How is LADOTD Implementing Access Management?

Ryan Hoyt, P.E., PTOE
Traffic Engineering Management Administrator
Outline

• Overview of Access Management
• Benefits of Access Management
• LADOTD Policies
• LADOTD Example Projects
What is Access Management?

The systematic control of the location, spacing, operation and design of:

- Driveways
- Medians
- Median Openings
- Traffic Signals
- Freeway Interchanges
Overview
Benefits of Access Management

Safety

Composite Crash Rate Indices

Source: TRB Access Management Manual (2003), as adapted from NCHRP Report 420
Benefits of Access Management

Effect of Number of Driveways

Speed of Average Through Vehicle

Through Vehicles/Lane

0 Drives
2 Drives
4 Drives

W. McShane PhD PE - July 1995
Benefits of Access Management

Level of Service Benefits

- LOS "D" Threshold
  - LOW ACCESS MANAGEMENT: 23,592
  - HIGH ACCESS MANAGEMENT: 33,500

Maximum Daily Traffic at Level of Service "D" on 4-Lane Road

LADOTD Access Management Policies

Administrative Code:

Title 70, Part I, Chapter 15

• Definitions
• Process for Acquiring an Access Permit
• Permit Conditions
• Access Connection Requirements
• Access Connections Spacing and Sharing
• Access Connections Operational Restrictions
• Design and Construction Requirements
LADOTD Access Management Policies

• EDSM IV.2.1.4 Median Openings on Divided Multi-Lane Roadways
• EDSM I.4.3.2 Request for new or modified access on control of access facilities
• EDSM VI.3.1.6 Traffic Signals
• EDSM VI.1.1.5 Roundabout
Louisiana DOTD News & Updates

Welcome to DOTD, committed to serving Louisiana’s transportation infrastructure needs. Here you will find information for residents, businesses and government partners. Click the links below to view traffic cameras, find travel information or learn how to work with DOTD.

- 2/25/2016 - Addis I-10 public meeting rescheduled for March 9
- 2/23/2016 - DOTD reminds motorists to use caution during severe weather
- 2/19/2016 - DOTD to host three open house public meetings for I-10 corridor improvements
- 2/18/2016 - Sec. Wilson joins Mayor Landrieu, Amtrak and Southern Rail Commission for Gulf Coast Passenger Rail Inspection Trip
- 2/5/2016 - DOTD Secretary Shawn Wilson announces additional executive staff members
- 2/4/2016 - Traffic Advisory: Camp Minden Burn Chamber Transport through Natchitoches, Red River, Bossier, Webster Parishes
- 2/1/2016 - Legislative Public Hearings for the Highway Priority Construction Program

How Do I?

View traffic conditions?
Get a map?
Manage a MyDOTD Account?
Find ferry & bridge status?
Get information about Consultant Contract Services?
Find projects in my area?
Get a permit?
Find a form or publication?
Learn about the project development process?
File a damage claim?
Find a traffic count?
Inside La. DOTD
Find forms and publications and learn what's new at DOTD.

Inside LaDOTD
Look inside DOTD with quick links to current news and media, and important forms and publications. DOTD staff and vendors can sign in through our employee portal for fast access to LaGov and other state resources.

Traffic Cameras
Emergency Information
Travel Information
Projects in My Area

How Do I?
Stay informed about projects?
View traffic conditions?
Get a permit?
Find a form?
Find a section?
Contact DOTD?

Contact LaDOTD:
1-877-4LaDOTD
1-877-452-3683

Visit 511LA.org for travel information.
Access Connections

Access Connections To Controlled Access Highways

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Access Connections To Non-State Local Roads

Contact your local Government

Access Connections To Other State Highways

- Right of Way Permits
- Access Connection Permits Rule
  - Chapter 15 in Louisiana Administrative Code Title 70, Transportation
- Driveway Standards
- EDSM IV.2.1.4 - Multi-Lane Roadways and Median Openings
- TRB Access Management Website

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Access Connections Traffic Impact

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Example Project
LA 21 Covington
Example Project LA 21 Covington

Signal @ Bootlegger Road @ .2 Miles

Signal @ Hyacinth Dr. @ .2 Miles
Example Project
LA 21 Covington
Example Projects
LA 21 Covington
Example Project
US 190 Covington
Example Projects
US 190 Covington
Example Projects
US 61 Ascension
Example Projects
US 61 Ascension
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US 90 Lafayette
Example Projects
LA 8 Leesville
Example Projects
US 61 and Highland
Baton Rouge
Example Projects
US 61 and Highland
Baton Rouge
Example Projects
US 61 and Highland
Baton Rouge
Example Project
US 51 Hammond
Example Project
US 51 Hammond
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