Tips to Manage the Environmental & Behavioral Factors That Cause Slips, Trips & Falls

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Environmental Hazards

- Snow & Ice
- Uneven Pavement
- Poor Lighting
- Steep Grades
- Stairs
- Wet Floors
State Capitol Mall
Environmental Hazards
Snow & Ice

• Have A Plan and Assign Responsibilities in Advance
• Pre-Treat
• Start Snow and Ice Control Operations Early
• Use the Right Chemicals for the Conditions
• Use the Proper Equipment (Broom, Plow, Chemical Spreader etc.)
• Use the Proper Spread Rate
• Know Your Melt & Refreeze Areas
• Monitor
• Maintain
• Provide Self-Help Chemicals at Strategic Locations
Environmental Hazards
Uneven Pavement

- Inspect Pavement Yearly
- Mill Down Uneven Joints
- Replace Heaved & Differentially Settled Slabs
- Fill Cracks and Large Joints
- Install Curb Cuts
- Maintain Texture for Grades
Environmental Hazards
Poor Lighting

- Check Exterior Lighting Quarterly
- Keep Diffusers Clean
- Replace Burned Out Fixtures ASAP
- Ensure Proper Light Levels (10 Lux Horizontal, 8 Lux Vertical)
Environmental Hazards
Steep Grades

• Ensure Good Pavement Texture
• Consider Handrails
• Consider Rerouting Traffic During Hazardous Weather Conditions
• Make Slopes a Priority In Winter
Environmental Hazards
Stairs

• Ensure Good Tread Texture
• Make Sure Handrails Meet Codes
• Make Sure They are Well Lit
• Consider Rerouting Traffic During Hazardous Weather Conditions
• Make Steps a Priority In Winter
Environmental Hazards
Wet Floors

• Place Wet floor Signs
• Use Walk-off Mats
• Use Fans to Facilitate Drying
• Reroute Traffic
  – Ensure All Paths to Enter the Wet Area are Closed
• Monitor
Communications For Environmental Hazards

• Have a Communications Plan to Get the Word Out to Staff
• Have a Way for People to Notify You of Problems
  – Call Center
  – Email Collection Center
Behavioral Hazards

- Improper Footwear
- Distracted Walking
- Unrealistic Expectations of Pedestrians
Questions