



STREET DESIGN GUIDELINES

WICHITA CITY COUNCIL WORKSHOP

August 26, 2014

Wichita's Policy Manual for Multi-Modal Transportation





PROJECT PURPOSE

- ❑ Policy for current design practices
- ❑ Consolidate City design guidance
- ❑ Implement City plans
 - 🚲 Bicycle Master Plan
 - 🚶 Pedestrian Master Plan
 - 🚲 Transit Vision Plan

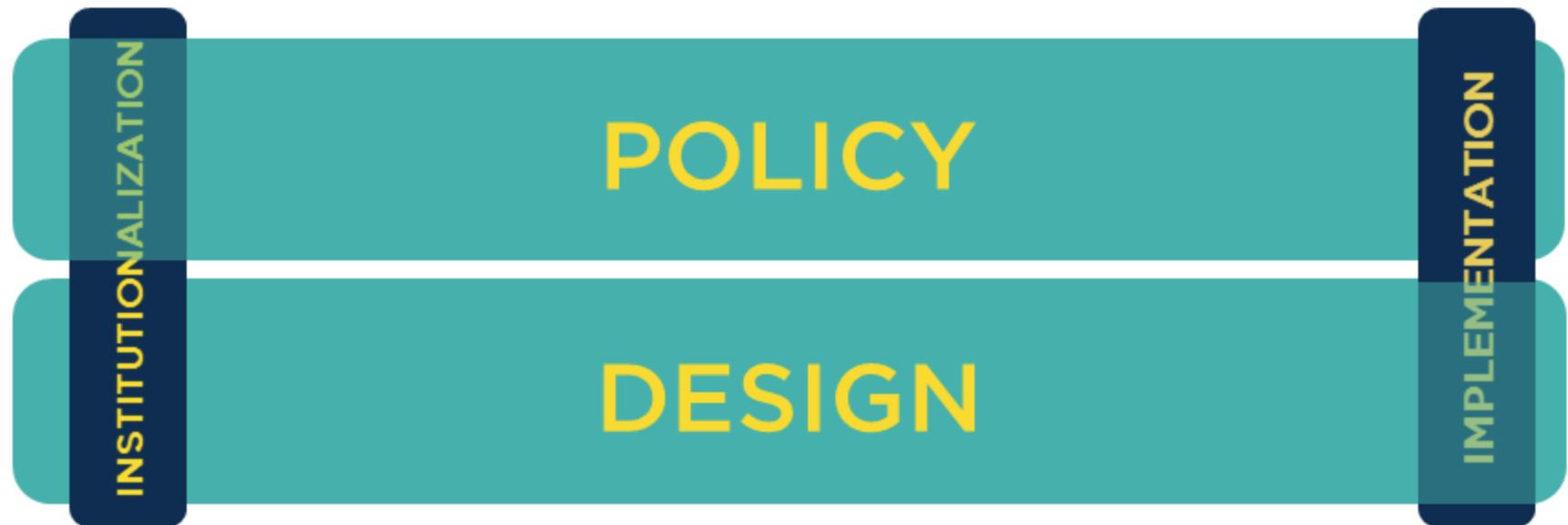




PROJECT DESCRIPTION

Three Components

- ❑ Multi-Modal Policy
- ❑ Street Design Guidance
- ❑ Recommended implementation and institutionalization





MULTI-MODAL ACCOMMODATION POLICY

Purpose

- ☐ Direction for City staff – consider all modes of transportation for projects
- ☐ Implement Council goals and citizen preferences
 - 🚲 More walking
 - 🚲 More bicycling
 - 🚲 More transit
 - 🚲 Improve safety
 - 🚲 Enhance connections

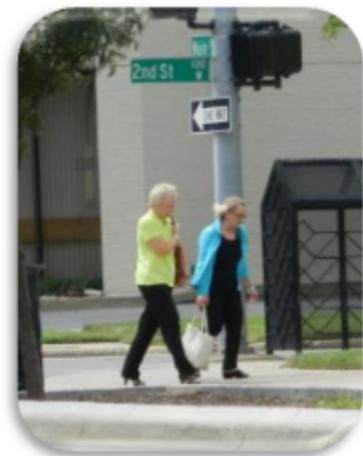




MULTI-MODAL ACCOMMODATION POLICY

Benefits

- ☐ Increase safety, comfort and convenience
- ☐ Standardize current practices
- ☐ Enhance coordination
- ☐ Routine design
- ☐ Reduce retrofits
- ☐ Citizen desires
 - 🚲 Citizen Surveys
 - 🚲 Public meeting input
 - 🚲 Advisory board recommendations





POLICY DEVELOPMENT

Existing Plans

Review of Best Practices

City Staff

Advisory Boards



POLICY EMPHASIS

All Transportation Modes are Important

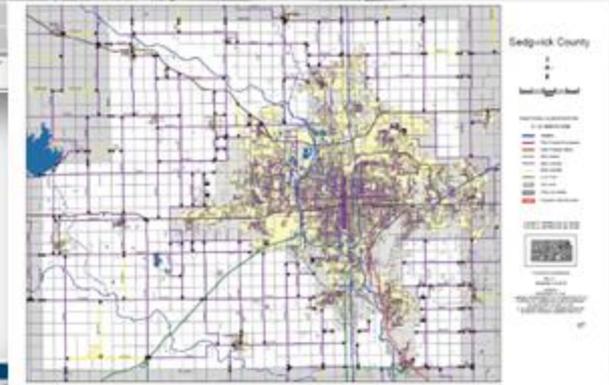
- Motor vehicles
- Transit
- Pedestrian
- Bicycle





NETWORK BASED APPROACH

-  Not every street needs dedicated facilities for all modes
-  Connected citywide networks
 -  Efficiency
 -  Safety
 -  Travel options



POLICY VISION

Context Sensitivity

- 🚗 Designs should be appropriate for the need and setting
 - 🚲 Land uses
 - 🚲 Development intensity
 - 🚲 Street function
 - 🚲 Transportation modes
 - 🚲 Transportation demand





POLICY APPLICATION

Applicability

- ❑ Citywide
- ❑ Capital and maintenance projects
- ❑ Private developments with ROW/easement dedications
- ❑ Exceptions
 - 🚲 Where mode prohibited
 - 🚲 Disproportionate costs or impacts
 - 🚲 Infeasible
 - 🚲 Impractical





Implementation & Evaluation

Project Review

Policy Exceptions

Monitor Performance

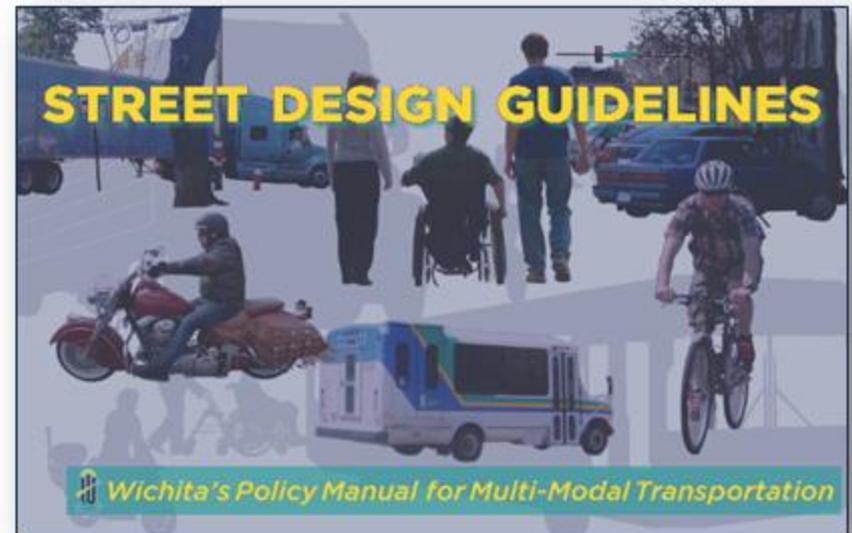




STREET DESIGN GUIDELINES

Purpose

- ❑ Current design practices
- ❑ Compiled into one source document
- ❑ Detailed guidance
 - 🚲 Street design
 - 🚲 Intersection design
 - 🚲 Transit design





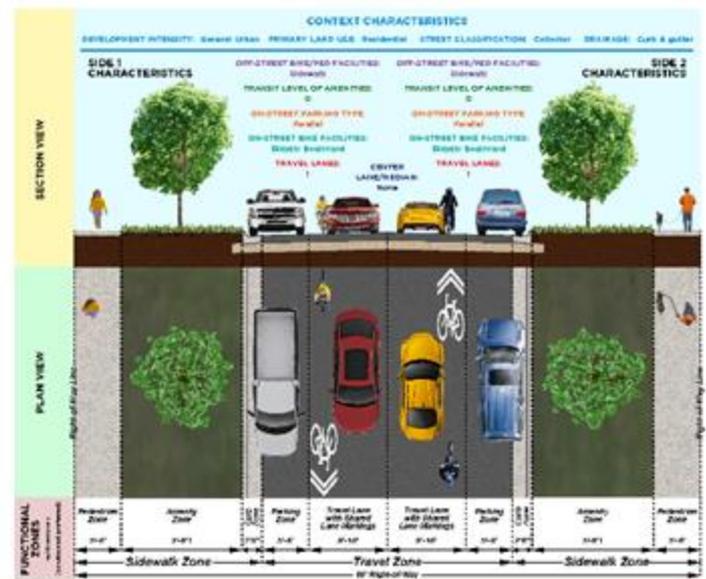
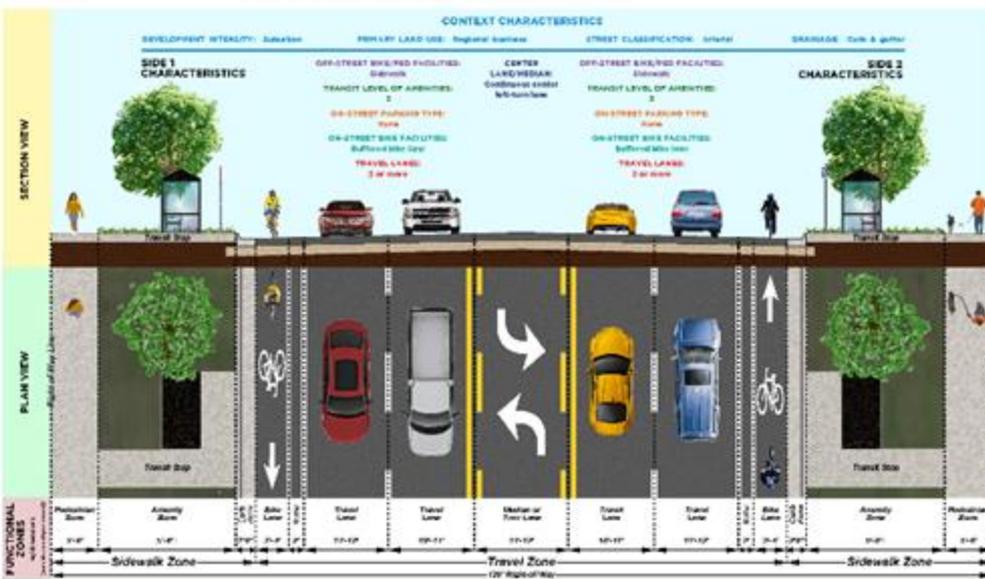
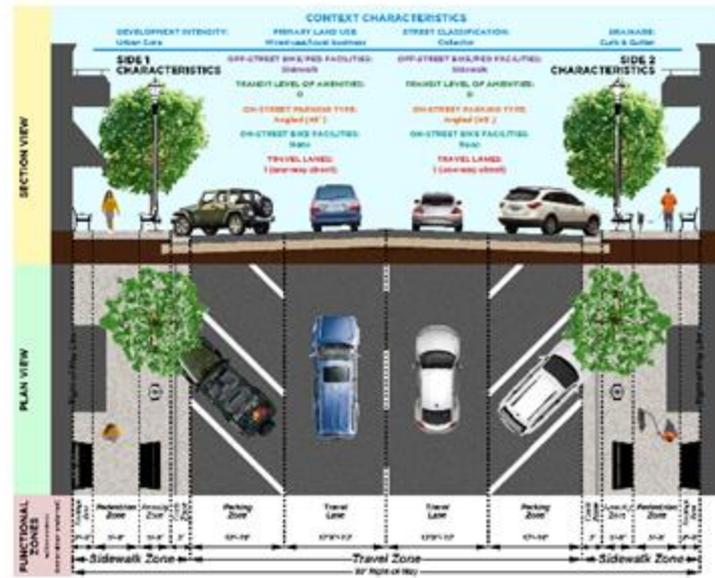
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STREET DESIGN Detailed guidance

-  Context sensitive designs
-  All transportation modes

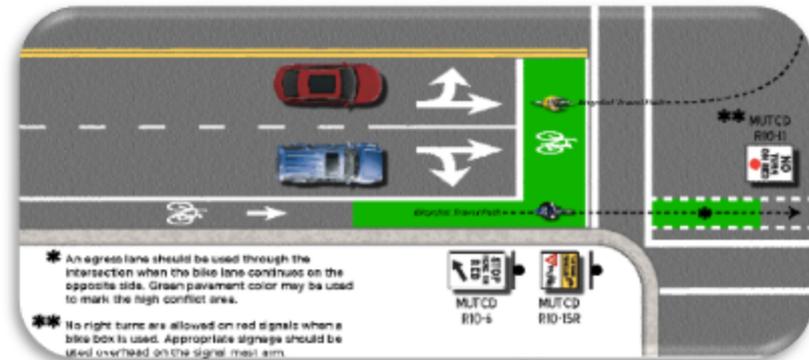
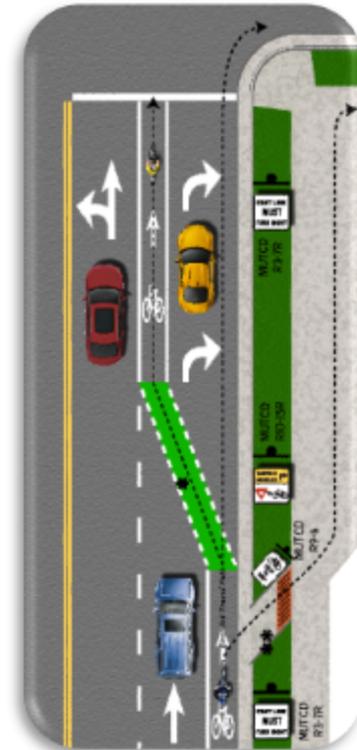




INTERSECTION DESIGN

Detailed guidance

- ☑ References Pedestrian Master Plan
- ☑ Vehicle design according to standard practices
- ☑ Bicycle design
 - 🚲 Numerous treatment options
 - 🚲 Preferred options for Wichita

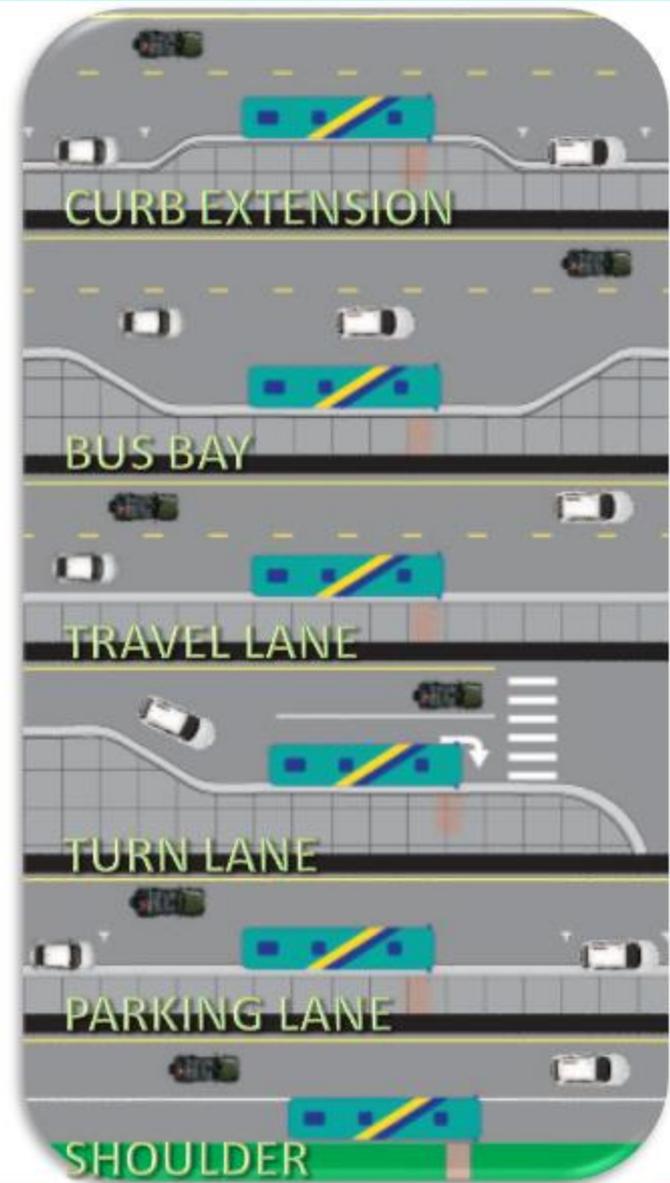
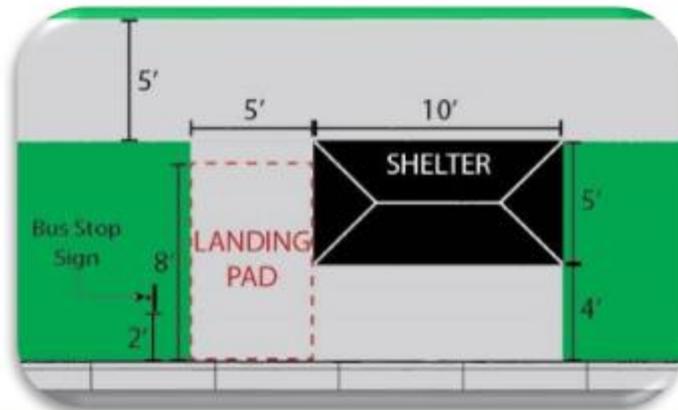




TRANSIT STOP DESIGN

Detailed guidance

- ❑ Type of stop
- ❑ Spacing
- ❑ General location
- ❑ Specific placement
- ❑ Level of amenity

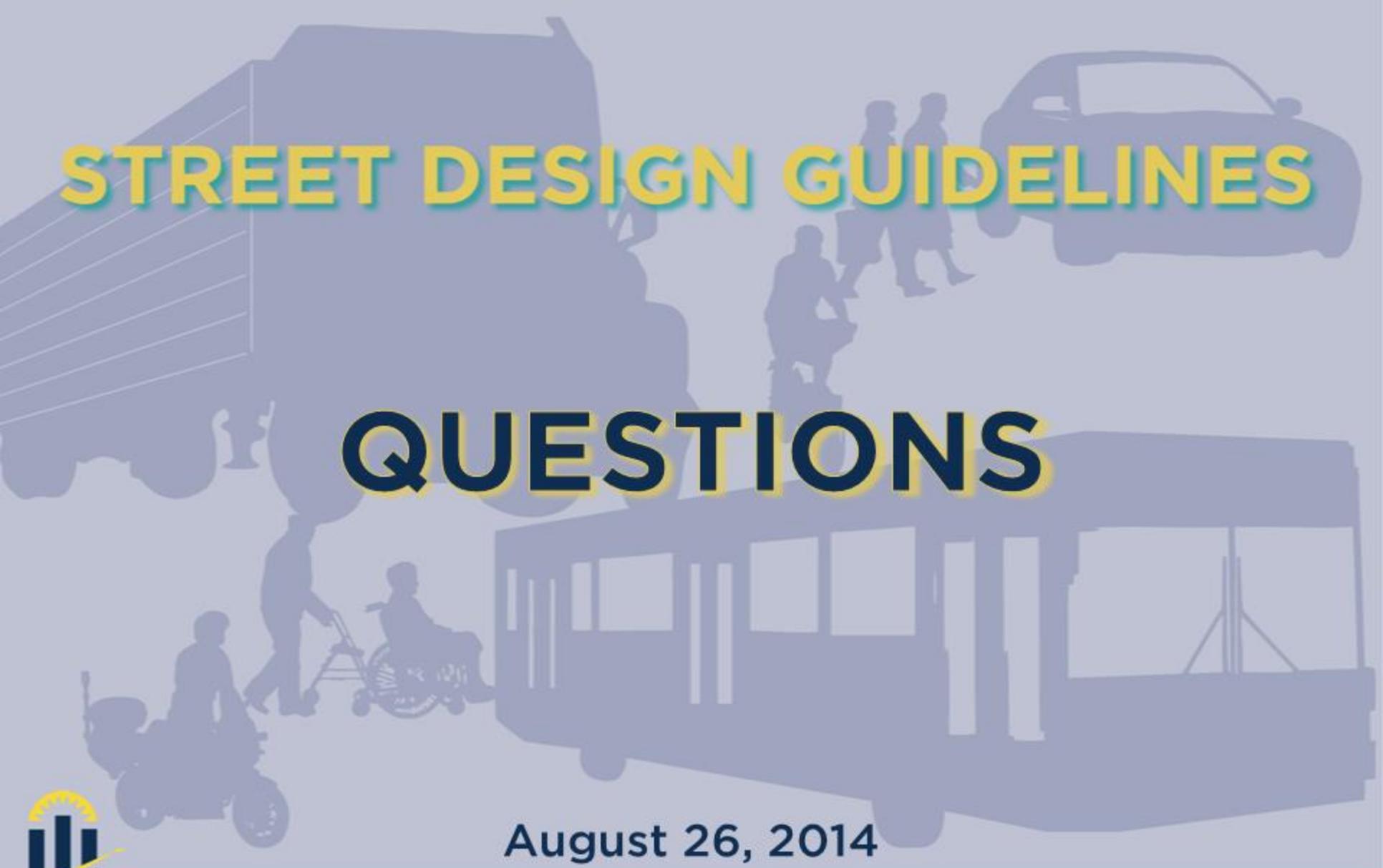




NEXT STEPS

- ☐ Stakeholder group presentations
- ☐ Final revisions
- ☐ Council endorsement (tentatively scheduled for Oct. 7)





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QUESTIONS

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