

Statewide Traffic Records Advisory Committee (STRAC) 2012 Annual Report June 16, 2011 - June 15, 2012

EXECUTIVE SUMMARY

The Colorado Statewide Traffic Records Advisory Committee (STRAC) had a productive year despite significant challenges related to the State budget. Colorado moved forward with a project to complete the statewide traffic data dictionary for use in future planning and development. Also STRAC elected the Chairperson, Vice Chair and Secretary during this period.

A number of 408 Grant Applications for new and continuing Projects were reviewed and recommendations were made for 408 funding. Also during this time, a state-funded two- year Contract with Bayaud Enterprises expired and a 408 Project continued. Both of these Contracts utilized temporary help to reconcile crash data at CDOT. The results were that 99% of the on-system records received to date were reconciled and ready for use.

MISSION

Our mission is to coordinate and facilitate the interagency acquisition and disbursement of accurate, timely and accessible traffic and outcome data for use in identifying and solving motor vehicle and roadway safety problems in a user friendly environment.

STRAC RESPONSIBILITIES

- Develop and oversee the long range planning efforts of the traffic records system
- Review potential changes to traffic records systems and highway safety data before changes are implemented
- Consider and coordinate the views of organizations in the State that are involved in the administration, collection and use of traffic records systems and highway safety data
- Represent the interests of agencies and organizations within the traffic records system to outside organizations
- Review and evaluate new technologies and keep the traffic records system and highway safety data up to date
- Investigate the possibilities of linking traffic records systems
- Provide recommendations to their respective departments, divisions and agencies on the collection, management, and enhancement of statewide traffic records system.

- Provide a forum for discussion and reporting of highway safety data and traffic records issues to agencies and organizations in the State that create, maintain and use traffic records and highway safety data

The National Agenda for the Improvement of Highway Safety Information Systems (a product of the National Safety Council's Traffic Records Coordinating Committee (TRCC)) states: *"Highway safety information systems provide the information which is critical to the development of policies and programs that maintain the safety and the operation of the nation's roadway transportation network."* A well-coordinated traffic records system is necessary for problem identification, planning, and management of Colorado's roadway safety activities.

MEMBERSHIP:

VOTING MEMBERS:

- Colorado Department of Transportation (CDOT)
- Colorado Department of Revenue (CDOR)
- Colorado Department of Public Safety (CDPS)
- Colorado Department of Public Health and Environment (CDPHE)
- Colorado Judicial Branch (State Judicial)
- Colorado Department of Human Services (DHS)
- Colorado Office of Information Technology (OIT)

COUNSEL:

- Colorado Attorney General's Office (AG)

FEDERAL AGENCIES:

- National Highway Traffic Safety Administration
- Federal Motor Carriers Safety Administration
- Federal Highway Administration

STATE ASSOCIATIONS:

- Colorado Chiefs of Police Association
- Colorado Sheriff's Association
- Mothers Against Drunk Drivers Association
- Colorado District Attorney's Association
- Colorado Motor Carrier's Association

LOCAL AGENCIES:

- Metropolitan Planning Organizations
- City and County Officials
- Local Law Enforcement Agencies
- Local Courts
- Coroner's Offices
- Higher Education

OTHER PARTICIPANTS:

- Any other body, association, or governmental agency with a demonstrated interest in traffic records and accepted as a participant by a majority of the Voting Members.

2011 STRAC ACTIVITIES

Four quarterly meetings and numerous subcommittee meetings were held. Minutes of the quarterly meetings are incorporated into this report.

Meeting on July 28, 2011 (See Attachment A STRAC Meeting Minutes)

Meeting on October 11, 2011 (See Attachment B STRAC Meeting Minutes)

Meeting on January 26, 2012 (See Attachment C STRAC Meeting Minutes)

Meeting on May 11, 2012 (See Attachment D STRAC Meeting Minutes)

2011 STRAC ACCOMPLISHMENTS

Leadership - Elected new Officers:

- Chair – Steve Hooper (CDOR)
- Co-Chair – Holly Hedegaard (CDPHE) – had to step down (Feb, 2012) due to promotion to the National Center for Health Statistics.
- Barry Bratt (CSP) replaced Holly as co-chair at May 11th meeting because of Holly's retirement
- Secretary – Glenn Davis (CDOT)

Recognized Retiring Members.

- Susan Woods (DOR)
- Bryan Allery (CDOT)
- Holly Hedegaard (CDPHE)

2011 Traffic Records Forum

- CDOT staff, and STRAC (CDPHE and CSP) had representatives supported by 408 funds to attend the TRF in Charlotte, NC from July 30, 2011 – August 2, 2011

Grant Application

- Prepared the NHTSA 408 Grant Application and received preliminary approval by demonstrating progress on complying with performance measures.
- A request for project applications (408) was sent to every Police Dept. with a known e-mail.
- A total of 10 Applications were received and forwarded to STRAC for review and recommendations. Nine Applicants were recommended to proceed to the Long Form Application phase.

The Roadway Safety Data Partnership

- The Roadway Safety Data Partnership is designed to be a collaborative effort between FHWA and States to ensure that they are best able to develop robust data-driven safety capabilities. There is a strong request for an assessment to view roadway safety
- The Assessment by NHTSA was held November 15, 2011.
- The assessment of roadway data consisted of CSP and CDOT.

The Crash Data Improvement Program (CDIP) – sponsored by FHWA

Questionnaires were sent and completed by CDOT, CDOR and CSP
Workshops were held Nov. 1-2, 2011.

A review of the recommendations session was held Nov. 3.

Many of their recommendations are being considered and some are being completed.

A strategic decision made sure that all states have same records. The assessment provided specific recommendations for improvements to Crash Data, focusing on performance measures and quality metrics.

NHTSA Assessment of Colorado Occupant Protection Program

- Using data to support assessment recommendations
- Assessment dates – July 11- 15, 2011
- Draft pages of the assessment were handed out (pages 1-10)
- Pages 9-10 are key recommendations
- Page 37 includes the strengths and challenges
- Gould will send the Problem ID to Hooper
- Second recommendation – 7c (2) make local motor vehicle crash and injury data readily available to the public, and to program planners and evaluators with quick turnaround via a website and “over-the-phone.”
- Contract with CDPHE to add trauma information to the Problem ID.
- Received 77 recommendations in 2011; 17 were priorities

Crash Records Data Collection

- Continued work on EMS data collection (CDPHE) demonstrating improvement in completeness and timeliness.
- DOR entered crash records information into the Electronic Accident Report System database (DOR), eliminating its entire backlog of paper crash records.
- CDOT continues to monitor efforts by temporary employees to provide location coding to crash data which also improved the timeliness of reports (CDOT).

E-Citation Project

- The E-Citation project is progressing in Weld County; the Sheriff Department has ten E-Citation units deployed in their traffic section, and Greeley Police have fifteen units deployed.

- The State Judicial is receiving reports, and they held open house to orient law enforcement agencies about how to get involved.
- E-citations constitute 45% of Colorado tickets.
- E Citation is core element in improving officer safety by decreasing exposure time on our roads.

On line crash reporting

- The interface is designed for smaller law enforcement agencies to submit their crash records online to DOR. The tool is effective. Lakewood and Aurora Police Departments are in “test” mode for taking accident reports on the agency software and transmitting data electronically to DOR. DOR has launched website that provides info to Law Enforcement and courts about DMV codes, forms, contact info and Frequently Asked Questions.

Problem ID

- The Office of Transportation Safety (OTS) has decided to partner with CDPHE to develop Problem ID

2012– 2013 STRAC GOALS

- Strategic Planning and Organization
- Complete revisions to the STRAC Strategic Plan assuring that plan is in alignment with recommendations contained in 2009 Traffic Records Assessment
- Complete restructuring of STRAC with revised bylaws and new Memoranda of Understanding (MOUs) among participants
- Traffic Records and Project Proposals
- STRAC will take a more active role in traffic records project solicitation and approval
- Hold elections for STRAC officers (Chair-person, Vice-Chair & Secretary)
- Develop methodology for soliciting proposals from locals that is consistent with emphasis areas outlined in strategic plan
- Strengthen the relationship with the Local Law Enforcement Agencies regarding the need for data and its accuracy
- Acquire a Traffic Records Coordinator and charge this person with the maintenance of a project management system, and the continual monitoring and reporting of project activities including the 408 grant program
- Improve project oversight through the STRAC
- Continue to diversify STRAC membership to reflect needs of Traffic Records System
- Increase electronic accident reporting from current level of 30% to 70%
- Improve data quality metrics on accident records
- Finalize the various components of a statewide electronic citation process such as a data dictionary, business (validation) rules, quality metrics, etc. for use by agencies and vendors.

Attachment A: July 28, 2011 Meeting Minutes

*Colorado State Traffic Records Advisory Committee
(STRAC)*

Quarterly Meeting – Thursday, July 28, 2011: 0930-1200

Colorado Department of Revenue

1881 Pierce St., Lakewood, CO 80214

Gaming Conference Room “A”

Agenda Items

1. Introduction and Previous Meeting Notes: Chair Steve Hooper DOR

In attendance: Steve Hooper, Susan Woods, Mike Dixon: Department of Revenue (DOR); Glenn Davis, Carol Gould, Robin Rocke, William Johnson, Charles Keep, David Swenka, Rahim Marandi, Bryan Allery, David Bourget: Colorado Department of Transportation (CDOT); Dahir Egal: Federal Highway Administration (FHWA); Don DeVeux: Plus Solutions; Doyle Eicher, Barry Bratt, Trent Waters, Donald Enloe, Jill Hart: Colorado State Patrol (CSP); Cindy Richey: Department of Public Safety OIT; Paul Wood: Weld County SO; Chris Meints: State Judicial; and, Dr. Holly Hedegaard, Colorado Department of Public Health and Environment: (CDPHE) Crash Data Improvement Program (CDIP): Egal: FHWA; Hooper: DOR

2. The Roadway Safety Data Partnership is designed to be a collaborative effort between FHWA and States to ensure that they are best able to develop robust data-driven safety capabilities.

There is a strong request for an assessment to view roadway safety

- Montana recently had the assessment
- A commitment has been made for the assessment by CDOT
- CDOT is scheduled to have an assessment by November 15 – the latest November 30, 2011.
- The Crash Data Improvement Program Assessment should take about 1.5 days. The agencies being assessed will consist of CSP, DOR and CDOT.
- Strategic decision to make sure all states have same records.
- Assessment will provide specific recommendations for improvements to Crash Data focusing on performance measures and quality metrics.
- CDOR has completed its portion of the pre-assessment questionnaire and will provide CDOT with portions needed for its completion.

3. FFY 2011 Section 408 Project Grant Updates: Colorado Department of Transportation (CDOT) Engineering

- CDPHE – EMS & Trauma Registry Data: Dr. Hedegaard (CDPHE)
- Linking crash data records from CDOT to Health data
- (Trauma Registry, hospital discharge and EMS records)

- Presented info at the Occupant Protection Assessment
- 2011 Traffic Records System Enhancement Temporary Staff (Rahim Marandi- CDOT)
- A lot of progress has been made
- 85% of the 2010 records are completed (State highway)
- Final edits 2008
- Maybe starting 2011 or going backward
- Providing DRCOG geocoding
- CDOTEARS Phase 3 (Don DeVeux), CDOTEARS Maintenance (Don DeVeux), ARCGIs Web Development

Ongoing projects

- Added maintenance portion for the state of Virginia
- All work shall be completed on time
- Traffic Records Tech Transfer (CDOT-Engineering)

4. Update on CDOT Traffic Records Coding Project: Rahim Marandi-CDOT

State funds have been added to get Coders through FY2012.

5. 2011 Traffic Records Forum (TRF): Hedegaard, Bratt: Colorado State Patrol (CSP), Marandi-Bourget: (CDOT)

- STRAC members and stakeholders who will be attending the TRF will respond to specific interests or questions from STRAC members about what they would like the TRF attendees to report back on at the next STRAC meeting.
- Dr. Hedegaard shared the 2011 TRF schedule for STRAC attendees to review and asked individuals to let her know what their sessions of interest.
- Dr. Hedegaard will be attending sessions regarding EMS and Health.
- Hooper suggested that the individuals attending the Forum meet via cell phone to discuss how to work through the breakout sessions. Cell numbers were exchanged.

6. FY 2012 Section 408 funding application solicitation plan: CDOT Engineering

- Alignment of application requests with 2009 Traffic Records Assessment Recommendations
- Davis added the item to the agenda to provide CDOT engineering staff with the opportunity to explain the changes in CDOT grant management.
 - CDOT Engineering confirmed that:
- Marandi is the contact person for the 408 project
- All FY 12 applications should be emailed to Marandi with cc: to Bourget.

7. Solicitation of MMUCC revisions: Bratt, Hedegaard

- Request for input prior to next MMUCC meeting 8/3/11
- Major Bratt asked STRAC attendees if they had any requests/suggestions he should bring back to the MMUCC committee.
- Dr. Hedegaard discussed changes from the previous MMUCC meeting.

- Major change – injury severity
- Change from KABCO five point scale (current system) to a four point scale (death, suspected severe injury, suspected minor injury, no evidence of injury)

8. DUI Accident Reconstruction Presentation: Enloe, Waters: CSP

- Arrival/scene investigation
- Initial observations
- Scene walk through
- Initial scene photographs
- Mark items of evidence and vehicles at rest
- Scene mapping (laser technology)
- Off scene investigation
- Evidentiary photographs
- Off scene/laser data (raw)
- Scale diagram
- Reconstruction
- Vehicle Crash data retrieval (CDR)
- Animations
- After scene has been investigated
- Simulated surfaces
- Areal images
- The Final Product
- Elements of crime
- Data retained
- Reconstructionist is available for expert testimony

9. Unified CO Roadway Project: Johnson, CDOT

- STRAC members will vote electronically on both projects
- CSP and CDOT process to support data
- Project to begin October 1, 2011
- On Ramp/Off Ramp Project
- Roadway Element Reports (Myer)
- Enhance traffic records.
- Hooper recommends looking at project and compare to traffic records assessment.
- Davis will send traffic records assessment to William Johnson.
- Johnson will review assessment.
- Johnson will follow up with Glenn after reviewing

10. NHTSA Assessment of Colorado Occupant Protection Program: Carol Gould: CDOT

- Using data to support assessment recommendations
- Assessment dates – July 11- 15, 2011
- Draft pages of the assessment were handed out (pages 1-10)
- Pages 9-10 are key recommendations

- Page 37 includes the strengths and challenges
- Gould will send the Problem ID to Hooper

- Second recommendation – 7c (2) make local motor vehicle crash and injury data readily available to the public and to program planners and evaluators with quick turnaround via a website and “over-the-phone.”
- Contract with CDPHE to add trauma information to the Problem ID.
- Received 77 recommendations in 2011
- 17 were priorities

11. Other Items

- Strategic Highway Safety Plan Training
- Online highway safety plan to take training and make comments
- CSP, CDPHE and CDOT will be taking training
- Comments will be to appropriate parties
- Ola’s Driving School-Hooper (DOR)
- School has been closed
- 3rd party driving testers
- Serious issues with third party testers because of fatalities and crash accidents.

12. Next Meeting –

Thursday October 27, 2011.
 Colorado Department of Revenue
 1881 Pierce St., Lakewood, CO 80214
 Gaming Conference Room “A”.

Attachment B: October 27, 2011 Meeting Minutes

*Colorado Statewide Traffic Records Advisory
 Committee (STRAC)*

Quarterly Meeting – October 27, 2011 (9:30 AM to 12:00 PM)

Colorado Department of Revenue
 1881 Pierce St., Lakewood, CO 80214
 Entrance “A”
 Conference Room “A”

Minutes

Introduction and Previous Meeting Notes (Chairperson Steve Hooper: DOR)

In attendance: Steve Hooper, Alberta Shockey and Susan Woods, DOR, Robin Rocke, Glenn Davis, Carol Gould, Bryan Allery, David Swenka, Dave Bourget, Mike Armbruster and Kevin Dietrick, CDOT, Holly Hedegaard, CDPHE, Robert P. Rock and Michael Farr, Denver PD, Barry Bratt, CSP, Christine Meints, Judicial and Bill Copley, FMCSA

Motion to approve the last meetings minutes - Approved

Discussion of proposed STRAC involvement with the 408 grant application process.

- Elements for discussion: (Hooper, Hedegaard, Allery) 408 schedule to be coordinated between STRAC, Grant Management Office, and Integrated Safety Plan submission OTS
- One page Project Request submissions to STRAC Secretary due March
- One page submissions should include:
 - Identity of requesting party
 - Brief narrative of project request
 - Estimated dollar amount of request
 - Estimated matching amount
 - Demonstration of alignment with at least one recommendation of the most recent Traffic Records Assessment
 - Expected improvement in at least one 6-pack performance measure and the before/after formula that will be used to calculate that improvement
- One page Project Request submissions to be considered by STRAC in April
- Requestor to be invited to present to STRAC at the April meeting
- STRAC to say "Y" or "N" as to whether the Project Request is "in alignment with the recommendations of the most recent Traffic Records Assessment" and provide the reference to the assessment.
- STRAC to prioritize all "Y" submissions.
- Negotiations are then between CDOT Engineering and requestor as to final funding amount, and scope of grant request.
- Full Grant submissions due to CDOT in time to include in Project Memo to NHTSA, and finalized in time for ISP submission in August.
- Grant Application drafts for approved requests submitted prior to June 15
- Application to NHTSA for 408 grant.
- Formalized and submitted to NHTSA by September 1
- CDOT Engineering staff advised that 408 application has been revised. CDOT agreed that other grant funding announcements should be linked to 408 funding announcements. Agreed that CDOT (and STRAC members) would reach out to law enforcement and data users for grant requests and Put together a 408 website (link) Send application to Colorado Chiefs of Police and Sheriff's Association report back to STRAC before the April 2012 meeting
- Motion to adopt STRAC involvement in application process - Seconded, and approved.
- Engineering staff to develop the form for the one-page submissions; STRAC to be prepared to approve form at January meeting.

STRAC MOU (Hooper)

- No MOU necessary, since it was executed in 2008 and expires in 2013.
- However, there are new departments involved in STRAC
- Perhaps an Amendment to MOU would be appropriate?
- Review MOU and talk to current Executive Directors of agencies involved. Discuss what the decision is regarding MOU at the next STRAC meeting
- Date MOU was executed April 25, 2008.

- In effect until 2013
- Agencies to talk with their OIT delegates for suggestions on formalizing OIT involvement with STRAC

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Office Transportation Safety (OTS) – OTS Problem ID Report (Holly Hedegaard: CDPHE; Carol Gould: CDOT)

- OTS has decided to partner with CDPHE to develop Problem ID
- Contract will be signed shortly
- Full time employee will be hired soon (Statistical Analyst)
- Position will encompass any highway safety issues
- Five year project
- STRAC's input on the types of analyses and information they would like to see from the traffic crash data.
- Medically “at risk” and aging driver population
- FFY 2012 Section 408 Project Grant Updates: (CDOT Engineering)
- 408 NHTSA Unprogrammed Funds include \$291,143 in rollovers.
- 2012 fund allocation has been obligated, though approximately \$50,000 in rollover funds remain unprogrammed.

Enhancing EMS and TRDS (Hedegaard) Link 2008 – 2010 with health data for GDL

Tech Transfer (Marandi)

- Successful Traffic Records Forum
- Open trips to Traffic Records Forum to other agencies in FY 2012

Traffic Records Enhancement Temps (Marandi)

- Four temps are currently employed
- CDOT is hiring a full time employee to code
- Coding 2011 records for one month 47,000 records
- 75% through on system only
- Target to be up to date by the end of the year
- Did more street coding
- Will be up to date by January 2012
- Off system reporting is 2006

Traffic Records Program Support (Marandi)

- Electronic cleansing automatically
- February 2012 – 12 temps will be leaving
- Will be using State funds for remaining temps

New projects (Allery)

- CDOT EARS
- ARCGis
- EARS Maintenance
- ILEADS Consortium
- \$50,000 available for more 408 projects

- E-Citations Project
 - There is an interest for E-Citations project to begin
- CSP envisions adding an Extranet to its SharePoint platform and having Judicial pull citations through a consumed web-service.
- BENEFITS:
 - Develop electronic payment
 - DOR/Judicial will receive the original charging
 - Increased Accuracy through one data entry point.
 - Timeliness through electronic immediacy
 -

Traffic Records Coding Project Update (Marandi)

CSP Additional Data Collection Elements- MMUCC Revisions (Barry Bratt: CSP)

- New definitions for Injury Severity
- (K) Person died within 30 days of the crash (definition unchanged)
- (A) Suspected serious injury (includes major lacerations, severe head injuries, crush injuries to the head/chest/abdomen, fractures, paralysis, extended loss of consciousness)
- (B) Suspected minor injuries (minor scraps, bumps and bruises)
- (C) Possible injury (complaint of injury but no physical evidence of injury)
- (O) Perfectly fine (no physical evidence of injury and no complaint of injury)
- Largest change more on private property crashes
- Traffic way/non-traffic way
- Requesting all information
- CSP wanting to track secondary collisions
- CSP effort to expand data collection
- How to improve traffic flow?
- Prior crash
- Prior reoccurring event
- What would data point to CDOT/DOR?
- Several different categories for electronic devices in the car
- Hands free
- Texting, etc.
- MMUCC Revisions will be released in 2012
- Form revisions need to be made
- Major Bratt will put together a statement for STRAC members to view and discuss at next STRAC meeting
- Spend time in July 2012 meeting to review MMUCC and crash reports
- Formalizing a presentation for POST Board
- A possible data conference
- Who would come?
- Time?
- Staff?

8. Next STRAC Meeting

January 26, 2012 Location TBD

Next STRAC meeting Agenda Items

- Follow up from Major re: extra data from CSP
- Follow up what backside data from crash report
- Firming up 408 process
- Recommend: MOU outcomes from Senior Management team
- Review Traffic Record Assessment
- What have we accomplished
- Task Team leads with reviewing Traffic Assessment and report back to STRAC

Attachment C: January 26, 2012 Meeting Minutes

Colorado Statewide Traffic Records Advisory Committee (STRAC)

Quarterly Meeting – January 26, 2012 (9:30 AM to 12:00 PM)

Colorado Department of Revenue

1881 Pierce St., Lakewood, CO 80214

Entrance “A” /Conference Room “A”

1. Introduction and Previous Meeting Notes (Chairperson Steve Hooper: DOR)

CDOT attendees: Charles Meyers, Glenn Davis, Robin Rocke, David Bourget, Charles Keep, Rahim Marandi, Bryan Allery and David Swenka, DOR attendees: C. Stephen Hooper, Justine Gonzales, Susan Woods, Denver PD attendees: Robert P. Rock, Michael W. Farr, Brian Kelly, Aurora Police, Bill Copley, FMCSA, CSP attendees: Sue Igli, Barry Bratt, Kris Meredith, Mark Bonfield, Dahir Egal, FHWA, Jefferson County attendees: Maria D’Andrea and Shannon Felker, Chris Meints, Judicial

- Meeting notes from October 27, 2011
- Motion to approve - Seconded and Approved

Participation and outcomes at the Traffic Records Forum report will be available to STRAC members. Report will be sent out to STRAC members shortly

2. Review of STRAC involvement with the 408 grant application process (Hooper, Hedegaard: CDPHE, Allery: CDOT)

A one page submission is due to the STRAC committee before April 4, 2012 STRAC will make the following decisions:

- Alignment with traffic assessment and/or Strategic plan
- Prioritize Project

One Page Form should:

- Specify that 408 requires a 25% match Spell out all acronyms
- Have a better description from performance measure
- Add paragraph to explain performance measures

Include a formula applied to before and to after project data to show how improvement in performance measure will be demonstrated. Measure should apply to one of the following,

- Timeliness

- Accuracy
- Accessibility
- Completeness
- Uniformity
- Integration

Allery will correct document and resubmit to STRAC on 1/30/12.

Forms are sent to Marandi

Full Grant submissions due to CDOT in time to include in Project Memo to National Highway Transportation Safety Administration (NHTSA), and finalized in time for CDOT Integrated Safety Plan (ISP) submission in August.

- Short Form Applications delivered to Marandi by 3/31/12.
- Short Form Applications delivered to STRAC at or before April 2012 meeting.
- Draft Full Application due to Marandi on June 15, 2012. -
- Finalize by 9/1/2012
- \$100,000 in 408 funds is still available for award and expenditure this Federal fiscal. *(Note NHTSA requested the return of \$69,800 in 408 fund due to an over allocation, There are currently \$31,400 in unprogrammed 408 funds. GD)
- *See above note: If the \$20,000 ARCGis Web Service project is approved - \$80,923 will be available

CDOT (Allery) requested a motion to approve the ARCGis Web Service one page project for \$20,000. Discussion.

Motion – Seconded and Approved

Allery will resubmit the revised ARCGis Web Service Short Form next week to STRAC committee.

How will Traffic Records market a form to get funding announcement out to public?

Nothing has been done on the 408 application on the website at this time.

- Funding announcements:
- Reach out to law enforcement.
- Application intro page and link distributed to law enforcement.
- Focus on electronic crash reporting.
- OTS will share law enforcement database with Allery, etc. to send a letter regarding funding.

3. FFY 2012 Section 408 Project Grant Updates: (CDOT Engineering)

- 408 NHTSA Unprogrammed Funds *-\$100,000 currently available (Since reduced by \$69,800 GD, see above)
- Enhancing EMS and TRDS (Hedegaard)
- Statewide funds used to buy Imitrend System
- 100 EMS agencies will be trained
- The old system will be closed out on 3/31/2012
- Data linkage project, linked to accident reports
- 402 funds analyzing traffic and health data
- Analysis by 1st of April
- Trends will be viewed by County/Region

- Rural traffic issues
- Crashes driving off road
- Rural area

c. Tech Transfer (Marandi)

- \$5,000 available for individuals to attend Traffic Records Forum.

d. Traffic Records Enhancement Temps (Marandi)

- Temps will work until end of contract.

Traffic Records Program Support (Marandi)

- Bayaud temps contract expires on 2/18. Their last day is 2/17.
- 95% of the on-system records project will be completed.

e. New projects (Allery)

None

4. Traffic Records Coding Project Update (Kris Meredith CSP)

- CSP does not currently collect data regarding secondary crashes.
- Secondary crash is a crash that occurs as a result of traffic conditions from a previous traffic related incident {public event, another crash, etc.}
- Solution – Addition of the terms listed MMUCC and Traffic Incident Management (TIM) to the current crash report would improve compliance with federal guidelines and best practices, and would provide more thorough information. Examples of how the state could expand the terms include:

- Proximity of secondary crashes to the originating incident
- Motorist assist
- Road debris
- Special event

Implementation for STRAC

STRAC can authorize modifications to the existing crash investigator forms with addition of data elements for currently blank side boxes for elements such as “Back up due to prior crashes, and Backup due to prior non-crash.”

Implementation for CSP

Implement these changes in its own data collection by inserting a drop down menu for the blank side boxes.

Conclusion

By incorporating the proposed definitions and best practices in to the existing crash reports they will be able to identify optimization opportunities through interagency partnerships, efficiently utilize resources in an intelligence led model to save lives by reducing secondary crashes. CSP will bring back deliverables to STRAC

5. Secondary Crashes Data Collection and Definitions: (Barry Bratt: CSP)

Secondary Crash briefing document included in outlook email

6. MOU Update: (Hooper)

- Postpone MOU to April meeting
- Hooper will meet with Charles Meyers and discuss prior to the April meeting.

7. STRAC Strategic Planning Update:

Traffic Records Assessment and STRAC strategic Planning Template included in Outlook email

- Injury Surveillance-Holly Hedegaard (DPHE)
- Moving to Image Trend
- Not completed, in progress
- Will be completed by 3/30/12
- Crash File-Allery (CDOT)
- Updates given.
- Longmont PD came on electronically.
- Boulder PD might be next.
- Website available.
- Fixing up drop downs (by end of FY).
- DOR has not received response from CDIP

Analytic Capabilities

- Working with CDPHE to develop the Problem ID
- Contracting with 402 funds
- Work in progress
- Hiring Stats Analyst (CDPHE) to work on Problem ID and data request
- Being addressed and ongoing process
- Ad hoc – CDOT, PR is ongoing.

Citation/Adjudication—Christine Meints (DJS)

- E-Citation accomplished in Weld as a pilot project.
- Accepting penalty assessments.
- No misdemeanors.
- Beginning stages
- Two years to commence statewide E-Citation process.

Roadway

In progress.

Strategic Planning

In progress

Next STRAC Meeting:

Colorado Department of Transportation
Region 6 Large Maintenance Room

2000 S. Holly St Denver, CO 80222
04/26/2012 0900 -1200

Attachment D: May 11, 2012 Meeting Minutes

Quarterly Meeting Minutes – May 11, 2012 (9:30 AM to 12:00 PM)

Colorado Department of Revenue
1881 Pierce St., Lakewood, CO 80214
Entrance “A” Conference Room “A”

(Chairperson Steve Hooper: DOR): Meeting came to order with required quorum present.

Attendees:

CDOT attendees: Charles Meyers, David Bourget, Charles Keep, Bo Yan Quinn, Bryan Allery, David Swenka and Phyllis Snider.

DOR attendees: C. Stephen Hooper and Susan Woods

CDPHE: Steve Boylls and Debbie Guenther

CSP attendees: Barry Bratt.

Judicial: Molly Saxton (by phone conference).

FMCSA: Bill Copley

FHWA: Dahir Egal

Aurora PD: Brian Kelly and Chuck DeShazer.

Denver PD: Robert Rock and Michael W. Farr.

Plus Solutions Don DeVeux

Steve Hopper, Don DeVeux, Dahir Egal and Charles Meyers:

Special Recognition was given to Retiree’s Susan Woods and Bryan Allery for their many years of great service to STRAC and their respective agency (DOR / CDOT). Many of the achievements of these two fine and dedicated leaders of our state were acknowledged.

Including: Susan – started e-report and transmission, including ERS & EDW

- Work on reports, databases and analytic tools

- Conviction e-reports – most municipalities

- DR-2447 crash report revision and many other e-reports

- Manuals written and Web services set-up

Bryan: very pro-active; involved with many issues

- Developed utility extracts and improved data quality of crash file

- Persuade other to improve data quality

- Enjoyed using better data to write better safety assessment reports

- Passionate – took data apart; capable person to solve problems

Steve Hooper:

Special Recognition went to Holly Hedegaard for her STRAC leadership and dedication as she takes her dream job in Washington. She was a great voice and really improved data efforts in CDPHE and STRAC. We will miss her great contributions!

Steve Hooper:

- 2) Approval of Previous Meeting Notes (includes revisions by Steve and Holly) sent to the floor and was seconded.
- 3) Nomination of Barry Bratt for STRAC Vice Chairman was seconded for the duration of the term (until Oct., 2012). No other nomination given. Voting was presented to the floor and Barry was elected Vice Chairman unanimously.
- 4) Section 408 Project Request Considerations

Last year's discussion established this process for approval, evaluation and timing of applications.

Talks included how grant approvals contain two pronged (short and long forms) applications and how they must fit Traffic Records strategic plans and goals. STRAC then would rank the projects by priority.

We sent a notice to all Police Dept.'s in Colorado with a known e-mail. Response was good.

There were ten potential projects presented. There is enough funding dollars to support all current projects.

At this point time was given to discuss all ten potential projects as shown [A-J] below.

A. Electronic Ticket Technology Purchase – Agency Arapahoe County

- Performance Measure is to decrease time to court and to make data available electronically.
- Data package is available and is compatible to Weld County. Other agencies could piggy-back on to this technology.
- Compatibility – Key to Strategic Plan and Assess requirements. Must use developed schema.
- Judicial is setting up to accept E-citations may be in 2012. This maybe the front-end to the judicial system that is on the back burner at this time.

B. Improve Crash Reporting thru Scene Reconstruction Hard/Software - Aurora PD

- Modern Diagraming for Engineering and Prosecutorial improvements and data accuracy.
- Laser technology with million point resolutions for 3-D modeling and enhancing crash information to be used with crash simulation software that could use data to

reconstruct accident in visual 3D studio format that will validate the crash actual scenario.

- Discussion of the fact that the 3D cloud is not using GPS points normally, but it is important to relate the cloud to accident with some GPS objectivity.
- This modeling tool in future will be used for Enforcement, Engineering, Judicial and Injury protection; by large amount of growing communities. The provided better accuracy and consistency in crash information, and over all better information and possible cost saving to Engineering, Courts and Health systems.
- Selective use is a concern; need to tie into to DR2447 and CDOT /FARS.

C: Enhancing EMS and Trauma Registry Data Systems - CDPHE

Provide Improvement to 67 Requested Elements, plus improve patient care and report back.

- This will fund Steve's salary (has been on-going for 5 years).
- Better time stamps for data will provide better performance measurements.
- Talk of integrated system for better submittals.
- Project would continue if funding was discontinued.

D. Electronic Ticket Technology Purchase - Greenwood Village PD

- Since no one from Greenwood Village was present there were many Questions.
- Which system are they using?
- Why are dollar amount more?
- What is purchased?

Project needs to improve overall Traffic Records. Approval of this project is contingent on e-transmission to the court system and answers to the above questions.

Talks led to changes to Application requirements and more importance for applicants to be present (invite them to attend).

E. Enhanced Officer Safety with E-Citation - Lafayette PD

CDOT will work out a 25% match with them since there is no match now.

Lafayette doesn't have E-citation or crash reporting now.

F. E-Citation Implementation - Longmont PD

Longmont now successfully completes E-Transmissions of Crash Reports; now needs to include E-Transmission for citations in application.

G. Integration of CMV Data/Crash Data from Records to State Agencies- Thornton PD

- Described more as a Motor Carriers grant that a 408 grant (CDOT will contact Bill Copley, FMCSA, with information, if they wish to solicit a possible grant.)
- If someone can tie this project to DR2447 data, then it may be a worthwhile project.
- This project was not approved as it stands; it needs a clear explanation.

H. CDOT-EARS Phase V – CDOT

- Phase Five is now a suite of applications that as a communication process to DMV crash data. This process will synchronize pertinent information to CDOT engineering data, plus have some improving pre-process operations to clean some data fields and remove personal information.
- New features to include: data to be available to allow outside agencies for own research queries.
- additional security processes (wide and deep) for more outside server and outside the firewall access.
- importing of more DR2447 fields for more availability of data.
- adding more automation to cleansing process.
- Dahir asked about small agencies using this system; Don responded that anyone using Ileads (software) can use the connection. New agencies can handle changes by changing profile and training users. We want to provide a solution and method to push towards e-transmission for everyone. Presently, LEA's don't have a method to transform existing e-reports to be able to send to DMV.
- Security brought up the issue of agencies going through CORA for data requests when they are not qualified to get the data directly.
- This project could have great impact, if we can get the news out (through Public Relations) to the potential users. It can provide a performance measure for accessibility. GPS and diagrams are components to be included.

I. CDOT EARS Maintenance – CDOT

This is an on-going process to compensate for up-stream changes to the DMV system, and a need to adjust (Oracle & CARDA) to maintain flow of data into CDOT. Now that we are up-to-date, any interruption disturbs the continuation of CDOT's coding processes. Recent queries showed missing fields that were obtained only through revisions, performed by Plus Solutions (contractor).

Steve called this a retainer fee and stated that the state should look for another source of funding in the future.

J. TRAPE Expansion

This project uses a system built for Lakewood (I-Leads) and builds on it.

It concentrates on PD's that collect crash reports electronically, but has a plan for the non-electronic.

(DOR already has site for direct input from agencies that are not electronic.)

It provides maintenance, e-import and e-export.

When questioned why Lakewood was not completed yet, Don replied it was a problem of timing.

Also, system is not restricted to Lakewood; they were the 1st to try, using I-Leads. Anyone using I-Leads can use the system. Bryan stated: there is a push to widen e-transmission. This will provide a solution or method to accomplish this. Many LEA's don't have a method to transform existing e-reports to be able to transmit to DMV.

(Break)

Steve asked how should handle answers to the questions we have raised. Does project fit into 408?

Bryan responded that more info is to follow with long form.

Dave B. added that STRAC has done their job; the projects are conditionally accepted. If the grantees satisfy (as judged by CDOT) the conditions specified by STRAC, then they can proceed with the long form application. There is no contingency in the STRAC agenda/schedule to allow for another round of votes. Barry made a recommendation to require more info.

Steve proposed to vote: Yes, or Yes, If ..., or No.

Debbie raised the idea of prioritizing projects and criteria for ranking. Steve replied that this year we have enough \$ to fund all, so this isn't necessary. Later we decided to use voting to decide, if ranking becomes necessary. Now, Thornton is lowest (voted "No"), then APD next.

Further discussion of projects I & H brought up a couple of points:

Bryan offered a maintenance budget to DOR for programming fixes.

Barry questioned duplication of systems; Bryan said we would look at to eliminate or reduce duplication.

Votes on projects were tallied (see attachment).

STRAC Strategic Plan update (Hooper)

STRAC needs an up-dated document for our 408 application to NHTSA (aligned with 2009 TR Assessment).

Charles Meyer added that NHTSA was adamant that we have a current Strategic Plan.

Barry proposed to accept the Strategic Plan, as is, then re-visit it in the July meeting, if needed. This was unanimously accepted.

Meeting Adjourned.

Attachment E: STRAC Membership

The STRAC membership is comprised of state agencies that contribute to and utilize motor vehicle traffic data and information.

The membership is comprised of representatives from the:

Colorado State Patrol; Peter Weir, CDPS Executive Director

Colorado Department of Revenue; Roxanne Huber, CDOR Executive Director

Colorado Department of Public Health and Environment; Martha E. Rudolph
CDPHE Executive Director

Colorado Department of Human Services; Karen Beye, CDHS Executive Director

Colorado Department of Transportation; Don Hunt, CDOT Executive Director

Colorado Judicial Department; Gerald A. Marroney; State Court Administrator