

Breakout C
Strategies, Workforce, Public Relations

Slide 1:

a. Efficiency

Wide variation between states

Equipment

Data collected ***

Policies

Data systems

Confidence level in cost data & analysis

Consistency

Common definition & understanding of goals – across agencies and states

How to gain efficiency with in-house (self performed) and contractors

Slide 2:

b. Route planning

Current route plans evolved over years

Clear Roads scoping a project for this

Literature search – What is currently used and available?

See Clear Roads scope document

Dane County, Wisconsin (Madison)

Has system that is 15 years old: now updating system (C2logix)

[C2Logix is a route optimization provider utilizing a package called FleetRoute™]

Delaware evaluating system (C2Logix)

Utah has a system in place.

Slide 3:

c. Snow Plan

Issue: Efficiency

- States need to know what the costs are.
- Is there a uniform way of calculating Benefit/Cost, possible a tool
- Proper recording of data is an issue – consumption / time.
- How to record time / consumption [does this refer to the beginning and end of the event?]
- Benefit may look different to each state.

Product: Efficiency

- Beyond performance, the need to integrate cost to know that the right thing(s) are being done in the right way.
- Risk analysis is needed to level the benefits.

Effort: Efficiency

- Clear Roads to look at winter contracting methods.

Notes: Efficiency

Steven Lund 11/15/2015 7:15 AM

Comment [1]: My slides/notes start here...
everything above must be notes from the West
Virginia guy - drawing a blank

- Known costs, do this at the storm level – do it more at the this level [what level?]
- Is/what is the method to show efficiency?
- Ohio has a truck formula
- Delaware is tasked with clearing sidewalks – this activity is out to contract.

Steven Lund 11/15/2015 7:09 AM
Comment [2]: I would say this is referring to the storm level – at the individual storm

 Issue: Route Optimization

- Route optimization may be limited by the ability to relocate buildings and facilities.
- Route optimization looks different depending on flexibility
- Is the return [what's the word?] for paying for "route optimization".
- Route planning <-> Asset placement (location) <-> Facility placement or removal

Steven Lund 11/15/2015 6:59 AM
Comment [3]: The word is "there" ... so, can benefit be realized to make the cost worthwhile.

Products: Route Optimization

- Trucks in the right place
- Boundary changes
- Number of trucks

Effort: Route Optimization

- Clear Roads project under contract but not started yet. Many factors being looked at.
- Study will look at "what's out there" not to develop a program.
 - Delaware C2Logicx demonstration (for the county)
 - Wisconsin – Dane County 15 ago, doing it again now (C2Logicx)
 - Utah – "Spatial Matters" was used

Notes: Route Optimization

- Vermont – university looking at salt storage
- Wisconsin – trying to get 125% of normal winter
- [Do you mean, Storage for 125% of a normal winters salt consumption?]

Steven Lund 11/15/2015 7:01 AM
Comment [4]: Yes – Wisconsin is working toward storage of 125% salt storage of a normal winter.

 Issue: Snow Plans

- Employee rest requirements during plowing operations
- Manual vs. S/I plan [is this a snow and ice manual vs. snow and ice plan? What's the difference? In my mind a manual is how to do it while a plan is what to do. Is that how your group saw it?]
- Plowing happens
- Got plans
- That integration is not always clear

Steven Lund 11/15/2015 7:10 AM
Comment [5]: Yes. I agree with your view of this – how an what. I would also say the manual is a more longer term document and a plan is a yearly reviewed document.

Products: Snow Plans

- Prioritization of routes
- Template outline of plan

- Share berger [what's this word] work on S/I plan – Gabe to share resource [don't understand this one]

Notes: Snow Plans

[My guess this is the status of snow plans at the respective states. True?]

Washington – Generic plan, high level

Kansas – Every year required, but does not do

Connecticut – Yes 2006 all salt policy detailed

- Rest breaks

- How contractors

- Equipment inventory

- Union

Mississippi – Yes, High level protocol biennially

Wisconsin – Not at state level, policy and procedures, county under contract

Michigan – High level, annually by county

Alabama – Airports-yes, maintenance handbook of Rec [Record?] (First update since 1992)

Massachusetts – yes, but old

Delaware – Union involved

Vermont – yes, 11 pages

West Virginia – Not up to date at the district level.

Steven Lund 11/15/2015 7:10 AM

Comment [6]: This is a person – Dave Berger. He spoke I think twice at the July SCOM. Gabe was to share Berger's' research (Res – is research).

Steven Lund 11/15/2015 7:09 AM

Comment [7]: Yes

Steven Lund 11/15/2015 7:09 AM

Comment [8]: Recommendations