Accommodation of Pedestrians in Temporary Traffic Control Areas

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Project Overview

- Sponsored by Texas Department of Transportation

Objectives
- Improved guidelines for handling pedestrians in work zones
- Guidelines to meet requirements of the ADA
Checklist Development

- Sidewalks exist within the limits of the project
- Potential for pedestrian traffic through project
Checklist Format

1) Feasibility
2) Project Assessment
3) Temporary Traffic Control Plan Development
4) Construction In-Field Review
Temporary Traffic Control Plans

- Manual on Uniform Traffic Control Devices (MUTCD)
  1. Not led into conflicts with traffic
  2. Not led into conflicts with work site operations/equipment
  3. Should provide path
     - Safe
     - Convenient
     - Accessible
Temporary Traffic Control Plans

- Diversion Route Considerations
  - On street parking area
  - Travel lane
  - Sidewalk/Path Across Street
Temporary Traffic Control Plans

- Pathway Considerations – Separation of Pedestrian from:
  - Work
  - Traffic
Temporary Traffic Control Plans

- Pathway Considerations - Access
  - Crosswalks
  - Transit
  - Businesses
Temporary Traffic Control Plans

- Pathway Considerations - Canopied Walkway
Temporary Traffic Control Plans

- Pathway Considerations - Physical Characteristics
  - Width
  - Surface
  - Temporary obstructions
Temporary Traffic Control Plans

- Pathway Considerations - Sight lines
Temporary Traffic Control Plans

- Pathway Considerations - Information needs
  - Advance Warning
  - Guidance Through Area
Construction In-Field Review

- Critical to be ongoing
- Frequent
- What are you looking for?
Construction In-Field Review

- Intended route vs. Route being used
Construction In-Field Review

- Look at transition points
  - Surfaces
  - Information
Construction In-Field Review

- Barriers when needed
Construction In-Field Review

- Inspect devices in place
Construction In-Field Review

- Clear paths
  - Drainage
Construction In-Field Review

- Access
Conclusion

- Continuous and Accessible
- Planning
- In-Field Review
- Think of Pedestrians as you would Vehicles.
References

- **Checklist for Accommodating Pedestrians in Temporary Traffic Control Areas.**

- **Investigating Pedestrian Components In Temporary Traffic Control.**

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**STAGE 4: CONSTRUCTION IN-FIELD REVIEW**

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<thead>
<tr>
<th>CHECK</th>
<th>TOPIC</th>
<th>EXAMPLES or DISCUSSION</th>
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<tbody>
<tr>
<td></td>
<td>TOPIC 13: Pedestrian Route – Roadside Hazards</td>
<td>The trench to access the utility conduit in Figure 4-20 has been covered until work resumes.</td>
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<td>- Check that no roadside hazard has been installed or overlooked.</td>
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<td>- Check that no natural feature (e.g., bank rock or major tree) results in loss of visibility.</td>
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*Figure 4-20. Example of Covered Trench*
Questions?

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