

US 190 W Roundabouts, Slidell at Westminster Dr, Carroll Rd/ Sunset Dr, and Maris Stella Ave

Louisiana Project Number: H.014375



Projects Description

- ❖ LADOTD proposes to construct one-lane roundabouts on US 190 (Gause Boulevard West) at the intersections of Westminster Drive, Carroll Road and Sunset Drive, and Maris Stella Avenue.
- ❖ The Project will require additional right-of-way. One relocation is anticipated.
- ❖ The Project is anticipated to be environmentally processed as a Categorical Exclusion.



Project Location



The limits for this project extends from just west of the US 190 intersection with Badon Road to just east of the US 190 intersection with Maris Stella Avenue.



Purpose and Need for the Project

- ❖ Current conditions of US 190
 - ❖ Each intersection under investigation currently uses traffic lights as the traffic control device.
 - ❖ Under current conditions, US 190 is congested during peak traffic hours.



Purpose and Need for the Project

- ❖ Purpose of this project
 - ❖ To reduce existing traffic congestion, and minimize travel delays.
 - ❖ Minimize gridlock conditions that impair efficient flow of traffic in the project area for current and future conditions.



Purpose of Tonight's Meeting

- ❖ Because roundabouts are a relatively new traffic control device for the area, this meeting is being held to help educate the public as well as receive feedback.
- ❖ Any feedback received tonight will be taken into consideration and recorded in the environmental document for this project.

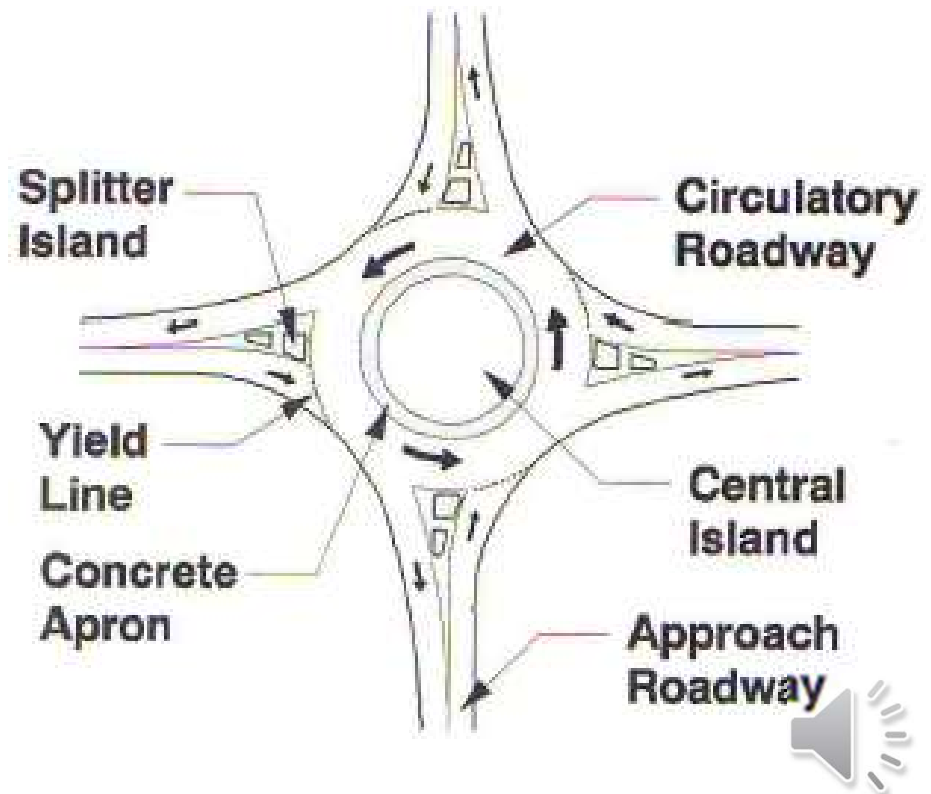


Proposed Build Alternative



What is a roundabout?

- ❖ Roundabouts are one-way, circular intersections designed to improve safety and efficiency for motorists, bicyclists, and pedestrians.
- ❖ In a roundabout, traffic flows through a center island counterclockwise.
- ❖ A roundabout redirects some of the conflicting traffic, such as left turns, which cause crashes at traditional intersections. This is because drivers enter and exit the roundabout through a series of right-hand turns.



Benefits of Roundabouts over Signalized Intersections

- ❖ Reduce fatalities in crashes by up to 90%*.
- ❖ Reduce injuries in crashes by up to 76%**.
- ❖ 75% fewer conflict points over four-way intersections.
 - Conflict points are any point where the paths of two through or turning vehicles diverge, merge, or cross.

* "Safety Effect of Roundabout Conversion in the United States: Empirical Bayes Observation Before-After Study." Transportation Research Record 1751, Transportation Research Board (TRB), National Academy of Sciences (NAS), Washington, D.C., 2001

** NCHRP Report 572: Roundabouts in the United States. National Cooperative Highway Research Program, TRB, NAS, Washington, D.C., 2007



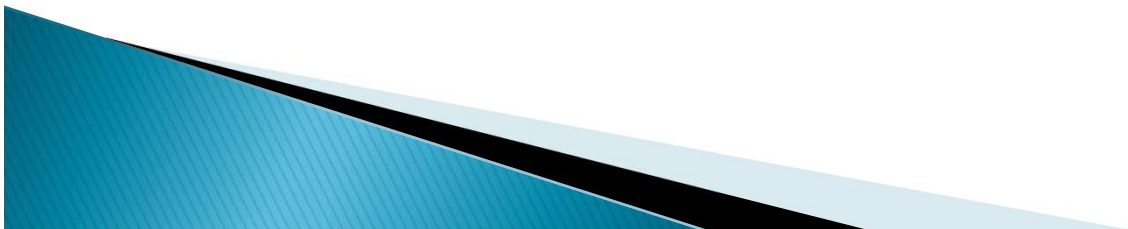
Benefits of Roundabouts over Signalized Intersections

- ❖ Reduce road electricity and maintenance costs by an average of \$5,000/year.
- ❖ Eliminate the costs to install and repair signal equipment
- ❖ Provide a 25-year service life when compared to the ten-year service life of signal equipment.
- ❖ Reduce vehicle delay and the number and duration of stops compared with signalized intersections, thus decreasing fuel consumption and carbon emissions. Fewer stops and hard accelerations mean less time idling.



Navigating a Roundabout

- ❖ The following videos show how to make turns and drive through a roundabout.
- ❖ If you have any questions after watching the videos, please ask any of the LADOTD staff. They are wearing name tags or ID badges.



Making a Right Turn

**SINGLE LANE ROUNDABOUT
RIGHT TURN MOVEMENT**



Driving Through a Roundabout

**SINGLE LANE ROUNDABOUT
THROUGH MOVEMENT**



Making a Left Turn

**SINGLE LANE ROUNDABOUT
LEFT TURN MOVEMENT**



A Few Points to Remember When Approaching a Roundabout:

1. Slow down.
2. If there is more than one lane, use the left lane to turn left, the right lane to turn right, and all lanes go through, unless directed otherwise by signs and pavement markings.
3. Yield to pedestrians and bicyclists.
4. Yield at entry to circulating traffic.
5. Stay in your lane within the roundabout and use your right-turn signal to indicate your intention to exit.
6. Always assume trucks need all available space (both lanes) in the roundabout– don't pass them!
7. Clear the roundabout to allow emergency vehicles to pass.



Right-of-Way Acquisition and Relocation Information

- ❖ Representatives of the DOTD Real Estate Section have a station here tonight, and they are available to answer any questions pertaining to Right of Way Acquisition.
- ❖ The DOTD Brochure explaining Acquisition of Right of Way and Relocation Assistance Program is available tonight at that table or can be obtained later from:

LADOTD District 62 Right of Way Office
685 North Morrison Blvd.
Hammond, Louisiana 70401
(985) 375-0250

- ❖ We suggest you read the brochure carefully. If you have any questions regarding your individual situation, consult with the agent when he or she meets with you, or contact the District Real Estate Office.



End of Presentation

- ❖ This presentation is over. Thank you for your participation.
- ❖ If you have any questions, please ask a DOTD representative. They will be wearing their ID Badge or a name tag.
- ❖ Provide us a written or verbal comment and visit the other stations for more information.
- ❖ If you have not done so already, please sign in near the door.

