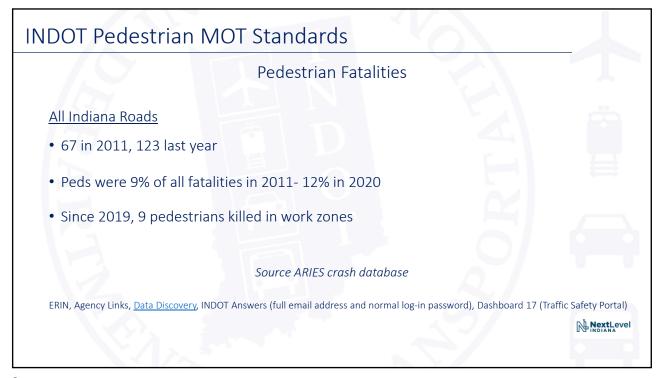


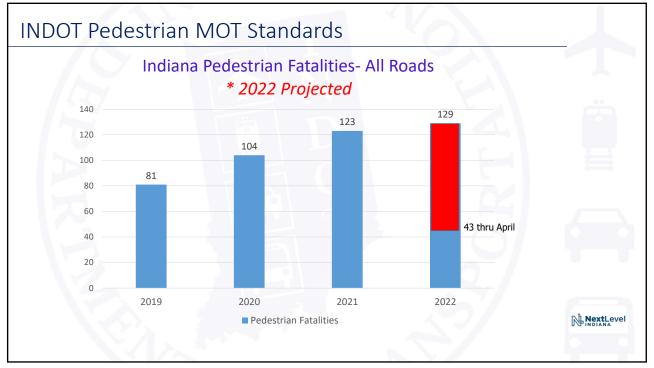
Pedestrian MOT Themes

Presence of Sidewalks = Pedestrian Demand
Assumption of need to provide Temporary Facilities

Temporary Facilities
Must be MUTCD compliant
Should maintain the same level of service

INDOT Standards are needed
Pedestrian Vulnerability- Ped Crashes/Fatalities are on the rise





#### Sidewalk Closures

- Detour- closes sidewalk to through pedestrian movement
- Diversion to the Street Side- temporary path between sidewalk and road
- Diversion to the House Side- between sidewalk and R/W



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# INDOT Pedestrian MOT Standards

#### Pedestrian Detour

- Barricades
- Signs
- Audible Information Devices





#### Pedestrian Diversion

- Compared to a Detour
  - Keeps peds along their normal path
    - Less walking, less street crossing
- Temp path, curb ramps, and ped channelizers
   7 to 9 ft of cross section width needed
- Street Side version:
  - Takes away parking or adjacent travel lane
  - Pedestrians closer to vehicular traffic
  - Temporary Traffic Barrier may be needed



→ A house side diversion preferable to a street side, R/W allowing



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# INDOT Pedestrian MOT Standards

#### Other Restrictions

- Curb Ramp and Crosswalk Closures: reroute to another crossing location
  - Closest, safe route back to the normal path
- Construction in a travel lane adjacent to sidewalk-
  - Pedestrian channelizers should be used.
  - Temporary traffic barrier may be needed with significant drop-offs



#### Temporary Accessible Pedestrian Path

- Substitutes for existing/permanent sidewalk
- Contractor's choice- can be prefabricated or standard construction materials- plywood not allowed
- Stable, slip resistant
- At least 48" wide
- Cross slope ≤ 2%
- If on house side subgrade work may be needed





NextLevel

C

# INDOT Pedestrian MOT Standards

### Temporary Curb Ramp

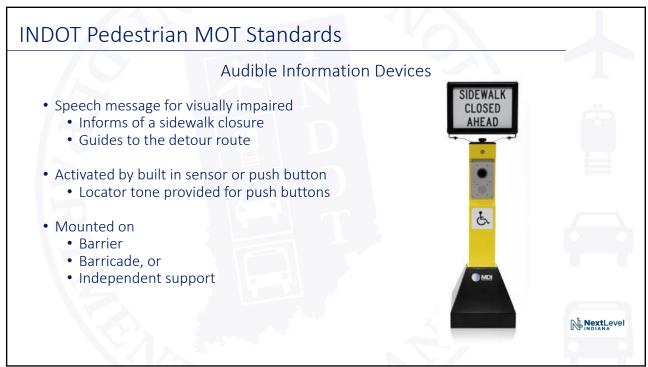
- Prefabricated or standard construction material (asphalt/concrete)
- Either perpendicular or parallel to road, if parallel a 4' x 4' landing area is needed
- At least 48" wide, running slope ≤ 8.33%, cross Slope ≤ 2.00%
- Height
  - ≤ 4" edge protection or flared sides
  - > 4" in height, edge protection is required
  - > 6" handrails are also required











### Standard Development Status

- Specifications and Drawings- under development
  - Specs: Temp Access Path, Temp Curb Ramps, Ped Channelizers, Audible Info Devices
     These items paid for separately, costs are not trivial
  - Drawings: Detours, Diversions, Crosswalk Closings
- Design Guidance: drafted but not final
  - Will be included in a Design Manual, Chapter 503 revision
- Qualified Products List- being established
  - Indiana Test Method approved last fall: https://www.in.gov/indot/div/mt/itm/pubs/958 testing.pdf
  - Products are currently under evaluation- should be completed this summer



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# **INDOT Pedestrian MOT Standards**

# Designer Should...

- Include needed Pay Items
  - 801-11990, Temporary Curb Ramp (ea)
  - 801-12641, Temporary Accessible Pedestrian Path (sys)
  - 801-08401, Pedestrian Channelizer (Ift)
  - barricades, construction sign, temp traffic barrier
- For sidewalk closures, choose treatment type- detour or diversion
- MOT Plan Details- if Standard Drawings are not sufficient for the project
  - MUTCD Typical Figures 6H-28 & 6H-29 can be used until standards are in effect
- Discuss Pedestrian needs during field checks, may consult with the ADA Technical Advisory Committee



