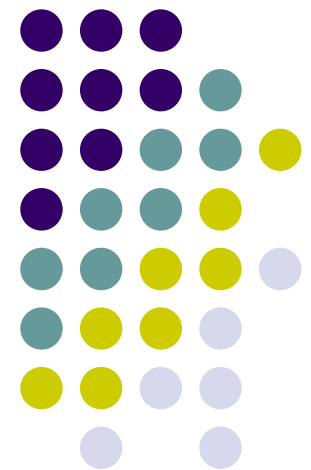


# Highly-Mobile Barrier Systems to Protect Workers

Wrap-Up Session





# Priority Rankings

1. Bridge maintenance
2. Guardrail repair
3. Concrete slab replacement
4. Joint repair
5. Pothole patching
6. Crack sealing
7. Culvert/drain work
8. Traffic control
9. Asphalt overlay
10. Sign work
11. Core sampling
12. Signal work
13. Landscaping
14. Lighting work
15. Short-line striping
16. Surveying
17. Litter pick-up
18. Asphalt milling
19. RPM work
20. Sealcoating
21. Pavement profiling
22. Rumble strip installation
23. On-road equipment repairs
24. Level up
25. Retroreflectivity measurements

# Factors Affecting Need for Protection



- Lack of “escape” route
- Accident data for activities
- Accident data for location
- Exposures measures (volumes, duration, vehicle mix, functional classification, etc.)
- Cost (importance of life-cycle)
- Proximity to hazard
- “Return-on-investment”

# Device Selection Considerations



- Protection space requirements
  - Lateral
  - Longitudinal
- Accessibility to equipment and materials
- Mobility
- Deflection constraints
- Transportability
- Ease of installation

# Other Miscellaneous Thoughts



- Difficult to change institutional culture
  - Prototypes versus final product
  - Commitment at highest levels are critical
- States need an assessment process to follow
- Importance of versatility of equipment
- Protection versus elimination of hazard