PURPOSE & NEED

• Provide relevant information in one reference guide

• Make it easier for planners and engineers to incorporate bus stops in designs

• Assist the Greater Memphis region in prioritizing infrastructure investment

• Reduce missed opportunities for improvement
VALUE OF BUS STOP GUIDELINES

DESIGN

• Transit needs are taken into account early in design of roadway projects
• Investments can more easily be made by private developers
• Prioritizing transit agency investments as stand-alone projects
• Cost estimates for improvements

Branding

• Unify branding
• Standardize designs
## VALUE OF BUS STOP GUIDELINES

### ADA/Ped/Bike
- Satisfy ADA and other requirements
- Improve accessibility for those with disabilities
- Integrate transit with pedestrians and bicyclists

### Service
- Improve amenities
- Enhance customer experience
- Attract transit ridership – bus stops are “front door” of transit system

### Operations
- Stop spacing
- Location
- Length
WORK PLAN

- Memphis MPO led project
  - Strong collaboration with MATA
- Started in April 2016
- Completion by end 2016
- Nelson\Nygaard as lead consultant
  - HDR
  - ACOT Associates
TASKS

- Document review – **Complete**
- Peer Review- **Complete**
- Classifying bus stops- **Complete**
- Find Examples- **Complete**
- Outreach
  - Stakeholder Meetings
  - Public Survey
  - ETC & TPB
- Draft Manual- **December 2016**
- Final Manual- **Early 2017**
OUTLINE OF FINAL GUIDE

Chapter 1 - Introduction
Purpose and Need
Overview of Remaining Chapters
Review of Existing Documents
Stakeholder Input

Chapter 2 - Stop Siting/Footprint
Choosing Locations
Far-side, Near-side, Mid-block
High or Low Boarding Volume
Stop Spacing
Special Cases

Chapter 3 - Additional Preliminary Design Info
Stops after Bus Turns
Opportunities for Bus Lanes
Transit Signal Priority
Bus Turnouts
Curb Extensions
Superstop Locations

Chapter 4 - Bus Stop Elements
Shelters/Benches
Trash Receptacles
Signs/Maps/Info
Lighting
Bike Parking and Repair
Fare Machines
Art
Pavement Markings
Protective Bollards

Chapter 5 - Other Related Topics
System Branding
Mitigation during Construction
Role of Abutters
Path of Travel
Conditions
Connectivity
Parking Enforcement
Public Involvement
Placemaking

Chapter 6 - Prioritizing Investments
Funding and Costs
Stop Inventory
Evaluation System
Ridership
Key Corridors
Conditions
Demographics
Transit Service

Chapter 7 - Ongoing Procedures
Living Document
Info Maintenance
Physical Maintenance
Coordination with Roadway and Development Projects

Appendices
## Contact Information:

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