KYTC's 2018 Section Engineers' Meeting

ADA Statement of Technical Infeasibility

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Americans with Disabilities Act

In 1990, Congress passed the Americans with Disabilities Act (ADA) which prohibits discrimination on the basis of disability.





Americans with Disabilities Act

"to provide a clear and comprehensive national mandate for the elimination of discrimination against individuals with disabilities" and "to provide clear, strong, and consistent, enforceable standards addressing discrimination against individuals with disabilities." 42 U.S.C. 12101 (b) (1) and (2).



Americans with Disabilities Act

Title II of the ADA applies to **public transportation** provided by public entities
through regulations by the **U.S. Department of Transportation (USDOT)**. It includes **sidewalk and street crossing accessibility**.



Americans with Disabilities Act Standards and Guidelines

Guidelines developed to address access to public rights-of-way:

- Proposed Guidelines for Public Rights-of-Way Accessibility Guidelines (PROWAG)
 - ➤ Originally published in 2002; revised in 2005 and 2011
 - ➤ Undergoing rulemaking process
 - ➤ Considered "Best Practice"

Americans with Disabilities Act Standards and Guidelines



The technical requirements in the proposed PROWAG guidelines make allowances for typical roadway geometry and permit flexibility in alterations to existing facilities where existing physical constraints make it impractical to fully comply with new construction requirements.



ADA Statement of Technical Infeasibility

Any **new construction** must be accessible to persons with disabilities, except when KYTC can demonstrate it is **structurally impracticable** or **technically infeasible** to fully comply with the requirements of ADA.

[2010 ADA]

ADA Statement of Technical Infeasibility



On a **Retrofit (Repair or Maintenance)**, the pedestrian access route shall be made accessible to the **maximum extent feasible** within the scope of the project. [2010 ADA]

PROWAG 2011



R202 Alterations and Elements Added to Existing Facilities:

The proposed guidelines permit flexibility in alterations to existing facilities. Where **existing physical constraints** make it **impracticable** for altered elements, spaces, or facilities to fully **comply with the requirements** for new construction, compliance is required to the **extent practicable** within the **scope of the project** (see R202.3.1).

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"Existing Physical Constraints"

Roadway Topography





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"Existing Physical Constraints"

Drainage





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"Existing Physical Constraints"

Underground Structures





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ADA Statement of Technical Infeasibility

A **Technical Infeasibility determination** means that due to existing physical or site constraints the facility (e.g. a sidewalk) **cannot be built** to comply with the accessibility requirements. (Reference: 2010 ADA 106.5, 202.3, & PROWAG R202.3.1)

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ADA Statement of Technical Infeasibility



What is KYTC's ADA Statement of Technical Infeasibility?

A process to **document** Technical Infeasibility.

To be released via policy memo...

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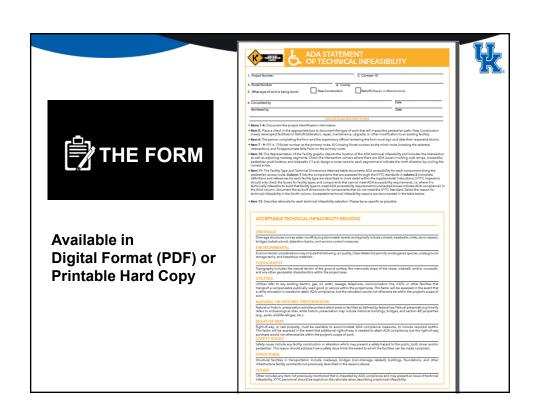


ADA Statement of Technical Infeasibility

A G.I.S. App, Hard Copy Form & Instruction Pages:

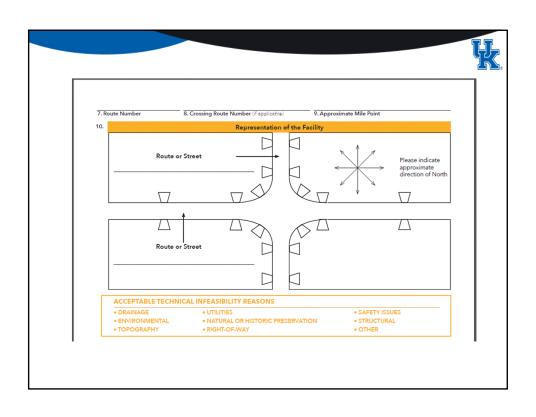
- Document ADA Statement of Technical Infeasibility
- Assist Staff with Technical Infeasibility Determinations

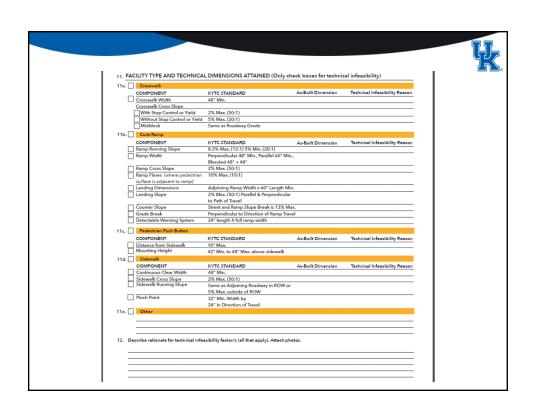
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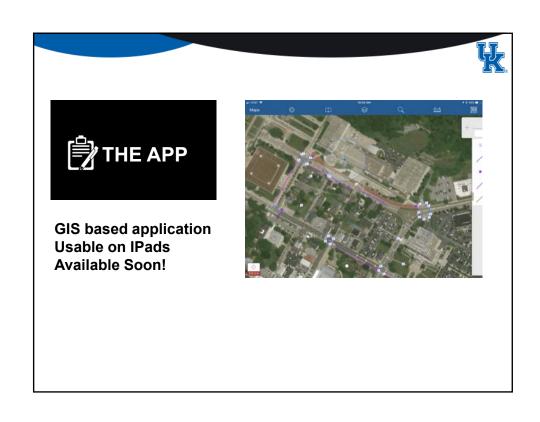


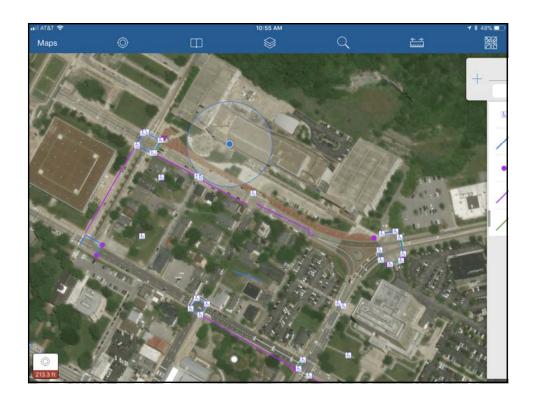
ADA STATEMENT OF TECHNICAL INFEASIBILITY	
umber 2. Contract ID	
mber 4. County e of work is being done? New Construction Retrofit (Repair or Maintenance)	
d by Date	
by Date	
COVER PAGE INSTRUCTIONS	
: Document the project identification information.	
ace a check in the appropriate box to document the type of work that will impact the pedestrian path: New Const veloped facilities) or Retrofit (alteration, repair, maintenance, upgrade, or other modification to an existing facility).	
ne person completing the form and the supervisory official reviewing the form must sign and date their respective	blocks.
: Fill in: 7) Route number as the primary route, 8) Crossing Route number as the minor route (crossing the selected on), and 9) Approximate Mile Point on the primary route.	d
The Representation of the Facility graphic depicts the location of the ADA technical infeasibility and includes the in adjoining roadway segments. Check the intersection corners where there are ADA issues involving curb ramps, cr in push buttons, and sidewalks (11a-e). Assign a route name to each segment and indicate the north direction by c row.	rosswalks,
The Facility Type and Technical Dimensions Attained table documents ADA accessibility for each component along n access route. Column 1 lists the components that are assessed through the KTTC standards in column 2 (comple and references for each facility type are described in more detail within the supplemental instructions), KTC ins ity check the boxes for facility types and components that cannot meet ADA accessibility requirements, i.e. where is yinfeasible to build that facility type to meet ADA accessibility requirements (unchecked boxes indicate ADA com column, document the as-built dimensions for components that do not meet the KYTC Standard. Select the reason infeasibility in the fourth column. Acceptable technical infeasibility reasons are documented in the table below.	lete spectors it is npliance). In

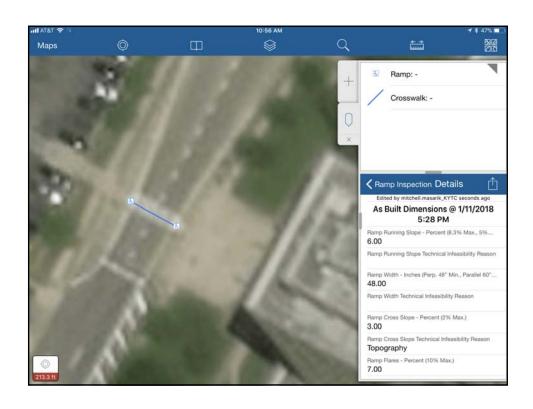
















Conclusions

- 1. ADA requires accessible sidewalks to the maximum extent feasible.
- 2. There are some allowable exceptions for roadway construction & retrofits.
- 3. For the exceptions, a Technical Infeasibility determination must be documented.

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