

2018 COMPLETE STREETS UPDATE



MOVING FROM POLICY TO PRACTICE

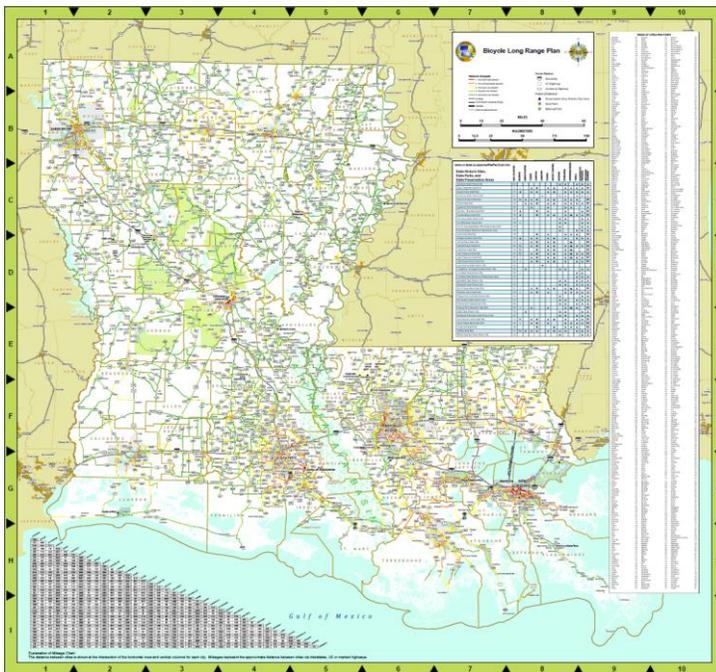
Agency-wide Complete Streets Training developed and to be required in 2018.

FHWA's Every Day Counts: Safe Transportation for Every Pedestrian (EDC-STEP) workshop held to review DOTD's policies & processes by national experts.

STRATEGIC INVESTMENTS

Statewide Bicycle Planning Tool

LA 73/Government Street was identified as a high priority route and construction has begun.



ADA Transition Plan

Identifies high-priority routes for ADA compliance needs.

Local Initiatives

Bike share has successfully launched in New Orleans!
Baton Rouge is expected to follow with a launch tentatively scheduled for 2018.

SAFETY



RESEARCH

Pedestrians/Bicyclists Count!

Final report will be available on Louisiana Transportation Research Center's website.

Pedestrian Crossings on High-Speed Urban Arterials

Project Research Committee has met to discuss scope and will be kicking off the project in 2018.



LA 73/ Government Street Road Diet Groundbreaking Ceremony



LOCAL BICYCLE & PEDESTRIAN PLANS

New Orleans Bicycle & Pedestrian Safety Action Plan

Alexandria/Pineville Metropolitan Area Bicycle & Ped Plan

Bossier City Comprehensive Plan

Baton Rouge Bicycle & Pedestrian Master + Safety Action Plan
in progress

Bayou Lafourche Multi-use Trail Plan

St. Charles Parish Pedestrian & Bicycle Master Plan *expected completion in 2018

Shreveport-Caddo Bicycle & Pedestrian Master Plan

St. Bernard Parish Bikeway & Pedestrian Plan

Hammond Bicycle Master Plan

Lake Charles Bike & Pedestrian Master Plan

Lafayette Bike & Pedestrian Master Plan

Jefferson Parish Master Bicycle Plan

Houma/Thibodeaux MPO Regional Bicycle & Pedestrian Plan

OUTREACH AND EDUCATION



Safe Streets for Everyone

NORPC's transportation education & awareness data-driven safety initiative launched a media campaign encouraging all transportation users to follow the rules of the road.

Pedestrian & Bicycle Safety Emphasis Areas

Both New Orleans Regional Transportation Safety Coalition and Capital Region Transportation Safety Coalition hold quarterly Bicycle + Pedestrian emphasis area meetings to help coordinate efforts with local stakeholders.



New Orleans is gearing up to host the 20th Walk/Bike/Places conference, the premier conference in North America for walking and bicycling professionals from the public and private sectors.

Safe Routes

Safe Routes to Public Places



Funded by the Highway Safety Improvement Program, projects are focused on improving safety for cyclists and pedestrians near schools, libraries, parks and other public places.

21 Applications received in 2017 cycle; 16 awarded

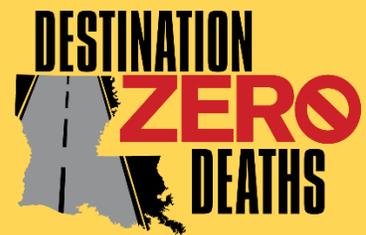
2018 project application cycle is open until April 20, 2018.

ATTACHMENTS

2018 Performance Measure Update

CSAC Resolution

Documents, Data & Demographics



2018 COMPLETE STREETS PERFORMANCE MEASURE UPDATE

Goal #1: Safely and efficiently accommodate all road users (motorists and non-motorists such as, but not limited to, pedestrians, transit users, and bicyclists of all ages and abilities).

Objective	Performance Measure	Measure	2017/Baseline
Increase the integration of the Complete Streets Policy that is included in DOTD's EDSM into applicable documents & training by Dec. 31, 2020.	# and type of documents where policy was implemented	Count & ID of documents	8
	# and type of trainings conducted on Complete Streets policy	Count and characterize training	8
	# of DOTD staff trained on implementation of Complete Streets policy	Count	44
	# of consultants trained on implementation of Complete Streets policy	Count	31
Reduce non-motorized user fatalities and serious injuries by 50% by 2030 from 2011 levels (based on 2011 SHSP).	# of pedestrian fatalities	Count, 2016 data	127
	# of pedestrian serious injuries	Count, 2016 data	154
	# of bicyclist fatalities	Count, 2016 data	21

	# of bicyclist serious injuries	Count, 2016 data		46
Accommodate bicyclists on Priority 1 (high demand, poor LOS) routes as identified in the Statewide Bicycle Planning Tool through standalone or current programmed projects on an annual basis as available financial resources permit.	# and type of routes where improvements are made	Count, projects let in 2017, state routes	3	1 Urban Collector 1 Urban Principal Arterial 1 Intersection
	# and type of improvements that are implemented	Count, projects let in 2017, state route		6.12 Miles of On-Road Bike Lane 6.68 Miles of Adjacent, Separated Bike Lane 178 Bicycle Pavement Symbols
	# of DOTD staff trained on Statewide Bicycle Planning Tool	Count		82
	# of consultants trained on Statewide Bicycle Planning Tool	Count		48
Implement DOTD's ADA transition plan based on the projects identified in DOTD's priority program.	# of routes where ADA transition plan is implemented	Count, projects let in 2017 that included improvements at locations listed on the transition plan		23
	# of problems/deficiencies in design corrected	Count, deficiencies corrected by projects let in 2017		2,887

Goal #2: Create a network that balances integration of context sensitivity, access and mobility for all road users.

Objective	Performance Measure	Measure	2017/Baseline
Annually reduce the state highway mileage that does not meet Complete Streets criteria located in areas with existing or reasonably foreseeable future development or transit service.	# and type of improvements implemented	Count & characterize, projects let in 2017, includes local road projects	1005 Handicapped Curb Ramps, 7.4 Miles of Bike Lanes, 14.5 Miles of Sidewalk, 17.5 Miles of Multi-Use Path, 222 Bicycle Pavement Symbols, 67 Pedestrian Push Buttons, 70 LED Pedestrian Countdown Signal Heads, 58 Detectable Warning System Retrofits for Curb Ramps 1 Pedestrian Bridge Rehabilitation
	# and type of roadways where improvements are made	Count & characterize, projects let in 2017	40 Local Roads, 16 Urban Principal Arterials, 11 Urban Minor Arterials, 7 Urban Local, 11 Urban Collector, 4 Rural Minor Arterial, 8 Rural Major Collector
	# of miles of State Highway system that do not meet Complete Streets criteria	Total State Highway System miles minus interstates & freeways, low volume (< 1000) & streets with appropriate bike, pedestrian & transit accommodations	9,035

Increase compliance with Complete Streets policies & procedures on all new, reconstruction, & preservation highway projects that serve adjacent areas with existing or reasonably foreseeable future development or transit service.

of new or reconstruction projects that incorporate Complete Streets components

Count, projects let in 2017, includes local road projects + 9 preservation projects

46

Goal #3: Provide leadership and establish exceptional partnerships with local public agencies on implementation of Louisiana's Complete Streets Policy.

Objective	Performance Measure	Measure	2017/Baseline
On a continual basis, increase the # of Complete Streets policies &/or plans in local jurisdictions (urban areas w/ pop. in excess of 5,000) & MPOs to increase, improve, & connect the network.	# of local jurisdictions with a Complete Streets policy and/or plan	Count of local jurisdictions	11
	# of MPOs with a Complete Streets policy and/or plan	Count of MPO's	4
Increase training & technical assistance for MPOs & local jurisdictions on how to develop & implement Complete Streets policies & plans.	# of MPOs and local jurisdictions that participate in training	Count of local jurisdictions & MPO's	115
	# of presentations made on developing and implementing a Complete Streets policy or plan	Count	0

Resolution

Louisiana Complete Streets Advisory Council

WHEREAS, in 2014 the Louisiana Legislature enacted legislation, now codified in Revised Statutes 48:22.1, directing the Louisiana Department of Transportation and Development (LDOTD) to adopt and maintain a Complete Streets Policy to facilitate the development of a comprehensive, integrated, connected transportation network to achieve and sustain mobility and safely accommodate pedestrians, bicyclists, and transit users; and

WHEREAS, in accordance with the statutes the LDOTD has engaged interested stakeholders through an advisory group known as the Complete Streets Advisory Council; and

WHEREAS, the Complete Streets Advisory Council was convened in 2015, established by-laws, and has met on a quarterly basis to support and guide LDOTD in fulfillment of the law; and

WHEREAS, the Complete Streets Advisory Council has worked with the LDOTD to establish goals to be incorporated into practical projects within the highway priority program; and

WHEREAS, the Complete Streets Advisory Council concurred with the adoption of the Complete Street goals by LDOTD; and

WHEREAS, the LDOTD has adopted Engineering Directives and Standards Memorandum II.2.1.14 to implement its Complete Street Policy; and

WHEREAS, the Complete Streets Advisory Council has provided input to the LDOTD to develop written progress reports submitted annually to the legislature; and

WHEREAS, on April 4, 2017 the LDOTD presented the performance measures to the Complete Streets Advisory Council, which provided input on and issued a resolution in support of the performance measures; and

WHEREAS, on March 7, 2018 the LDOTD presented the 2017 draft Legislative Report detailing the first set of baseline measures and accepted input from the Complete Streets Advisory Council.

Therefore, it is resolved that the Complete Streets Advisory Council concurs with the Legislative Report as amended, and will continue to support the implementation of the LDOTD Complete Streets Policy.

April Renard 3/8/18
April Renard, PE, PTOE, Chairman Date

Rachel DiResto 3/8/18
Rachel DiResto, Vice-Chairman Date

Louisiana Complete Streets Advisory Council

Officers

Chairman

April Renard, PE, PTOE
LDOTD

Vice-Chairman

Rachel DiResto
Center for Planning Excellence

Secretary

Lynn Maloney-Mujica, AICP
AARP

Members

Alan Krouse
Louisiana Engineering Society

Jeffrey Leuenberger, AICP
Lafourche Parish

Jennifer Ruley, PE
City of New Orleans

Mary Stringfellow
FHWA

Tara Tolford, AICP
UNO Transportation Institute

Matt Hendrickson
RIDE New Orleans

Matt Johns
Rapides Area Planning Commission

Doug Moore
Bike Baton Rouge

Tom Futrell
LA Tech University

OBJECTIVE 1.1 DOTD POLICIES DOCUMENTS FOR COMPLETE STREETS INTEGRATION

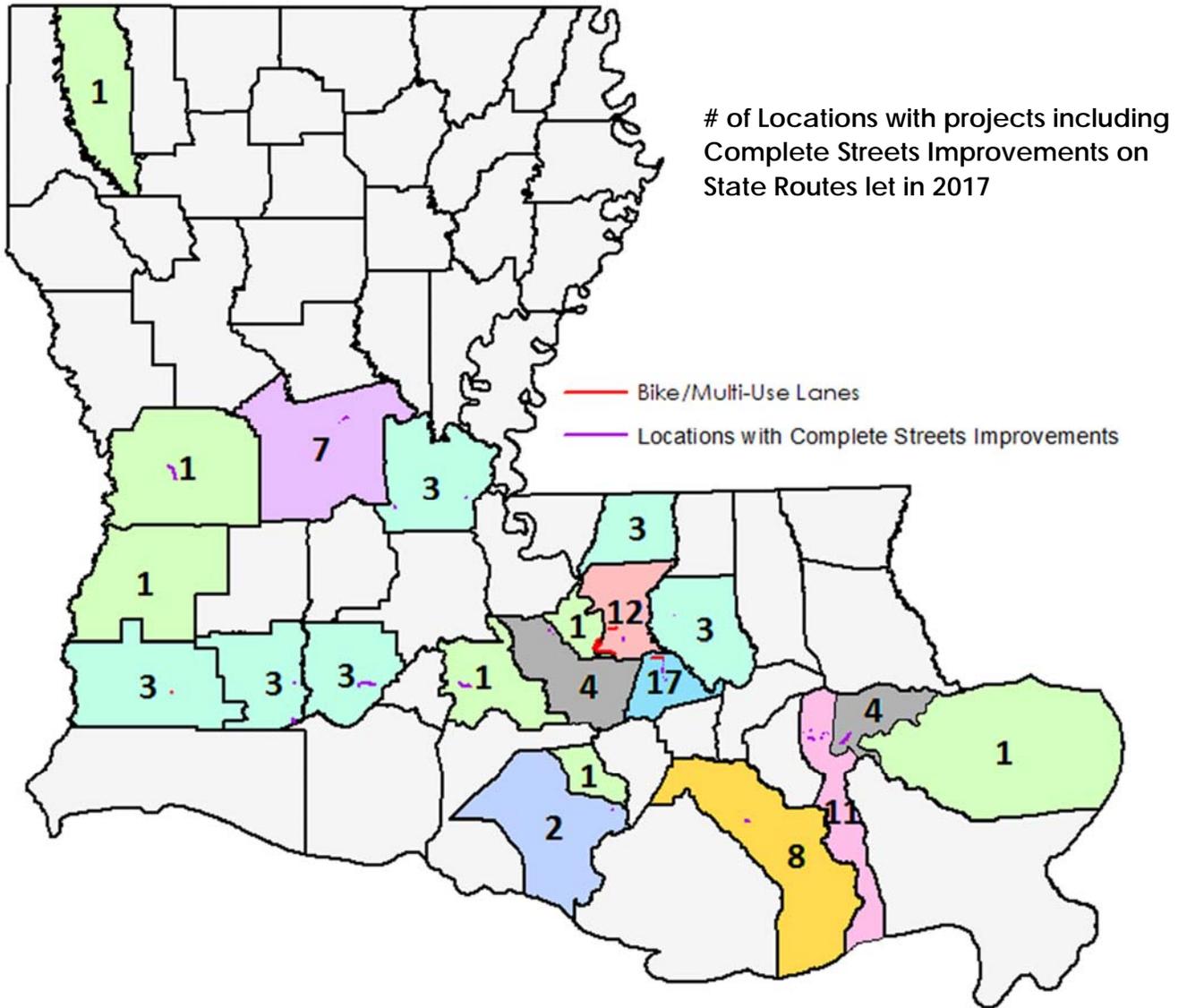
Name	Owner	Section	Revision Date	Review for Complete Streets?
Project Delivery Manual	Project Management Director	Project Management	2/2/2014	Y
Project Manager's Manual	Project Management Director	Project Management	6/7/2017	Y
Stage 0 Manual	Transportation Planning Administrator	Transportation Planning	1/25/2007	Y
Stage 0 Checklist	Transportation Planning Administrator	Transportation Planning	8/1/2012	Y
Stage 1 Environmental Manual	Environmental Engineer Administrator	Environmental	1/30/2018	N*
Stage 1 Environmental Checklist	Environmental Engineer Administrator	Environmental	2/1/2011	Y
Road Design Manual	Road Design Engineer Administrator	Road Design	7/2017	Y
Bridge Design and Evaluation Manual	Bridge Design Engineer Administrator	Bridge Design	12/31/2017	Y
Pavement Preservation Manual	Pavement Preservation Program Manager	Road Design	10/1/2010	Y
Pre-Design Conference Form	Road Design Engineer Administrator	Road Design	10/9/2015	N*
Design Report	Road Design Engineer Administrator	Road Design	2017	N*
Design Exception Form	Road Design Engineer Administrator	Road Design	9/8/2017	N*
DOTD Design Guidelines	Traffic Engineering Division Administrator	Traffic Engineering Development	3/6/2017	N*
Plan-in-Hand Checklist (Bridge)	Bridge Design Engineer Administrator	Bridge Design	3/1/2001	Y
Plan-in-Hand Checklist (Road)	Road Design Engineer Administrator	Road Design	3/1/2001	Y
Plan Constructability Biddability Review Form	Road Design Engineer Administrator	Road Design	11/3/2016	Y
Plan Constructability Review	Road Design Engineer Administrator	Road Design	8/2/2016	Y
Quality Assurance/Quality Control Forms	Road Design Engineer Administrator	Road Design	9/1/2013	Y
LPA Manual	LPA Program Director	Secretary's Office	8/14/2017	N*
Traffic Signal Manual	Traffic Engineering Division Administrator	Traffic Engineering Development	5/13/2015	Y
Traffic Engineering Manual	Traffic Engineering Division Administrator	Traffic Engineering Management	4/29/2015	Y
Construction Contract Administration Manual	Chief Construction Division Engineer	Construction	7/1/2017	Y
Road Design Procedures & Details	Road Design Engineer Administrator	Road Design	7/1/2017	Y
TAP Application Guide	TAP Program Manager	Project Management	2016	Y
TAP Application	TAP Program Manager	Project Management	2016	Y
TAP "I've Got a Project, Now What?" Manual	TAP Program Manager	Project Management	2016	Y
Standard Specifications for Roads & Bridges	Specifications and Standards Engineer	Systems	2016	Y
DOTD Hydraulics Manual	Hydraulics Engineer Administrator	Resources	2011	Y
SRTPP Manual	Highway Safety Administrator	Highway Safety	2/1/2018	N*
SRTPP Application	Highway Safety Administrator	Highway Safety	2/1/2018	Y
LRSP Manual	LRSP Program Manager	LTAP	2017	Y
LRSP Application	LRSP Program Manager	LTAP	2017	Y
HSIP Project Selection Guide	Highway Safety Administrator	Highway Safety	9/5/2017	N*
LRSP Project Selection Manual	Highway Safety Administrator	Highway Safety	12/18/2014	Y
Standard Plans/ Special Details				
DW-01	Road Design Engineer Administrator	Road Design	11/17/2017	Y
DW-02	Road Design Engineer Administrator	Road Design	11/17/2017	Y
PED-01	Road Design Engineer Administrator	Road Design	12/7/2011	N*
TSD-00 through TSD-13	Traffic Controls Engineer Manager	Development	4/12/2017	Y
Engineering Directives and Standards Manual (EDSM)s				
EDSM I.1.1.11 Data for Design of Pavement Rehabilitation and Replacement Projects	Chief Engineer	Road Design	1/28/2013	Y
EDSM II.2.1.2 Construction of At-Grade Railroad-Highway Crossings	Chief Engineer	Road Design	11/1/1979	Y
EDSM II.2.1.7 - Curb Policy	Chief Engineer	Road Design	5/24/1993	Y
EDSM II.2.1.10 - Requirements for Construction of Pedestrian Facilities	Chief Engineer	Road Design	9/30/2011	Y
EDSM II.2.1.12 Pavement Structure Design	Chief Engineer	Pavement & Geotechnical Services	6/14/1983	Y

OBJECTIVE 1.1 DOTD POLICIES DOCUMENTS FOR COMPLETE STREETS INTEGRATION

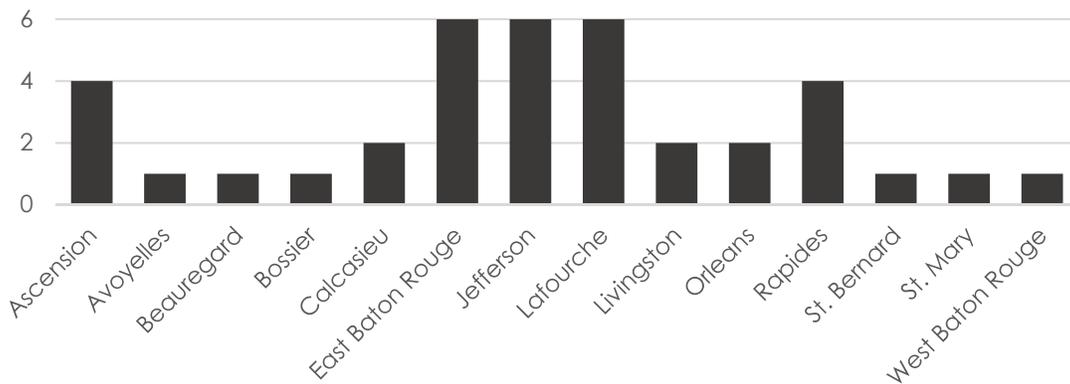
Name	Owner	Section	Revision Date	Review for Complete Streets?
EDSM II.2.1.14 Complete Streets	Chief Engineer	Management	4/19/2016	Y
EDSM II.3.1.3 Guard Rail	Chief Engineer	Bridge Design	5/15/2002	Y
EDSM II.3.1.4 Guardrail, Other Bridge Rail End Treatment, Curbs and Sidewalks on Urban Bridges	Chief Engineer	Bridge Design	5/15/2002	Y
EDSM III.1.1.23 Development of a Traffic Control Plan	Chief Engineer	Traffic Engineering Management	8/23/2000	Y
EDSM IV.1.1.6 Maintenance Agreements With Municipalities	Chief Engineer	Contract Services	10/1/1982	Y
EDSM IV.2.1.4 Multi-Lane Roadways and Median Openings	Chief Engineer	Traffic Engineering Management	6/2/2014	Y
EDSM IV.3.1.3 Sidewalks in Highway Rights-of-Way By Permit	Chief Engineer	Road Design	3/9/1992	Y
EDSM VI.1.1.1 Establishment of Speed Zones	Chief Engineer	Traffic Engineering Management	10/9/2014	Y
EDSM VI.1.1.5 Roundabout	Chief Engineer	Traffic Engineering Management	5/14/2015	Y
EDSM VI.1.1.8 Transportation Management Plans (TMP)	Chief Engineer	Transportation Planning	3/13/2012	Y

*Include reference to Complete Streets Policy and elements. Will be reviewed periodically as needed.

COMPLETE STREETS PERFORMANCE MEASURE UPDATE 2018

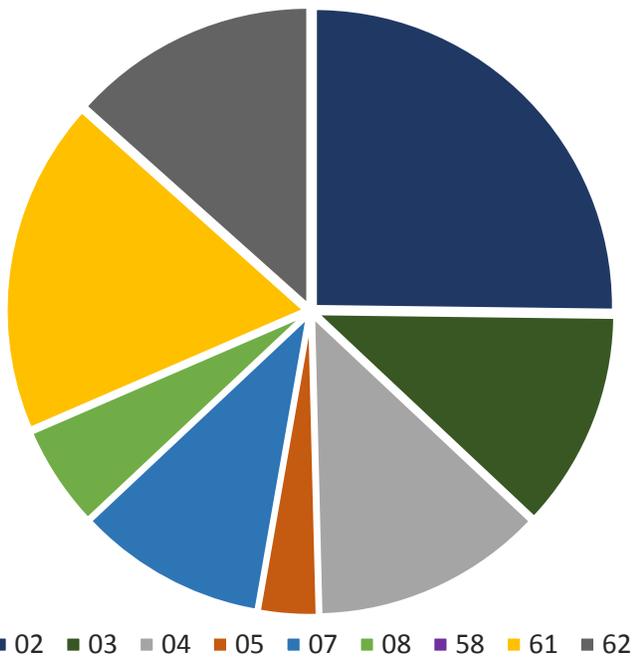


of Local Road Locations, let in 2017, by parish

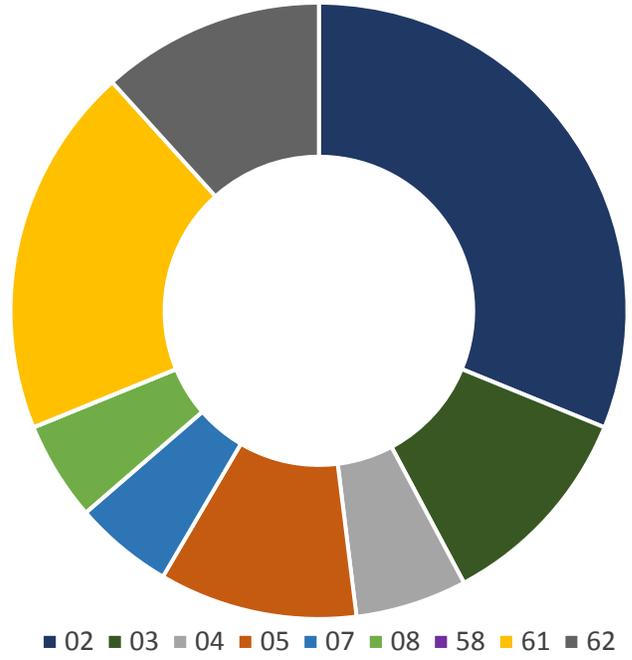


OBJECTIVE 1.2 NON-MOTORIZED USER SAFETY DATA, 2016

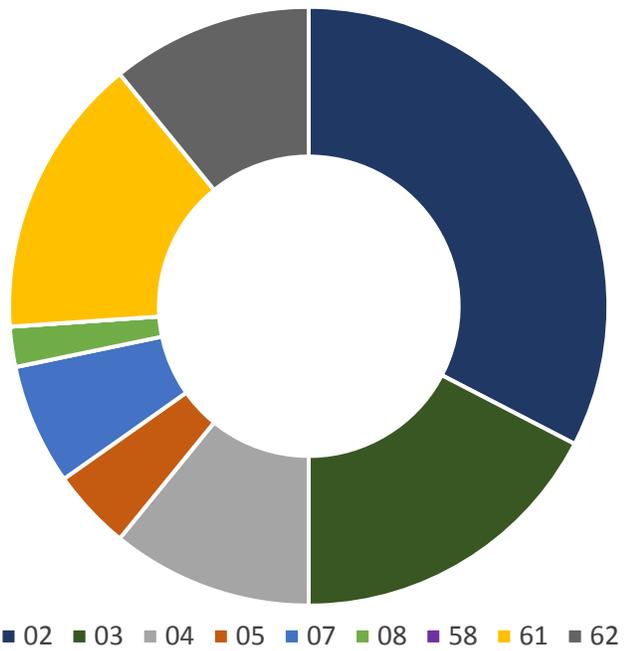
Pedestrian Fatalities by District



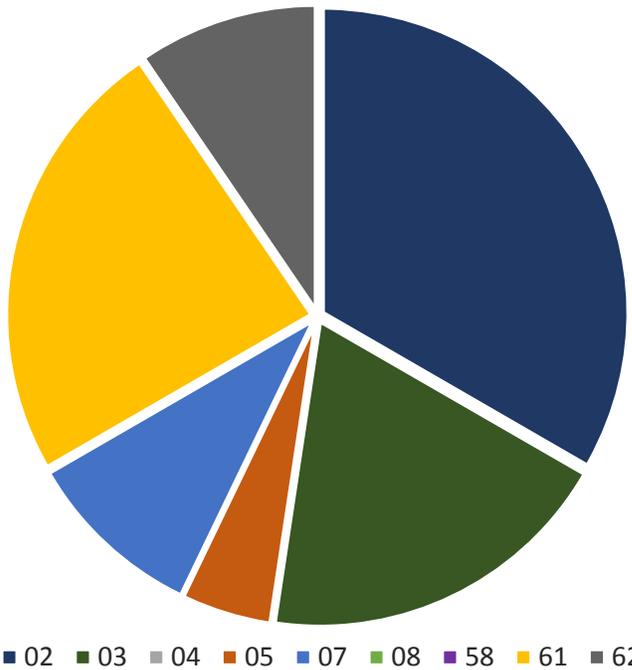
Pedestrian Severe Injuries by District



Bicyclist Severe Injuries by District

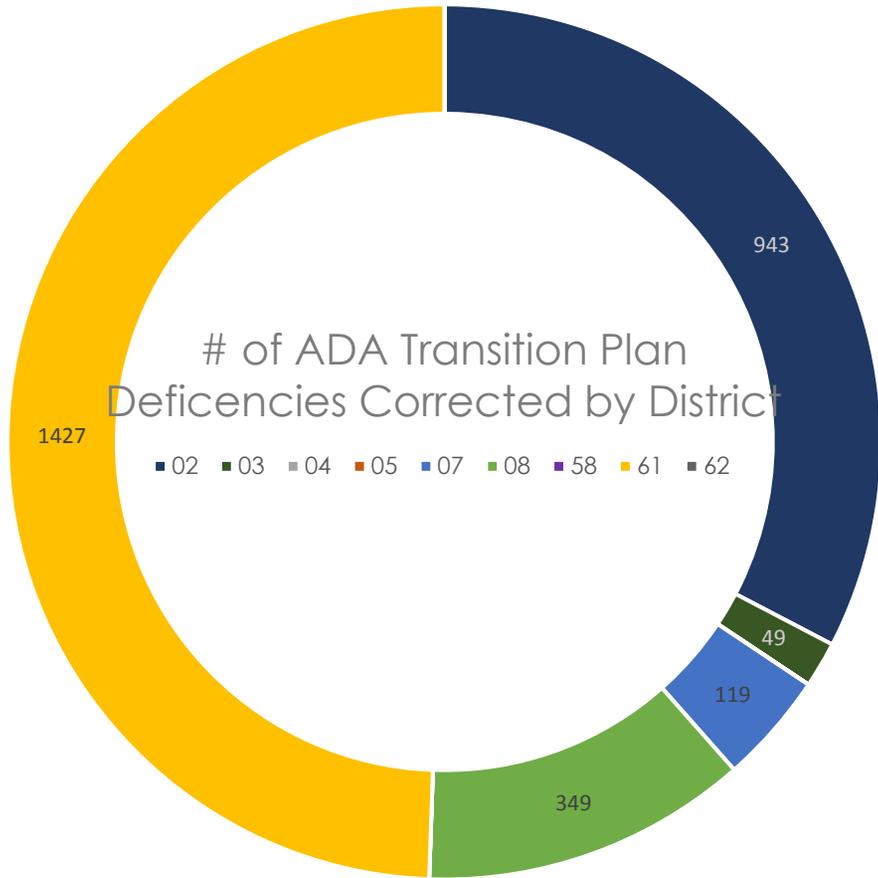


Bicyclist Fatalities by District

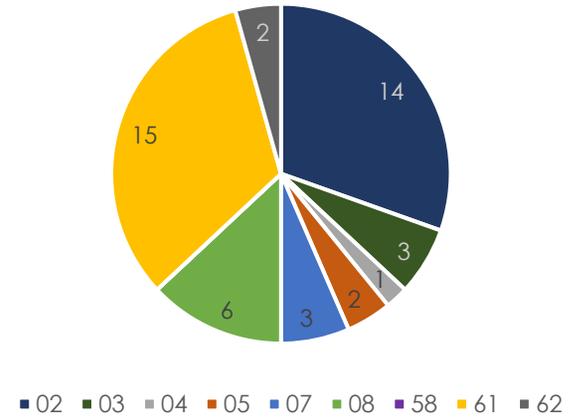


District	02	03	04	05	07	08	58	61	62	Total
Pedestrian Fatalities	32	15	16	4	13	7	0	23	17	127
Pedestrian Severe Injuries	48	17	9	16	8	8	0	30	18	154
Bicyclist Fatalities	7	4	0	1	2	0	0	5	2	21
Bicyclist Severe Injuries	15	8	5	2	3	1	0	7	5	46

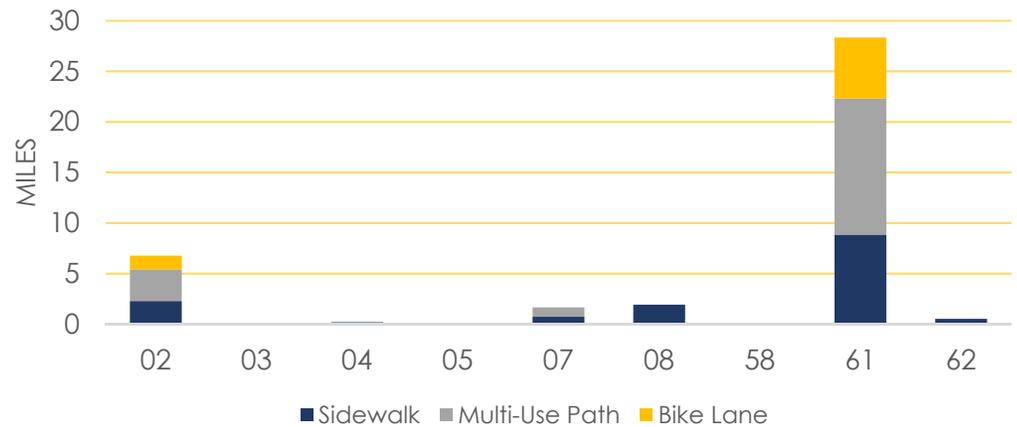
OBJECTIVE 1.4 ADA TRANSITION PLAN /2.1 COMPLETE STREETS IMPROVEMENTS



of projects with complete streets components let in 2017, by District



Sidewalks, Bike Lanes & Multi-use Paths by District, let in 2017

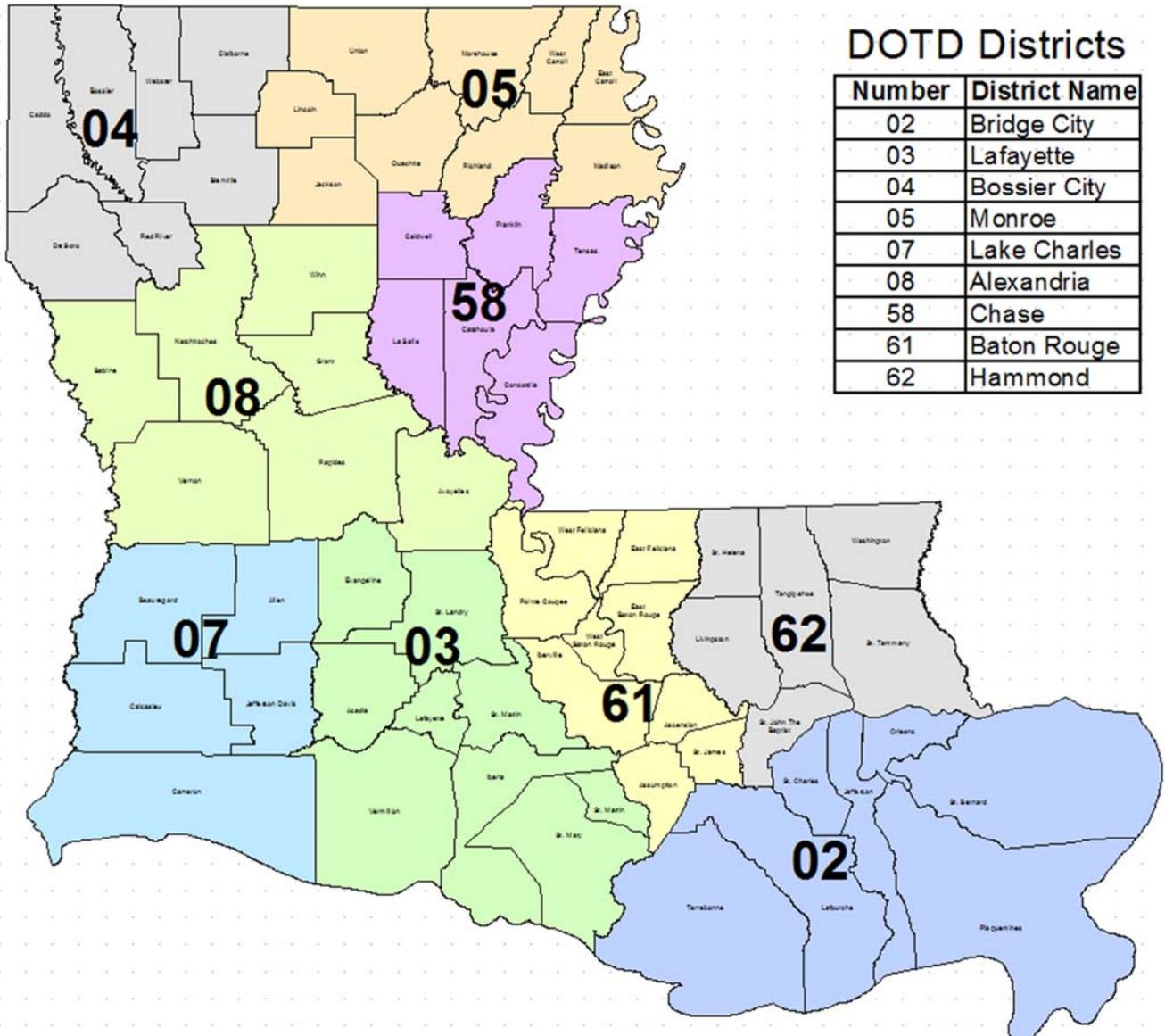
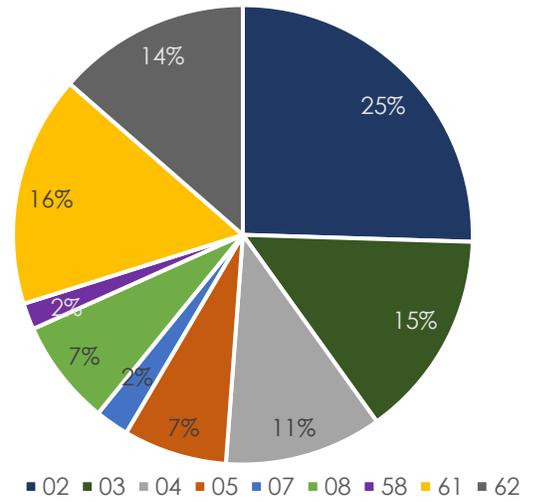
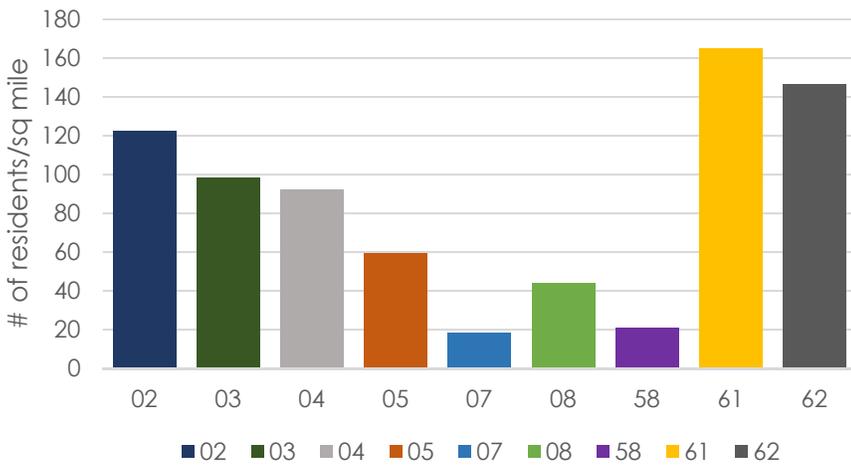


Condition of State Route	# of miles
Freeways & interstates	1,035.9
AADT<1000 vpd	4,261.6
Bike lanes, sidewalks + transit	14.8
2-lane road w/4'+ shoulders (AADT ≥ 1000 vpd)	1,987.5
NOT "Complete" (per DOTD Minimum Design Guidelines)	9,305
Total State Public Road Mileage (2017)	16,604.8

DOTD DISTRICT DEMOGRAPHICS

% Population by District

Population Density by DOTD District



DOTD Districts

Number	District Name
02	Bridge City
03	Lafayette
04	Bossier City
05	Monroe
07	Lake Charles
08	Alexandria
58	Chase
61	Baton Rouge
62	Hammond