Winter Maintenance
Snow and Ice Control
– Module 5 –

POST STORM
ACTIVITIES

PRESENTED BY:
DELAWARE T²/LTAP CENTER
Introduction

- **In this module:**
  - Push back shoulders
  - Clear drainage ways
  - Refreezing
  - Maintain and clean equipment
  - Restoring safety features and sight distances
  - Removal of snow
  - Asset inventory
  - Interim pavement repairs
  - Assess performance and debrief
Post Storm Activities

- You fought the storm
- Everyone’s back at work, the mall, the PTA meeting, and football practice
- The crews have gone home to rest (and clean out their own driveways)
- Tomorrow, it’s time to get ready for the next storm – your post storm tasks
Get Ahead of the Public

- Press release, letter to the editor, appearance at a council meeting, etc.
- Thank the public for their cooperation during the storm
- Forget about the ones who didn’t cooperate
  - Release your negative ions
  - This is positive time
- Tell them how much it helped your operation
- It steals thunder from the cranky ones
- It could make them more cooperative next time
Cleanup

- This is the stuff beyond passable roads and achieving Levels of Service
  - Recognize the difference between what has to be done immediately versus what can wait...while you rest a bit
  - Establish your LOSs during the storm
  - Make roads passable and safe for a prudent driver
  - Then rest
  - The stuff we’ll talk about now can wait a day or so
  - Usually
  - But not much longer
Cleanup

- Push back shoulders
Cleanup parking lots
Cleanup

- Clear drainage ways
- Expose hydrants
Cleanup

- Clear curb ramps
- Deice sidewalks
- Watch for refreezing
Cleanup

- Maintain equipment
- Equipment repairs
- Check cutting edges
- Wash equipment
- Clean spreaders
Post Storm Activities

- Cleaning/repairing equipment is important after each storm
  - Get the salt out of the nooks and crannies
  - Verify free movement of all parts
  - Repair worn or damaged parts
  - Check all safety lights and equipment
Post Storm Activities

Video
Cleanup

- Replenish chemicals/abrasives
Cleanup

- Melt water control
Cleanup

- Melt water control

Photo: Bikes and Books
Cleanup

- Melt water control
Cleanup

- Melt water control
Cleanup

- Melt water control
- Reestablish drainage paths
Cleanup

- **Restore safety features and signs**
  - Impact attenuators
    - Repair
    - Clear snow away (don’t allow ramp effect)
  - Guardrail
    - Similar concerns to attenuators
  - Median barrier
  - Sign posts (breakaway, yielding)
  - Light poles
  - Signs
  - Restore sight distances
Cleanup

- Loading, hauling, disposal of snow
  - Parking areas
  - Remove buildup for next storm
  - Dump only in approved areas
Cleanup

- Loading, hauling, disposal of snow
  - Safety
    - Your personnel
    - Vehicles
    - Pedestrians
  - Temporary Traffic Control?
Cleanup

- **Bridges**
  - Clear scuppers for drainage
  - Open sidewalks
  - Watch for refreezing
Cleanup

- Pavement and shoulder repairs
  - Pothole patching
  - Cold patch, hot/warm mix
- Brush cutting/tree removal
- Utility restoration
  - Overhead
  - Underground
- Abrasives cleanup
  - Vacuum truck, if you have or have access to
- Mailbox repair/replace (if applicable)
Cleanup

- Debrief and assess
  - What went well
  - What didn’t
  - Why
  - How to improve
  - Actions that can’t wait
  - Apologies to be made/hurt feelings to mend
  - Make notes for changes to plan
  - Involve the whole crew and no outsiders – speak freely
You’re Ready For The Next Storm

- On to Module 6 – Post Season Ops
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