone has to contribute but DOT personnel are conservative and
    CYA
    KY SharePoint wiki is limited / steering away from wikis due to legal nature of
    how lawyers will utilize the information shared. Looking at DocX and PDF for
    sharing official documents / looking at an internal communication tool like chat

10. Implementation or Operatorless Weigh Scales and Weigh Stations
    Does your DOT use these or similar technologies? What are your experiences?

    MMOT – neat stuff in sales but not implemented
    ID – Weigh in Motion but not completely unmanned

11. What are new or emerging technologies we should all keep an eye on?
    Have you seen or deployed some technology that you think has potential in the
    DOT that you would recommend be put on our "watch list"?

    KY - Enterprise Scanning?
    MS – Application Extender for scanning / started in 2000 now any information is
    available online