Multi-Modal Design Guidelines
Multi-Modal Design Guidelines

Purpose:
Provide an overview of the Guidelines, and their application to Martin Luther King Jr. Street improvements.

Presentation Organization:
*Overview of MPO Multi-Modal Design Guidelines:*
Meg Storrow, Storrow Kinsella Associates, consultant to the MPO

*Neighborhood Planning / Infrastructure as an Economic Development Tool:*
Wendy Cooper, Senior Planner, Indianapolis DMD

*Phased Implementation:*
Warner Anderson, Engineering Division, Indianapolis DPW
Overview of Multi-Modal Design Guidelines:
Meg Storrow, Storrow Kinsella Associates, consultant to the MPO
Using the Design Guidelines entails 3 principal steps, corresponding to the 3 sections of the document:

1. Identify the relevant district and corridor based on the LOCATION – these are usually designated by a separate planning process

2. Review PLANNING guidelines to determine the applicable typologies and their implications

3. Utilize DESIGN guidelines for the development of design documents and construction
Multi-Modal Design Guidelines

Step 1

Find Location to Identify Multi-Modal Districts and Corridors

- Note: designation may come from the MPO or your local planning process

Map Reference: The Regional Pedestrian Plan
Step 2
Review Planning Guidelines for Applicable Corridor Typologies

CONSIDERATIONS
- Facility performance
- Facility connections
- Facility spacing
- Partner requirements (economic development, transit agency, etc.)
Step 2

Corridor Typology

Determines streetscape concept based on the Planning Guidelines

Other typologies are identified in the guidelines – they vary according to land use and transportation characteristics
Step 3
Consult Design Guidelines

CONSIDERATIONS

Spatial constraints
Mode hierarchy and connections
Component zone guidelines
Land Use Context
Multi-Modal Design Guidelines

Step 3

Typology Component: Pedestrian Way (PW)

Urban Context

A clear PW in Montpelier, Vermont, with pedestrian-friendly and permeable ground floors

A wide and clear PW in downtown Indianapolis, on Washington Street

Multimodal Workshop February 9, 2010
Step 3
Typology Component: Bicycle Way (BW)

Photo courtesy of Dan Burden
Step 3

Typology Component: Bus Transit Way (BTW)
Multi-Modal Design Guidelines

Design Guideline Status

▪ **ADOPTED** by the IRTC and Metropolitan Development Commission in 2009

▪ Local jurisdictions are encouraged to adopt the Guidelines and utilize them for economic development initiatives, PUD’s, community engagement, and education

▪ Can inform project selection criteria for funding applications

▪ Local jurisdictions are encouraged to develop a Multi-Modal System Plan (i.e. Step 1 in the process) that:
  ▪ determines multi-modal corridor locations
  ▪ informs jurisdictions how to apply the guidelines to their specific requirements
  ▪ develops an implementation plan
The Design Guidelines are Advisory, but . . .

- They are a tool to inform **PLANNING EFFORTS**: the guidelines link considerations of economic development, land use character and transportation function.

- They are useful at the **SCOPING STAGE** of a project: they should be provided to consultants before they start design.

- They balance **ALL MODES OF TRANSPORTATION**, and are particularly helpful when designing streetscapes that include bikes and busses, in addition to automobiles.

- They anticipate **FEDERAL PROGRAM REQUIREMENTS** and **LOCAL DEMAND** for a “Complete Street” approach to infrastructure development.
Neighborhood Planning / Infrastructure as an Economic Development Tool:
Wendy Cooper, Senior Planner, Indianapolis DMD

Martin Luther King Jr. Street Case Study
Multi-Modal Design Guidelines

City Context

Local Context / MLK Street is a priority project
UNWA DEVELOPMENT PLAN OUTCOMES

Delivered recommendations following an intensive 4-month, 4-part collaborative process.

Provided a short-term, economically feasible development strategy for the use of available Tax Increment Finance (TIF) funds to be used within the UNWA/TIF District.

Recommended how to best allocate UNWA funds in a manner that attracts additional investment to the United Northwest Area.

Determined a short-term project specifically oriented towards implementation by the Department of Public Works.
MLK, JR. STREET

The most viable commercial corridor in the TIF district - best location for new commercial uses and businesses.

Investment in well designed infrastructure solidifies economic development opportunities in transitioning neighborhoods.

Multiple institutional and commercial “anchors” can be leveraged for new investment.

Part of the Economic Toolkit to attract private reinvestment in both the commercial corridor and ultimately in the surrounding neighborhoods.
MLK, JR. STREET

The Multi-Modal Guidelines formed the basis to begin incremental steps to assist the neighborhood embrace some of the now seemingly “progressive” ideas like bike lanes, bike parking, etc.
MLK, JR. STREET

The Multi-Modal Guidelines are a tool to develop well designed infrastructure to demonstrate the City’s commitment to attract economic development investment.
Phased Implementation:
Warner Anderson, Engineering Division, Indianapolis DPW

Martin Luther King Jr. Street Case Study
MLK, JR. STREET

DPW had funds for a road reconstruction project

Partnered with DMD to enhance the road reconstruction to meet neighborhood goals

Consultant prepared a phased approach to achieving long term vision
Existing Cross Section
Multi-Modal Design Guidelines

Final Phase Proposed Cross Section
Multi-Modal Design Guidelines

Phase One Cross Section
Multi-Modal Design Guidelines

Resulting Phase One Street Reconstruction / New Striping Plan

- On-street parking to support businesses
- Middle Turn Lane
Gateway Intersection at 30th Street

Transition from interstate exit to traffic calmed street section

Pedestrian connections
Landscape enhancements
Wayfinding Signage
MLK 30th Street Gateway

Gateway Intersection at 30th Street

Transition from interstate exit to traffic calmed street section

Pedestrian connections
Landscape enhancements
Wayfinding Signage
Thank You!!
Questions / Comments?

For more information and to download a copy of the Multi-Modal Design Guidelines go to:

www.indympo.org/plans/multi-modal.htm