

IMPLEMENTING COMPLETE STREET IN MEMPHIS, TN

Livable Memphis

A Program of the Community Development Council
of Greater Memphis



AGENDA

- Livable Memphis' Role
- Getting to Complete Streets
- Memphis Complete Streets Project Delivery Manual
- Next Steps



LIVABLE MEMPHIS' ROLE

- Our mission
 - Neighborhood revitalization
 - Transportation access
 - Placemaking
- Advocacy, policy, and outreach
 - Updated ordinances
 - Innovative design
 - Transit access
- Streets as places

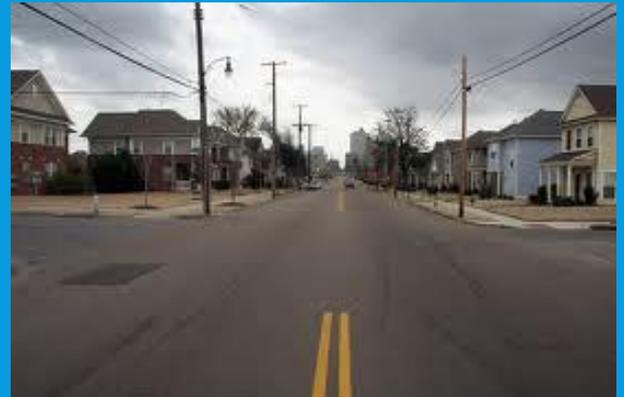


STREETS AS PLACES



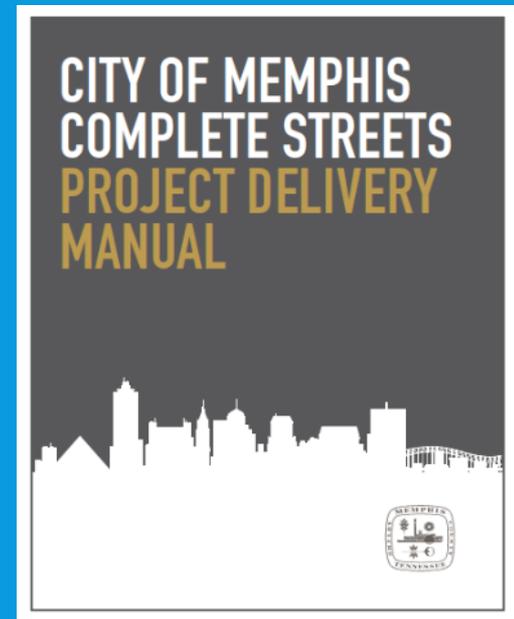
GETTING TO COMPLETE STREETS

- Soft approach to Complete Streets
- Challenges to Complete Streets
 - Design
 - Funding
 - Jurisdiction
 - Politics
 - “The Process”
 - Public Support

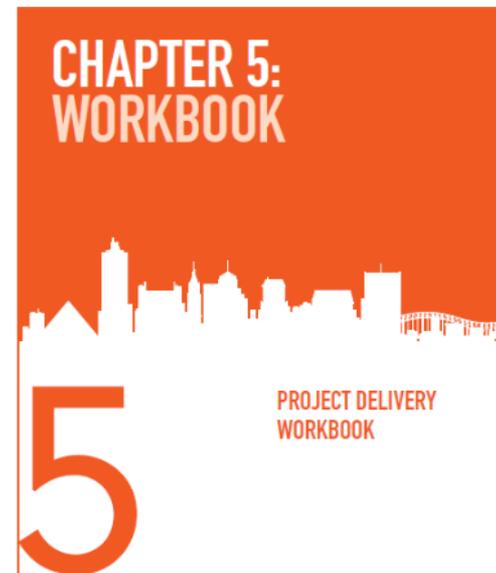
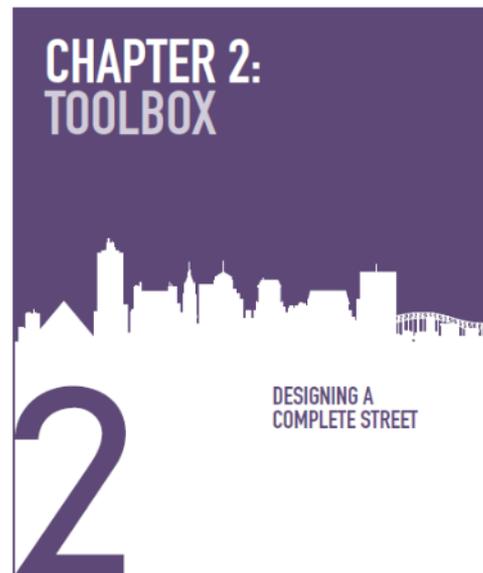
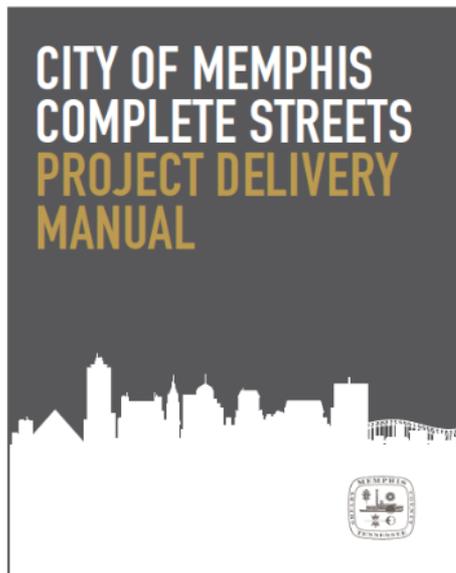


CHALLENGES TO COMPLETE STREETS

- Mid-South Complete Streets Coalition
- Mayor's Executive Order
- Project Delivery Manual
 - Policy Development Team
 - Active Transportation Alliance
 - Livable Memphis
 - Mid-South Regional Greenprint

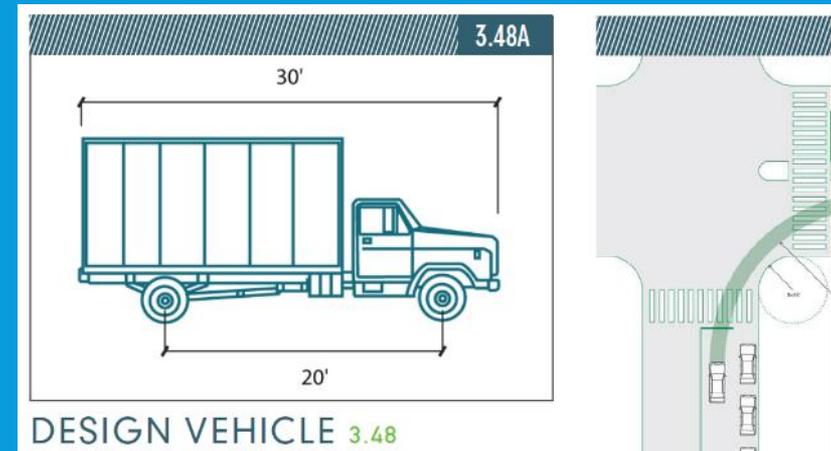
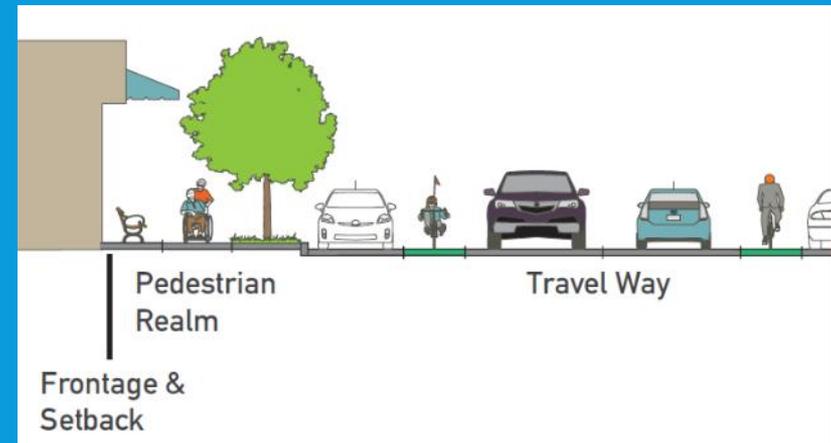


MEMPHIS COMPLETE STREETS PROJECT DELIVERY MANUAL



THE PROJECT DELIVERY MANUAL

- Design Toolbox
 - Cross Sections
 - Geometrics
 - Amenities
- Project Delivery Workbook
 - Agency Roles & Responsibilities
 - Public Engagement



THE PROJECT DELIVERY MANUAL

Design Tools

1. Land Use Context
2. Development Intensity
3. Road Typology
4. Order of Considerations
5. Cross Section
6. Adjust for Context
7. Populate Cross Section

Project Delivery Workbook

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Project Delivery Workbook

THE PROJECT DELIVERY MANUAL

- Case by Case Analysis
- Regulatory Plan

Roadway Typology



Thoroughfare

Connector

Neighborhood Street

TABLE 2A
FUNCTIONAL
CLASS

	Street Typology		
	Thoroughfare	Connector	Neighborhood Street
Arterial	■	■	
Collector		■	■
Local			■

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Project Delivery Workbook

CS PROJECT DELIVERY MANUAL

1.11

City of Memphis Order of Considerations for Travel Modes

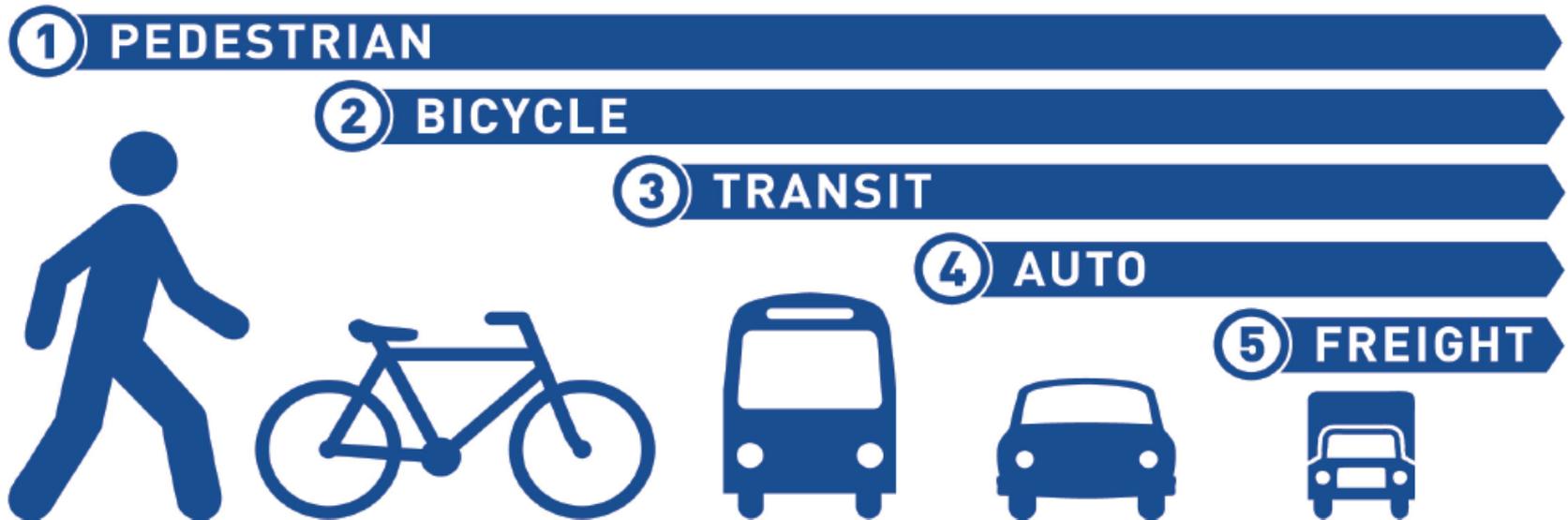


FIGURE 1.11
CITY OF MEMPHIS ORDER OF
CONSIDERATIONS FOR TRAVEL MODES

THE PROJECT DELIVERY MANUAL

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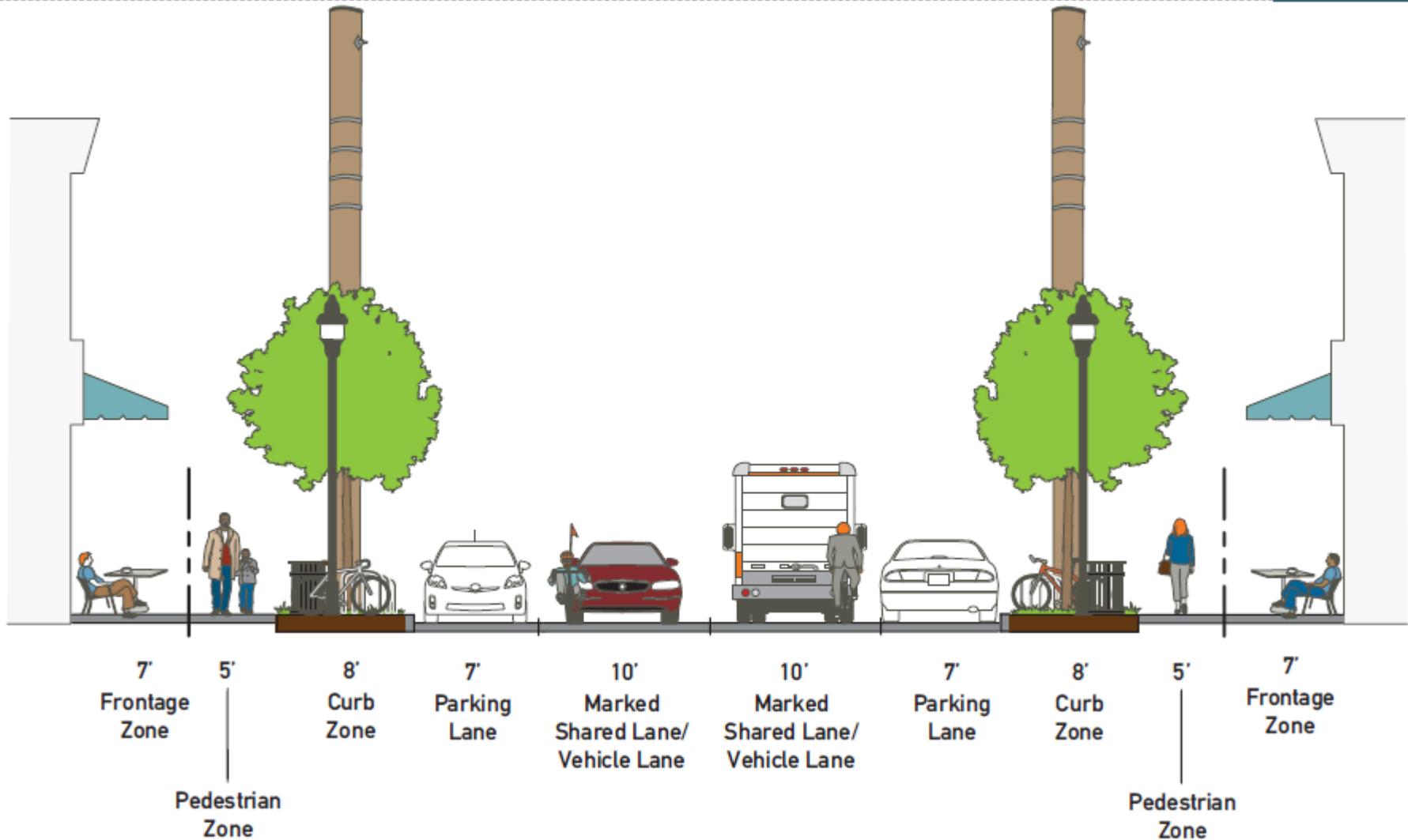
Project Delivery Workbook

THE PROJECT DELIVERY MANUAL

CONNECTOR		Order of Considerations for Travel Modes	Target Design Speed	UDC Streetscape Standards	Right-of-Way Totals						Frontage & Setback		Pedestrian Realm		Travel Way											
Land Use Context Zones					Curb to Curb Standard	Pedestrian Realm Total	Travel Way Realm Total		Total Public	Building Setback	Frontage	Pedestrian Zone	Curb Zone	Gutter Pan	Parking Lane Requirement	Parking Lane Width	Parking Lane Count	Bikeway	Bikeway Type	Vehicle Lane Width		Vehicle Lane Count	Median / Turn Lane Width	Median Count		
Density Intensity	Residential Districts	Order of Considerations	MPH	UDC Streetscape Plates	(feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Min. (feet)	(feet)	Requirement?	Min. (feet)	Count	Min. (feet)	Type	Min. (feet)	Max. (feet)	Count	Min. (feet)	Count		
	Residential – Estate (RE)	Walk, Bike, Transit, Auto, Freight	30	Plates S13-S15	36-48	24	36	36	60	60	96	50	0	5	4.5	2	(optional)	8	2	6	Bike Lanes	10	11	2	8 (optional)	1
	Residential Single-Family – 15 (R-15) Residential Single-Family – 10 (R-10) Residential Single-Family – 8 (R-8)	Walk, Bike, Transit, Auto, Freight	30	Plates S13-S15	36-48	24	36	36	60	60	96	15-30	0	5	4.5	2	(optional)	8	2	6	Bike Lanes	10	11	2	8 (optional)	1
	Residential Single-Family – 6 (R-6) Residential Single-Family – 3 (R-3)	Walk, Bike, Transit, Auto, Freight	30	Plates S13-S15	36-48	24	36	36	60	60	96	15-20	0	5	4.5	2	(optional)	8	2	6	Bike Lanes	10	11	2	8 (optional)	1
	Residential Urban – 1 (RU-1) Residential Urban – 2 (RU-2) Residential Urban – 3 (RU-3)	Walk, Bike, Transit, Auto, Freight	25	Plates S13-S15	36-48	24	36	36	60	60	96	15-20	0	5	4.5	2	(optional)	8	2	6	Bike Lanes	10	11	2	8 (optional)	1
	Residential Urban – 4 (RU-4) Residential Urban – 5 (RU-5)	Walk, Bike, Transit, Auto, Freight	25	Plates S13-S15	36-48	24	36	36	60	60	96	2-20	0	5	4.5	2	(optional)	8	2	6	Bike Lanes	10	11	2	8 (optional)	1
Density Intensity	Mixed Use Districts	Order of Considerations	MPH	UDC Streetscape Plates	(feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Min. (feet)	(feet)	Requirement?	Min. (feet)	Count	Min. (feet)	Type	Min. (feet)	Max. (feet)	Count	Min. (feet)	Count		
	Office General (OG)	Walk, Bike, Transit, Auto, Freight	30	Plates S1-S15	36-48	24	40	46	51	70	91	20	0	5	4.5	2	(none)	0	0	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	10	1
	Commercial Mixed Use – 3 (CMU-3)	Walk, Bike, Transit, Auto, Freight	30	Plates S1-S15	36-48	24	40	36	67	60	107	20	2	5	4.5	2	(optional)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	8 (optional)	1
	Campus Master Plan (CMP-2)	Walk, Bike, Transit, Auto, Freight	25	Plates S1-S15	36-48	24	40	36	67	60	107	20	0	5	4.5	2	(optional)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	8 (optional)	1
	Commercial Mixed Use – 2 (CMU-2)	Walk, Bike, Transit, Auto, Freight	30	Plates S1-S15	36-48	24	40	36	67	60	107	20	0	5	4.5	2	(optional)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	8 (optional)	1
	Residential Work (RW) Commercial Mixed Use – 1 (CMU-1)	Walk, Bike, Transit, Auto, Freight	30	Plates S1-S4	36-48	26	36	48	67	74	103	20	2	5	8	2	(required)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	8 (optional)	1
	Campus Master Plan (CMP-1)	Walk, Bike, Transit, Auto, Freight	25	Plates S1-S4	36-48	26	36	48	67	74	103	20	2	5	8	2	(required)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	8 (optional)	1
	Central Business District (CBD)	Walk, Bike, Transit, Auto, Freight	25	Plates S1-S4	36-48	26	36	48	67	74	103	0	2	5	8	2	(required)	8	2	Bike Lane, 6 Cycle Track, 8	Bike Lanes or Cycle Tracks	10	11	2	10 (optional)	1
Density Intensity	Industrial Districts	Order of Considerations	MPH	UDC Streetscape Plates	(feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Max. (feet)	Min. (feet)	Min. (feet)	(feet)	Requirement?	Min. (feet)	Count	Min. (feet)	Type	Min. (feet)	Max. (feet)	Count	Min. (feet)	Count		
	Employment (EMP) (office parks)	Walk, Bike, Transit, Auto, Freight	35	Plates S1-S15	36-48	24	40	46	50	70	90	30	0	5	4.5	2	(none)	0	0	8	Cycle Tracks or Buffered Bike Lanes	10	11	2	10	1
	Warehouse & Distribution (WD) Heavy Industrial (IH) Designated Truck Routes	Walk, Auto, Freight, Bike, Transit	35	Plates S1-S15	36-48	24	40	50	52	74	92	30	0	5	4.5	2	(none)	0	0	8	Cycle Tracks or Buffered Bike Lanes	12	12	2	10	1

THE PROJECT DELIVERY MANUAL

2.1



THE PROJECT DELIVERY MANUAL

Design Tools

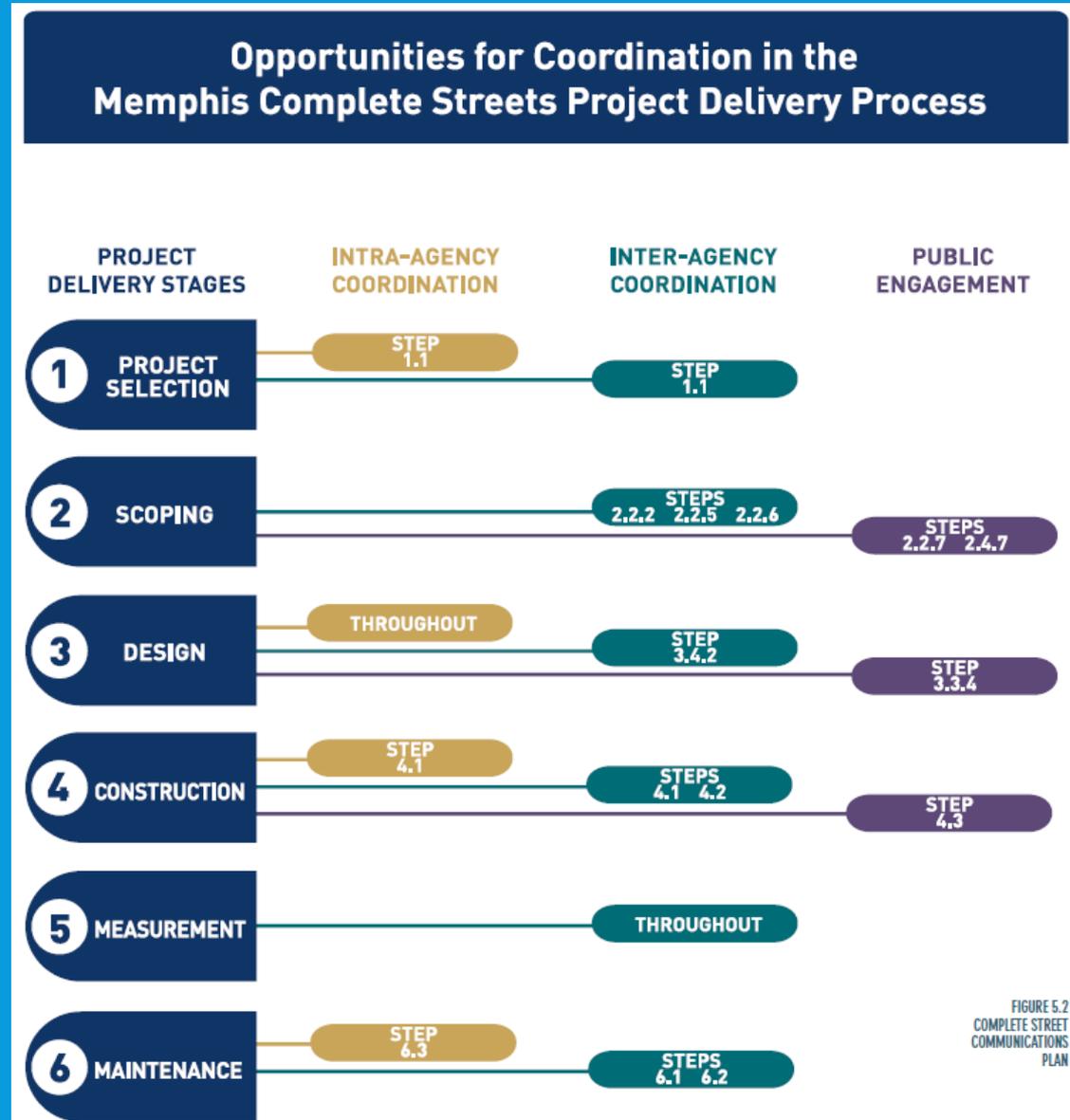
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Project Delivery Workbook

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Workbook Objectives

- Establish a Routine Process
- Bolster Internal & External Communications
- Document Decision Making Process



THANKS FOR YOUR TIME!

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