

ACTIVE TRANSPORTATION ADVISORY COMMITTEE

Memphis MPO

October 10, 2017



AGENDA

- Welcome & Introductions
- TDOT Safety Initiatives ←PRESENTATION
Whitney Mason, Bicycle and Pedestrian Coordinator, TDOT Multimodal Transportation Resources Division
- Announcements and Briefings
 - Regional Bicycle and Pedestrian Report
- FY 2018 Transportation Alternatives ←PRESENTATION
- New Business

TDOT SAFETY INITIATIVES

PRESENTATION BY WHITNEY MASON
BICYCLE AND PEDESTRIAN COORDINATOR
TDOT MULTIMODAL TRANSPORTATION RESOURCES DIVISION



REGIONAL BICYCLE AND PEDESTRIAN REPORT



REGIONAL BICYCLE AND PEDESTRIAN REPORT

- Update – 2014 Regional Bicycle & Pedestrian Plan
- Short Report:
 - Jurisdiction and Agency Updates
 - Safety
 - Programmed Bike/Ped Projects (TIP)
 - Mapping
 - Other Best Practices
- Provide Update to ETC/TPB - 2018

REGIONAL BICYCLE AND PEDESTRIAN REPORT

Agency Updates

- Questionnaire sent out in August 2017
- Bicycle & Pedestrian:
 - Constructed/Planned Facilities
 - Amenities
 - Safety/Education Campaigns
 - Programming/Events
 - Coordinator
 - Planning Document



2017 Bicycle and Pedestrian Improvements Questionnaire Memphis MPO Jurisdictions

7. Since 2014, has your jurisdiction installed any new **bicycle and/or pedestrian amenities** (e.g. bicycle racks, benches, bicycle parking, way-finding signage etc.)? If yes, please describe:

Signage, benches, and parking inside Shelby Farms Park as

- Upload any pictures you

8. Are there any projects that have been utilizing local and/or prior Improvement Program (TIP)? If

Yes. The Shelby Farms Heart of the Park
A new connection to the Greenline at Park

9. Does your jurisdiction have an A
Yes No

- If no, is this something you are planning for?
➤ When do you

10. Please list the contact information if different than the contact provided

Brenda Greene, [brenda.greene](mailto:brenda.greene@shelbycountymemo.gov)

Please let us know if there is any other pedestrian infrastructure and/or planned

[Empty text box for additional information]



2017 Bicycle and Pedestrian Improvements Questionnaire Memphis MPO Jurisdictions

The Memphis MPO is seeking your input and assistance on bicycle and pedestrian improvements that have been made in your community since the adoption of the Memphis MPO Regional Bicycle and Pedestrian Plan in November 2014. MPO staff is compiling bicycle and pedestrian updates, in the format of a short Bicycle and Pedestrian Report and the information provided will be included as part of a "Jurisdictional/Agency" section. We understand that Bicycle and Pedestrian efforts will differ from one community to another, depending on the size of the jurisdiction, funding opportunities, and other available resources. When answering the questionnaire please keep in mind any **significant** strides that your community has made pertaining to bicycle and pedestrian planning, programming, and implementation since the MPO's Regional Bicycle and Pedestrian Plan was adopted in November 2014.

Additionally, please share pictures of any newly marked bicycle lanes, greenways/trails, bicycle and pedestrian signage, bicycle racks, etc. in your community. Links have been provided in the questionnaire to upload pictures to a Dropbox folder. Pictures may be used as part of the Bicycle and Pedestrian Report or in other MPO documents/plans. Please include your jurisdiction's name in the labeling of the image. For Example: 01: City of Memphis_Bike Lane

Questionnaire:

1. Does your jurisdiction have a Complete Streets Policy? Yes No
 - If yes, when was the policy adopted: _____
 - If no, is this something that you are considering? Yes No
2. Does your jurisdiction have a document in place that helps guide bicycle and pedestrian planning? Yes No
 - If yes, when was the plan/document adopted: 08/10/10
 - If no, is this something that you are planning for? Yes No
3. Has your jurisdiction held any bicycle and pedestrian public safety/education campaigns, encouragement efforts, or Bicycle/Pedestrian month events? Yes No
 - If yes, please list the events and time period. If you found some to be more successful than others please let us know that as well:

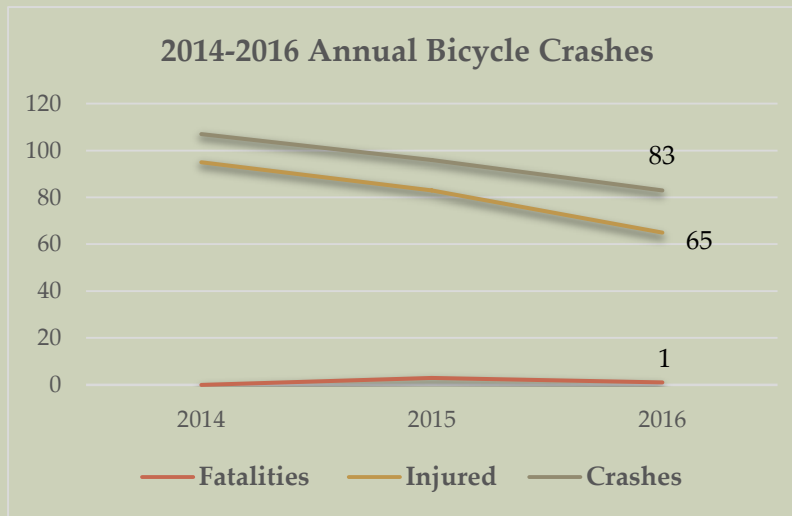
Shelby County had an animation video created to assist the public in understanding the Greenline Crossing at Germantown Road. The video was published in February 2016 prior to the opening of the Greenline in June 2016.

Shelby Farms Park Conservancy has a contract with Shelby County to operate the Shelby Farms Park and they host events at the Park to promote bicycle/pedestrian usage and safety.
4. Does your jurisdiction have a point person solely in charge of managing bicycle and pedestrian programs? Yes No
 - If yes, what percentage of his/her time is spent working on this: _____
 - Contact information (Name, Email Address, Phone Number): _____

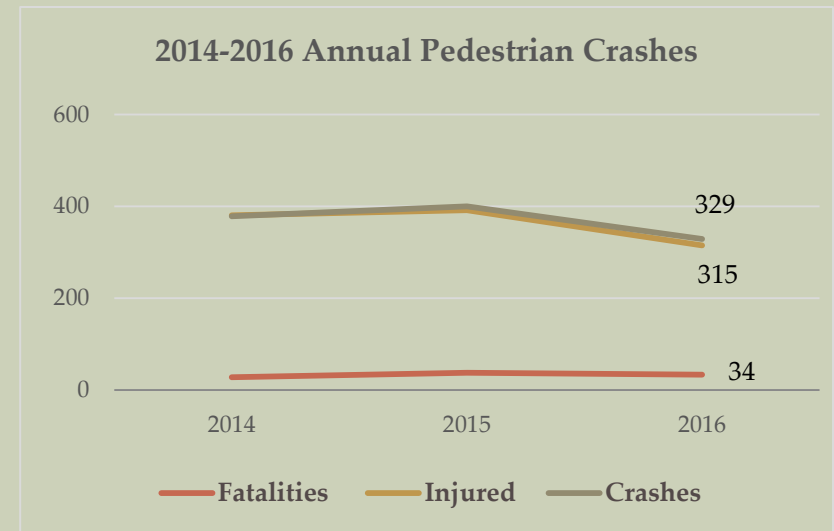
REGIONAL BICYCLE AND PEDESTRIAN REPORT

Safety

- Crash Data Analysis (2014-2017)
 - 2014-2017 Bicycle and Pedestrian Crash Events in MPO Region
 - Highest Crash Corridors and Intersections
 - Annual Crashes (total fatalities and total injured)
 - Crash Events by Time of Day, Week, and Month



Source: TN Department of Transportation & MS Department of Transportation



Source: TN Department of Transportation & MS Department of Transportation

REGIONAL BICYCLE AND PEDESTRIAN REPORT

Safety

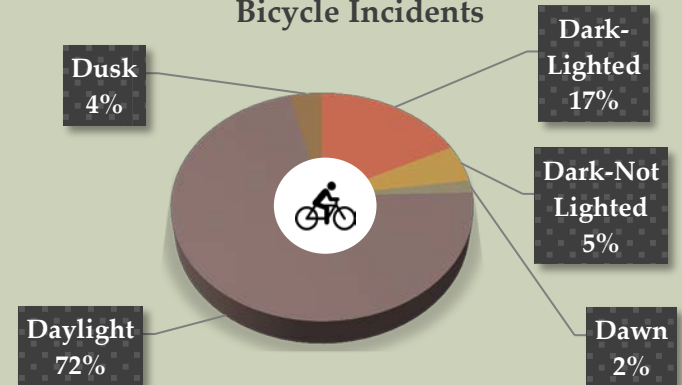
- Crash Data Analysis
 - Crash Events by Severity
 - Crash Events by Weather Condition
 - Crash Events by Location (roadways/intersections)

2014-2016 Crash Events by Severity

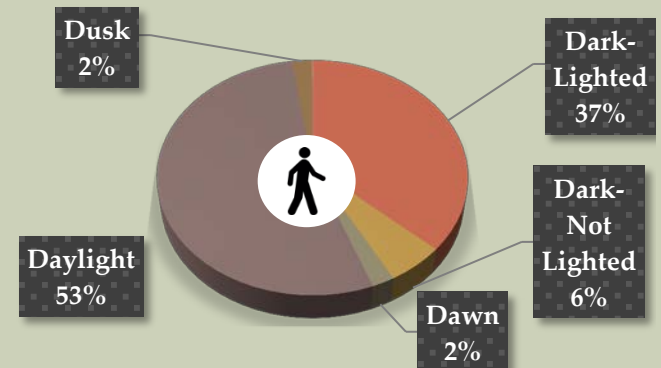
Crash Severity	Bike	Ped
No Injury	43	80
Non-Incapacitating Injury	97	340
Possible Injury	117	407
Incapacitating Injury	23	178
Fatal Injury	5	90
Unknown	9	12

Source: TN Department of Transportation & MS Department of Transportation

2014-2016 Light Conditions at the Time of Bicycle Incidents



2014-2016 Light Conditions at the Time of Pedestrian Incidents



Source: TN Department of Transportation & MS Department of Transportation

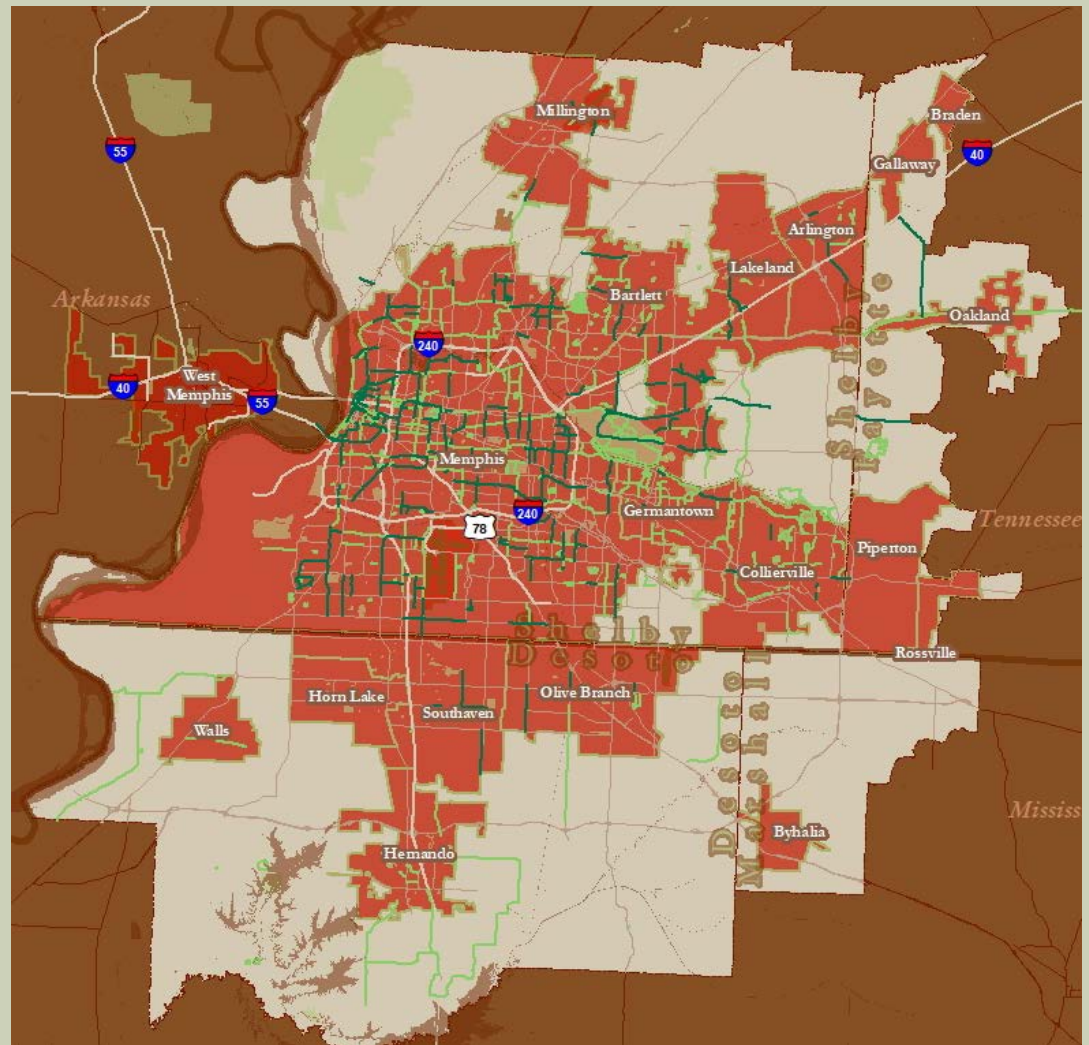
REGIONAL BICYCLE AND PEDESTRIAN REPORT

Mapping

- Bicycle & Pedestrian Facilities:
- Existing & Programmed (TIP)
 - Bike Lanes
 - Cycle Tracks
 - Shared-Use Path
 - Paved Shoulder
 - Marked Shared-Roadway
- Updates to Webmap

Legend:

- Existing
- Programmed



FY 2018 TRANSPORTATION ALTERNATIVES



TRANSPORTATION ALTERNATIVES- APPLICATIONS SUMMARY

- **16 Applications received –Tennessee (15) & Mississippi (1)**

- City of Memphis 6
- MATA 4
- Germantown 1
- Bartlett 1
- Millington 1
- Shelby County 1
- Collierville 1 Desoto County 1

Total 16

- FY 2018 \$1,045,712 available federal funds for TN and \$206,679 for MS

TRANSPORTATION ALTERNATIVES CRITERIA

Benefits to Active Transportation	20 points
Safety	20 points
Congestion Reduction	20 points
Environmental Sustainability	17 points
Economic Vitality	15 points
Infrastructure Condition	8 points
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TOTAL	100 points
Overmatch Bonus Points	10 points
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Grand Total	110 points

TRANSPORTATION ALTERNATIVES: ALLOCATION/OBLIGATION BREAKDOWN

FY 2013-2014 TAP Project Applications

Project Agency	Project Name	Year Awarded	Allocation Amount	Obligation Amount
Collierville	Collierville Center Connect Phase 2	2013	\$880,000	\$0
Memphis	MS Blvd. Signalized Pedestrian Crossing	2013	\$130,000	\$56,052
Memphis	Wolf River Greenway Phase 5	2013	\$271,305	\$271,305
Memphis	Ball Road Sidewalks	2013	\$250,000	\$226,000
Germantown	Germantown Greenway Trail	2013	\$271,304	\$271,304
Memphis	Hanley ES School Safety	2013	\$120,000	\$54,852
MATA	Bus Bike Rack Replacement	2013	\$55,845	\$36,000
Memphis	Dunbar ES School Safety	2013	\$100,000	\$54,452
Memphis	Central Library Pedestrian Access	2013	\$75,000	\$75,000
Memphis	Range Line Road Sidewalks	2013	\$179,000	\$117,548
Total			\$2,332,454	\$1,087,513 (47%)

FY 2015 TA Project Applications

Memphis	Macon Road Sidewalk Improvements	2015	\$640,000	\$28,000
Memphis	Westmont Street Sidewalk Improvements	2015	\$268,000	\$0
Memphis	Chiswood Street Pedestrian Safety	2015	\$266,992	\$40,000
Total			\$1,174,992	\$68,000 (6%)

Note: TA funds have obligation term of 3 years, after that the funds expire

TRANSPORTATION ALTERNATIVES: ALLOCATION/OBLIGATION BREAKDOWN

FY 2016-2017 TA Project Applications

Project Agency	Project Name	Year Awarded	Allocation Amount	Obligation Amount
Bartlett	Bartlett ADA Transition Plan	2016	\$120,000	\$120,000
Lakeland	Canada Road Pedestrian and Bike Trail Improvements	2016	\$380,280	\$9,880
MATA	Crosstown Corridor Superstop	2016	\$400,000	\$0
Memphis	Bicycle Access to Transit Project	2016	\$120,000	\$0
Memphis	CBU Pedestrian Access Improvements	2016	\$600,000	\$0
Memphis	Shelby Farm Greenline Crossing Enhancements	2016	\$340,200	\$0
MATA	Kirby Parkway and Timber Trail Crossing Update	2016	\$176,000	\$0
Memphis	Mullins Station Road Pedestrian Improvements	2016	\$85,280	\$0
Rossville	Town of Rossville Greenbelt	2016	\$175,748	\$2,000
<u>Total</u>			\$2,397,508	\$131,880 (6%)

Note: TA funds have obligation term of 3 years, after that the funds expire

FY 2018 TRANSPORTATION ALTERNATIVES – FULL RANKING

Project Name	Sponsor	Score	Federal \$ Requested
TENNESSEE			
North Parkway & Watkins St Off-Street Connection	Memphis	84	\$80,000
Great Streets Downtown Corridor Planning & Design	Memphis	82	\$320,000
Transit Stop Enhancements: Park Ave & Getwell Rd	MATA	80	\$156,904
Transit Stop Enhancements: James Rd & Old Austin Peay	MATA	80	\$100,544
Shelby County ADA Transition Plan	Shelby County	79	\$480,000
Transit Stop Enhancements: Elvis Presley Blvd & Norris Rd	MATA	79	\$121,320
Transit Stop Enhancements: Poplar Ave & Danny Thomas	MATA	76	\$135,440
Germantown ADA Transition Plan	Germantown	71	\$280,000
Mullins Station Rd Pedestrian Improvements	Memphis	71	\$66,976
Egypt Central Road Pedestrian Improvements	Memphis	67	\$46,800
Collierville ADA Transition Plan	Collierville	61	\$304,000
Riverside Drive Crossings	Memphis	60	\$188,800
Fletcher Creek Greenway Phase III	Bartlett	59	\$260,000
Trinity Rd & North Ericson Rd Crossing	Memphis	59	\$28,000
Millington ADA Transition Plan	Millington	57	\$240,000
Total Federal Funds Requested			\$2,808,784
			Shortfall (\$1,763,072)
MISSISSIPPI			
Lewisburg School/Craft Road Intersection Improvements and Sidewalks	Desoto County	54	\$198,400
Total Federal Funds Requested			\$198,400
Remaining Balance			\$8,280

TRANSPORTATION ALTERNATIVES RECOMMENDED AWARDS

Project Name	Sponsor	Score	Federal \$ Awarded
Tennessee			
North Parkway & Watkins St Off-Street Connection	Memphis	84	\$80,000
Great Streets Downtown Corridor Planning & Design	Memphis	82	\$115,712
Shelby County ADA Transition Plan	Shelby County	79	\$300,000
Transit Stop Enhancements (4 Locations)	MATA	79	\$40,000
Germantown ADA Transition Plan	Germantown	71	\$140,000
Mullins Station Rd Pedestrian Improvements	Memphis	71	\$40,000
Collierville ADA Transition Plan	Collierville	61	\$150,000
Fletcher Creek Greenway Phase III	Bartlett	59	\$80,000
Millington ADA Transition Plan	Millington	57	\$100,000
Egypt Central Road Pedestrian Improvements	Memphis	67	
Riverside Drive Crossings	Memphis	60	
Trinity Rd & North Ericson Rd Crossing	Memphis	59	
Total Funds			\$1,045,712.00
Mississippi			
Lewisburg School/Craft Road Intersection Improvements and Sidewalks	Desoto County	54	\$198,400

TRANSPORTATION ALTERNATIVES – GROUPING FINAL RECOMMENDATION

Bicycle/Pedestrian Projects

Project Name	Sponsor	Score	Federal \$ Awarded
North Parkway and Watkins St. Off Street Connection	Memphis	84	\$ 80,000
Great Streets Downtown Corridor Planning and Design	Memphis	82	\$ 115,712
Mullins Station Rd. Pedestrian Improvements	Memphis	71	\$40,000
Bartlett Fletcher Greenway Phase 3	Bartlett	59	\$80,000
Total Funds			\$315,712

Transit Projects

Project Name	Sponsor	Score	Federal \$ Awarded
Transit Stop Enhancements (4 projects): PE-N	MATA	79	\$40,000
Total Funds			\$40,000

TRANSPORTATION ALTERNATIVES – GROUPING FINAL RECOMMENDATION

ADA Transition Plans

Project Name	Sponsor	Score	Federal \$ Awarded
Shelby County ADA Transition Plan	Shelby County	79	\$ 300,000
Germantown ADA Transition Plan	Germantown	71	\$ 140,000
Collierville ADA Transition Plan	Collierville	61	\$ 150,000
Millington ADA Transition Plan	Millington	57	\$ 100,000
Total Funds			\$690,000

**Grouping Total Amounts (TN): \$315,712+ \$40,000
+ \$690,000= \$1,045,712
(Balance: \$0)**

NEXT STEPS

- Bicycle/Pedestrian Report – Early 2018
- Board Approval for FY 2018 Projects – November 2017
- Next ATAC Meeting

2018 ATAC MEETING CALENDAR

- Next Meeting
- Upcoming 2018 ATAC Meetings – Via Email
 - Meeting Location
 - Benjamin L. Hooks Central Library
 - 3030 Poplar Avenue, Memphis
 - Conference Room A

