BUS STOP GUIDELINES

ENGINEERING AND TECHNICAL COMMITTEE, MEMPHIS MPO

NOVEMBER 3, 2016

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

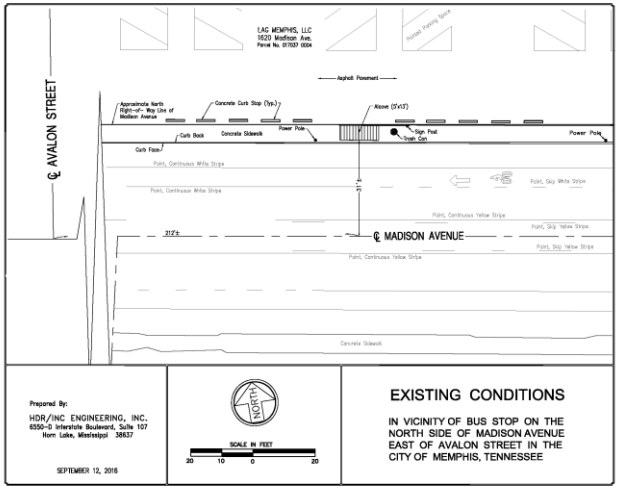
- Stop spacing
- Location
- Length

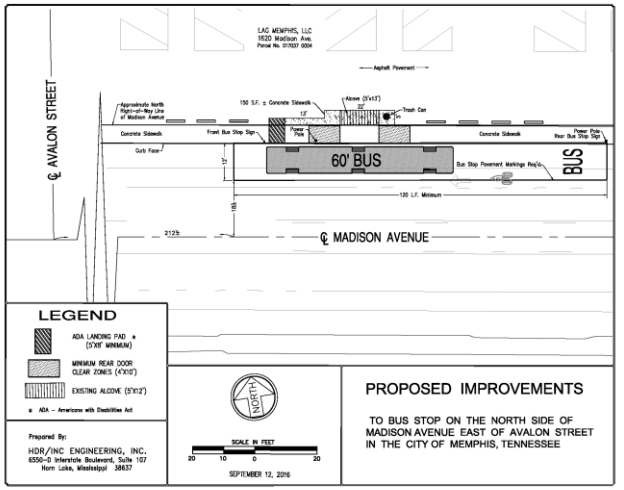
WORK PLAN

- 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

QUESTIONS?

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