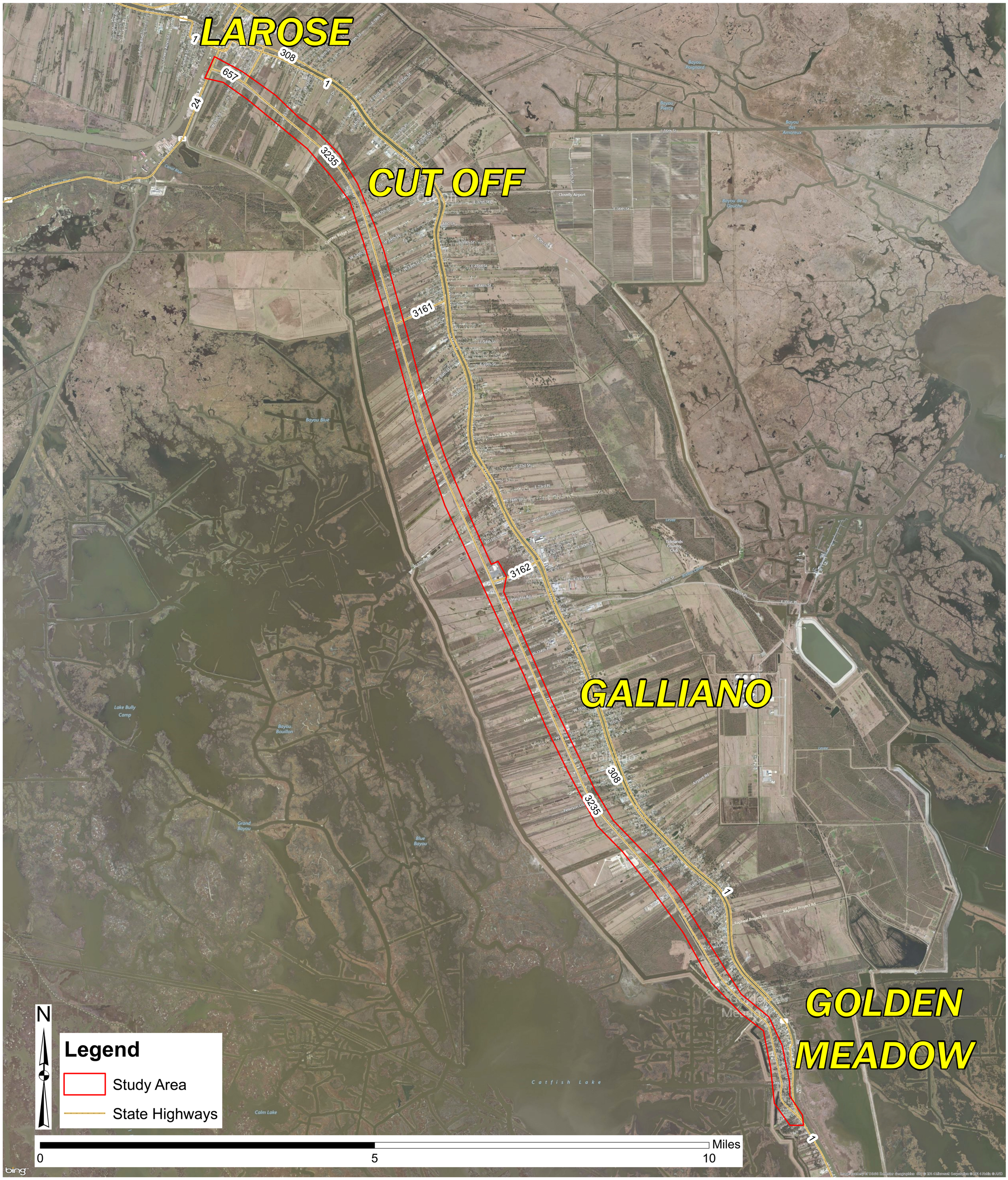
STUDY AREA



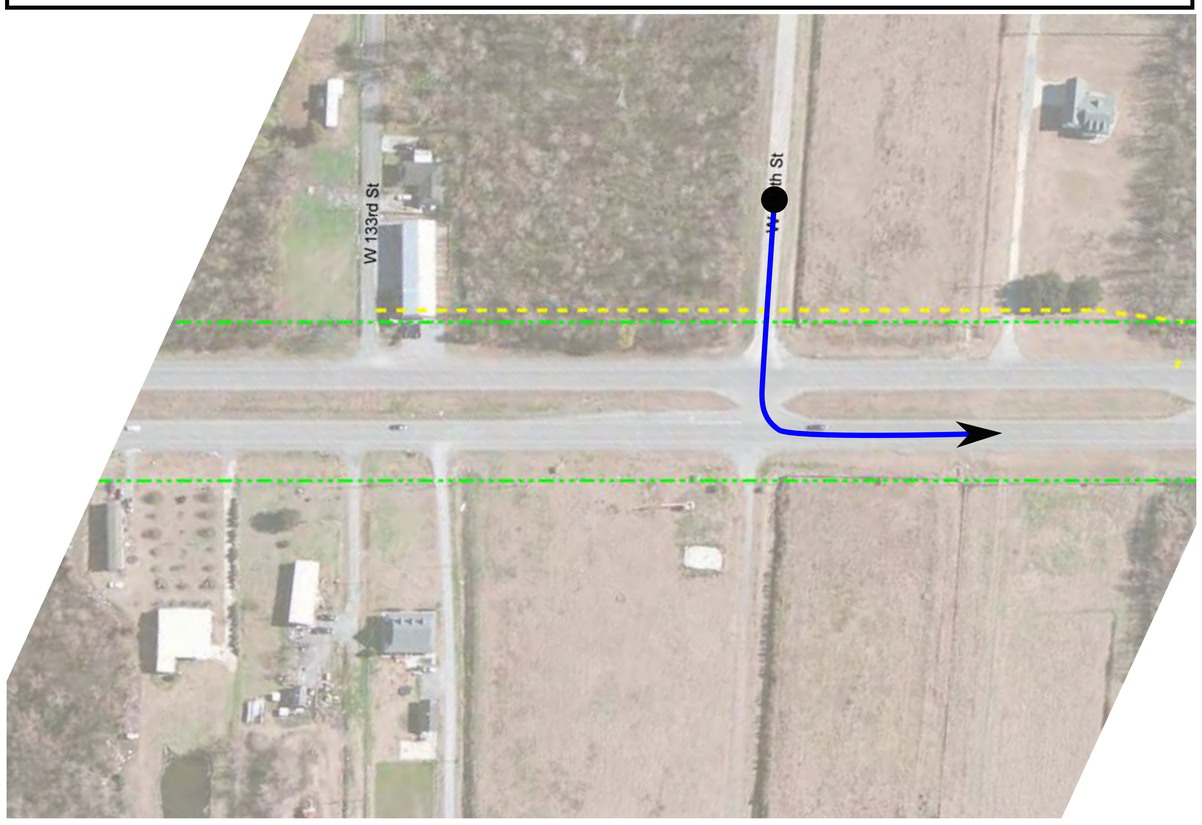
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

PRELIMINARY
SUBJECT TO CHANGE

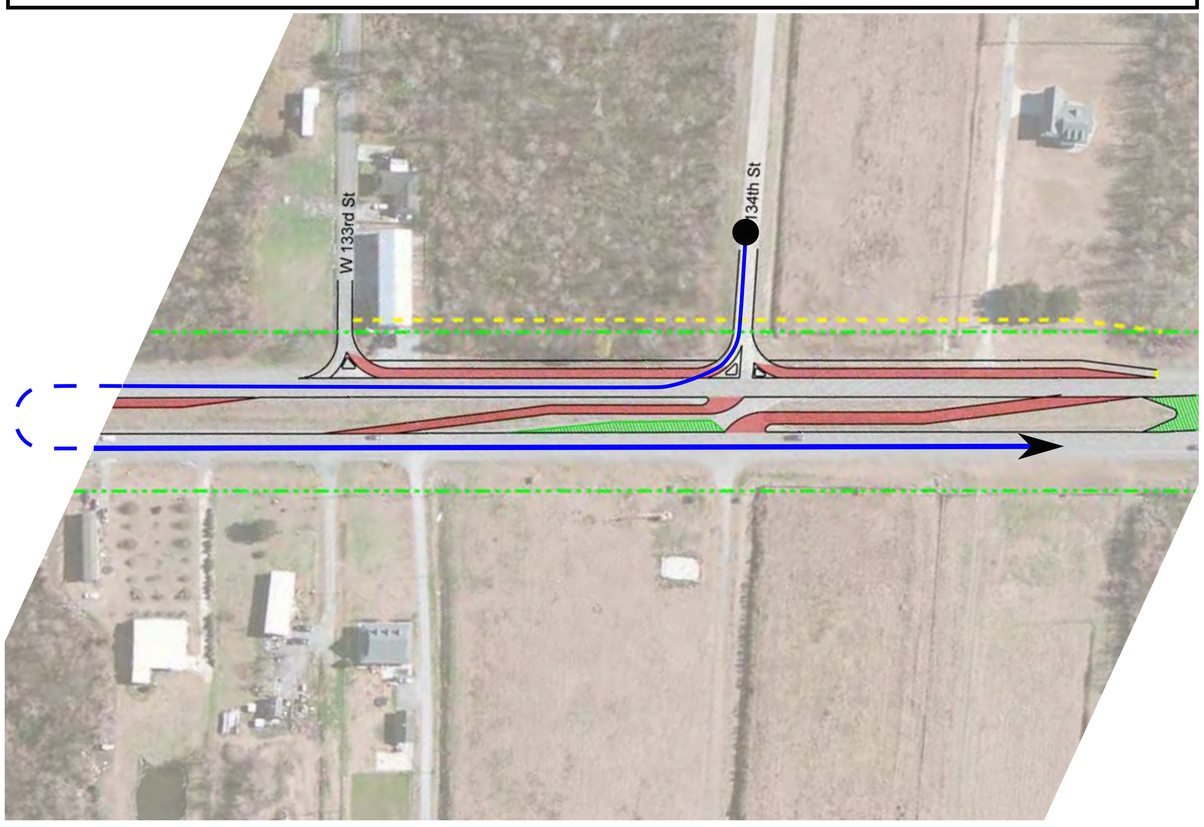
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 3235 Build Alternatives

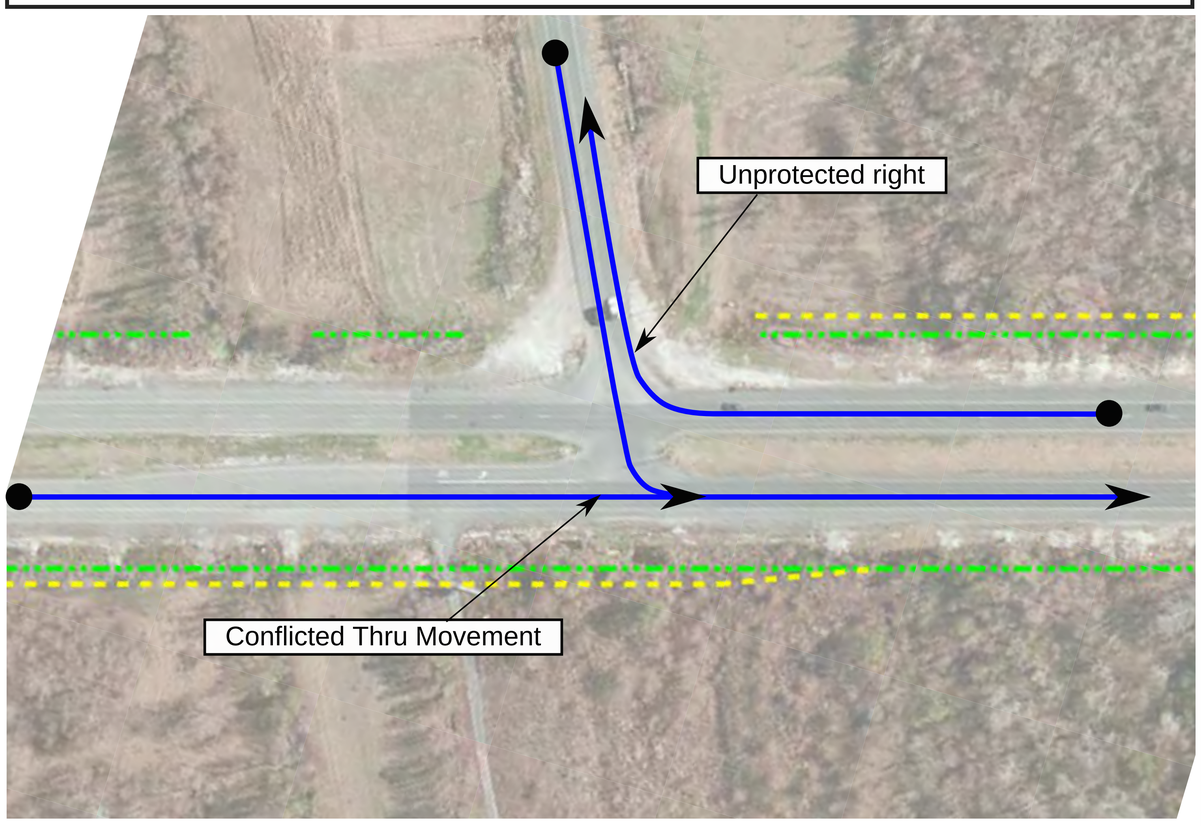
Existing Configuration



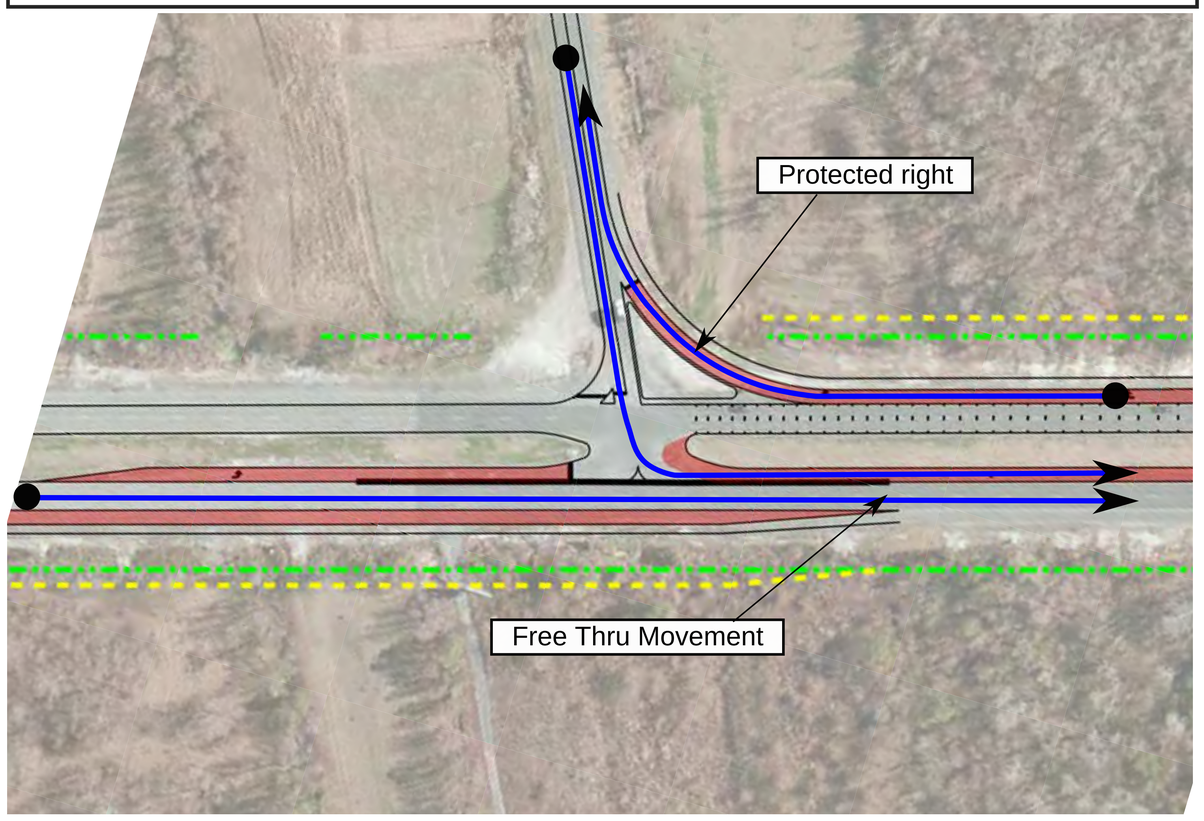
Restricted Crossing U-turns (RCUT)



Existing Configuration

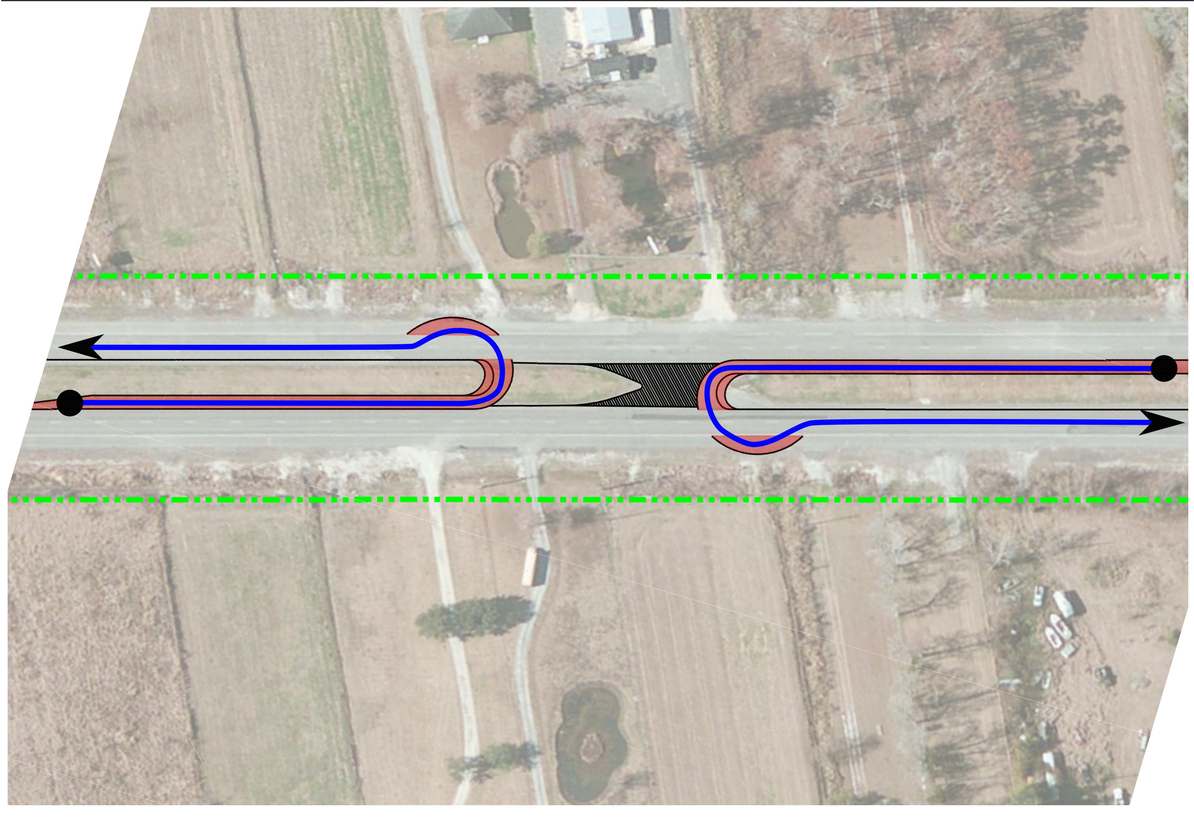


Continuous Green T-Intersections (CGT)



Existing Configuration

U-turn



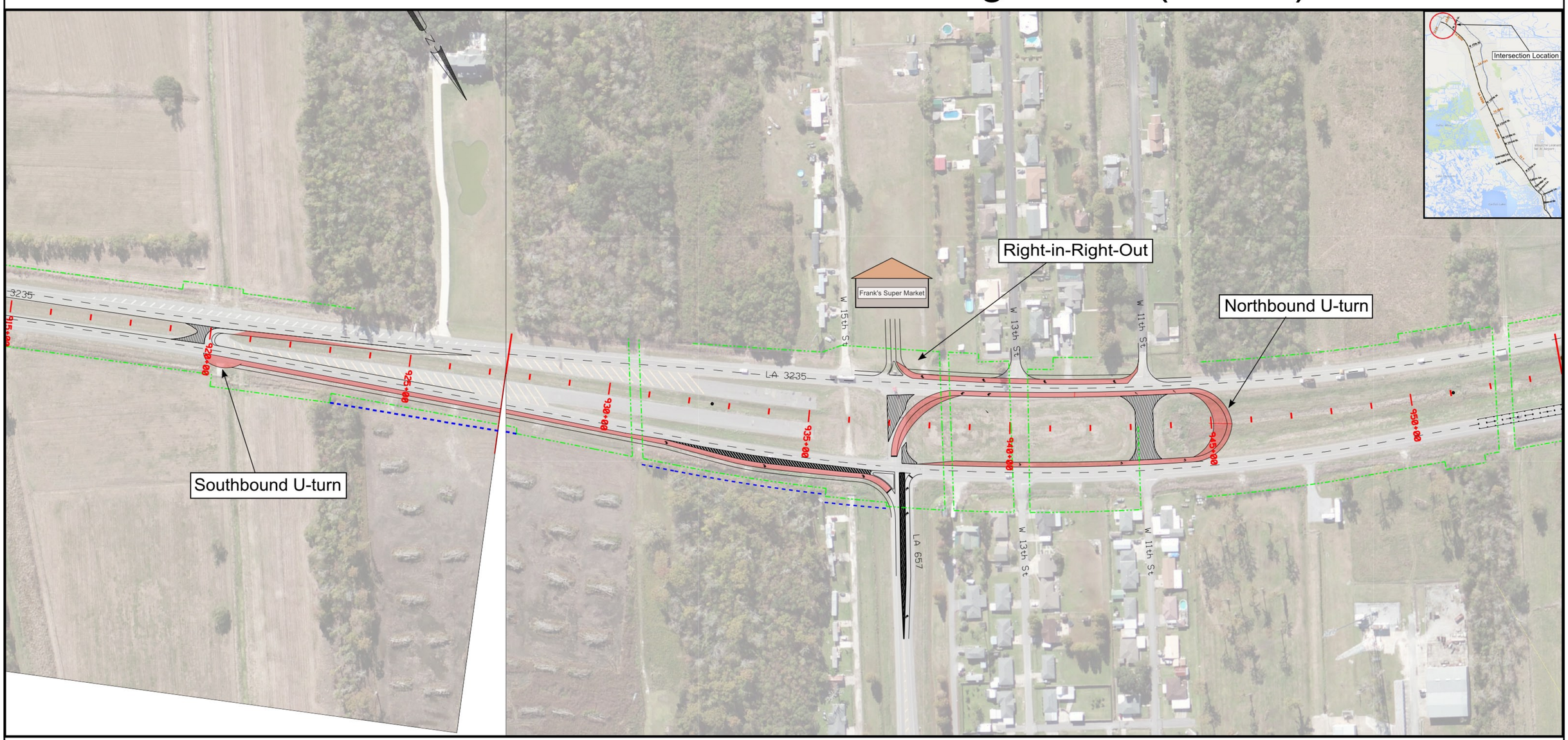
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Preliminary Plans Subject to Change

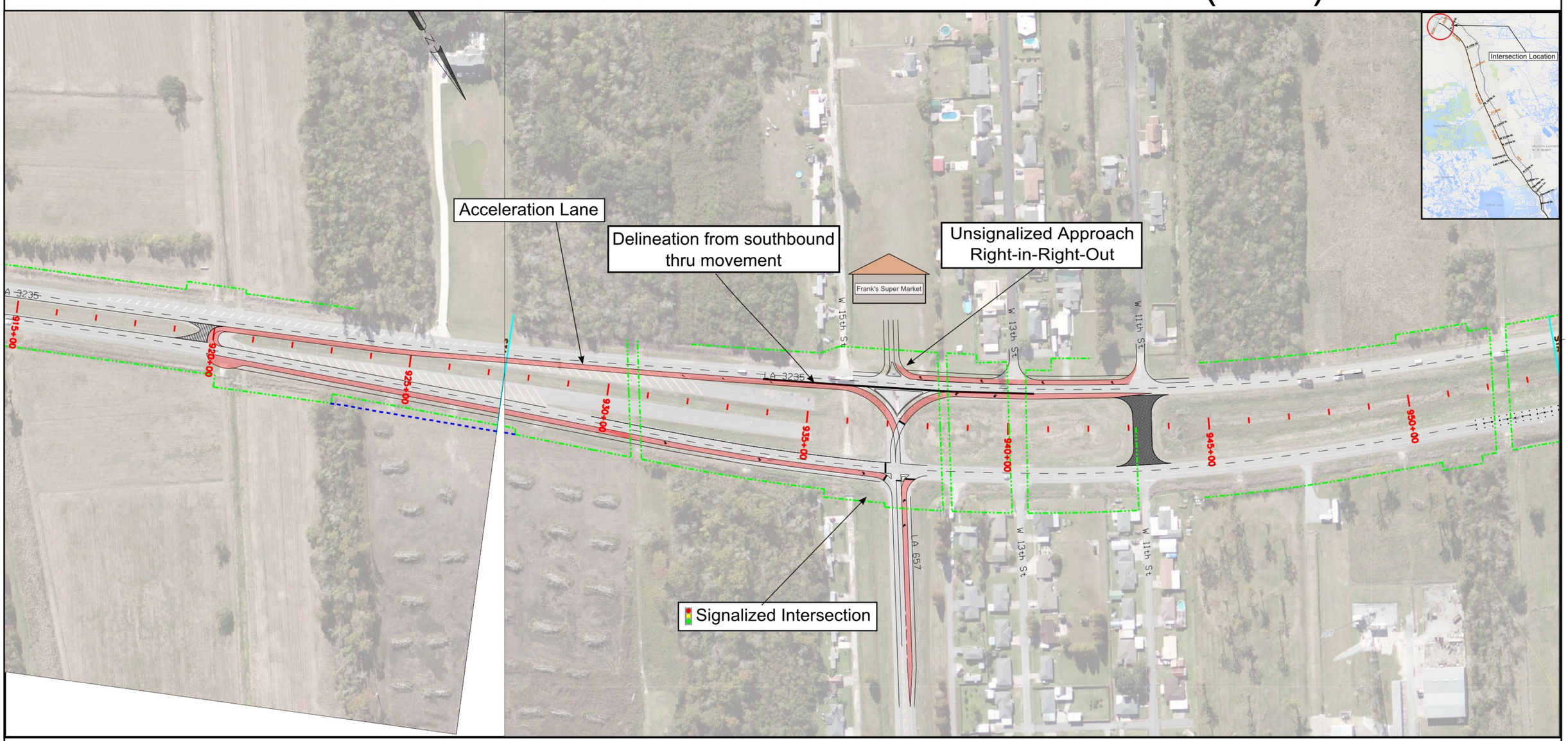
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 657

Alternative 1 - Restricted Crossing U-turn (RCUT)



Alternative 2 - Continuous Green T-Intersection (CGT)



Legend

- Existing Right-of-Way
- Required Right-of-Way
- Remove Existing Pavement
- New Pavement

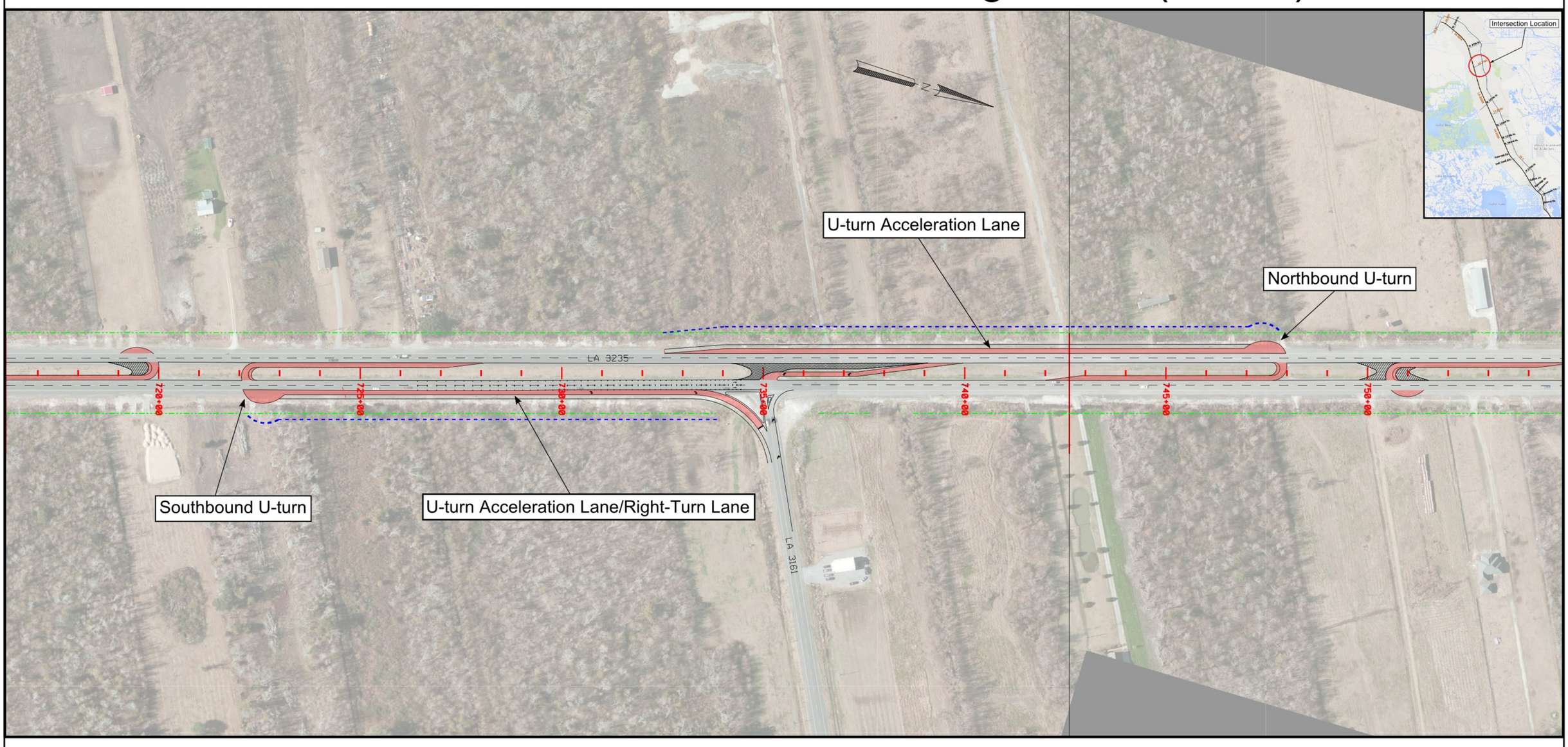
Preliminary Plans
Subject to Change

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

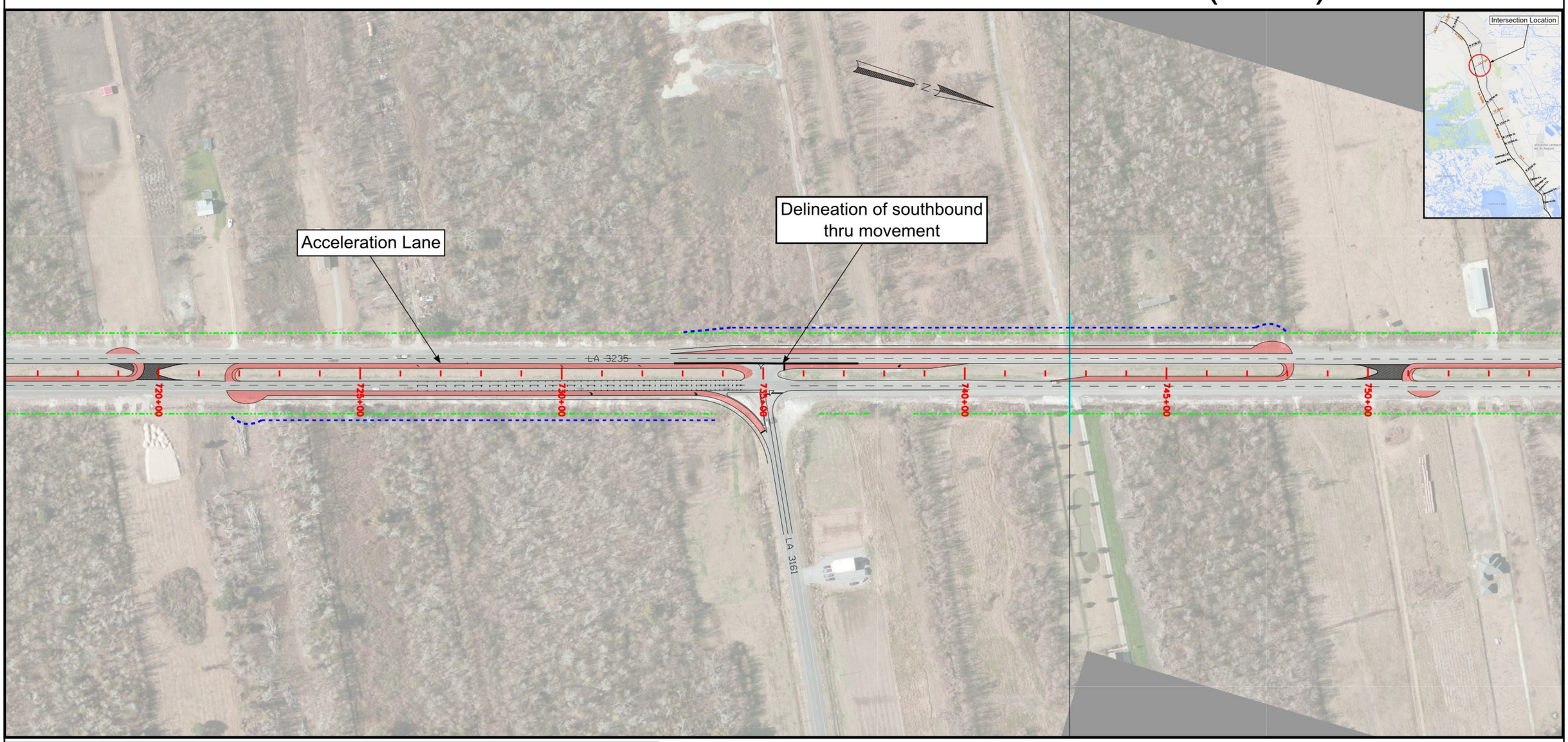
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 3161

Alternative 1 - Restricted Crossing U-turn (RCUT)



Alternative 2 - Continuous Green T-Intersection (CGT)



Legend

- Existing Right-of-Way
- Required Right-of-Way
- Remove Existing Pavement
- New Pavement

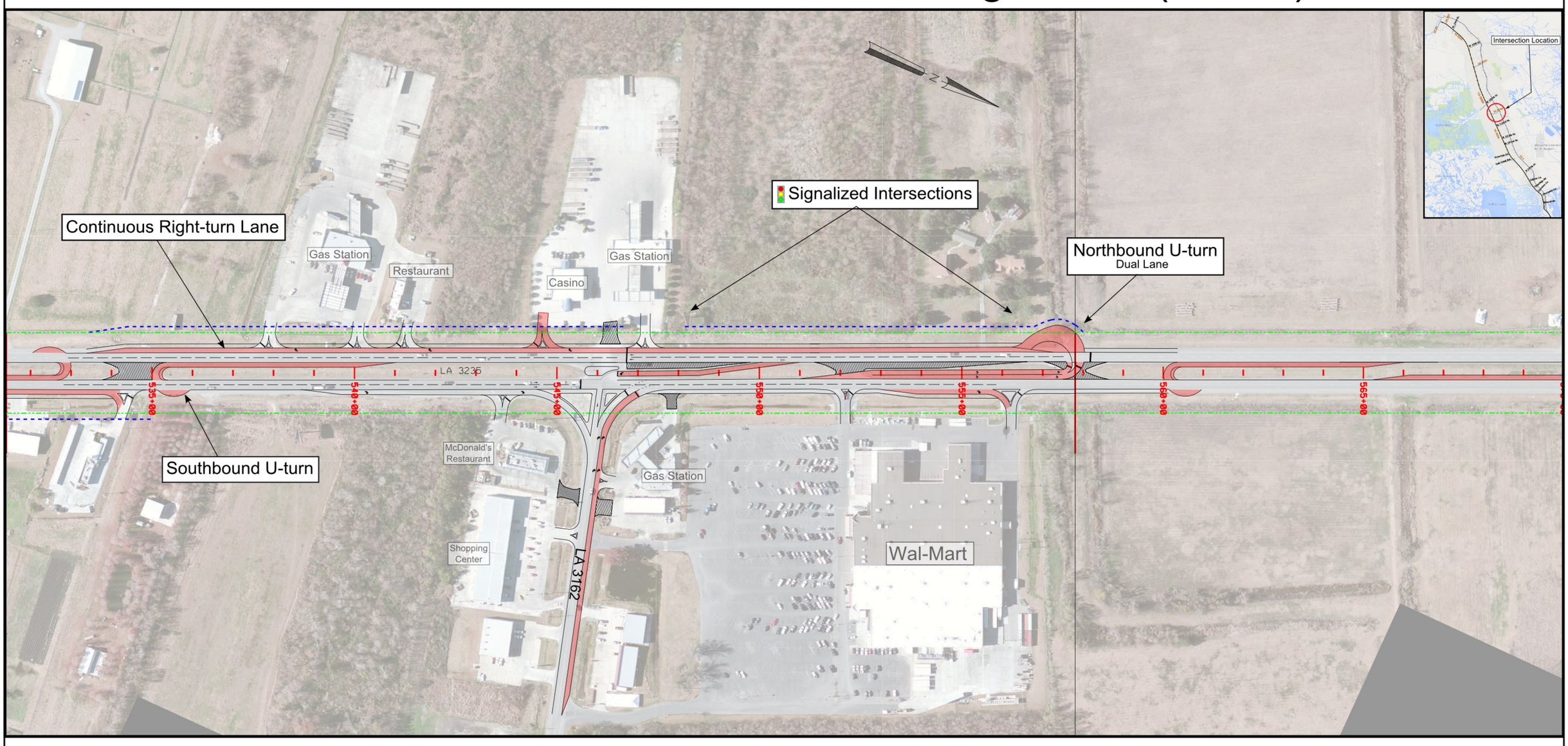
Preliminary Plans Subject to Change

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

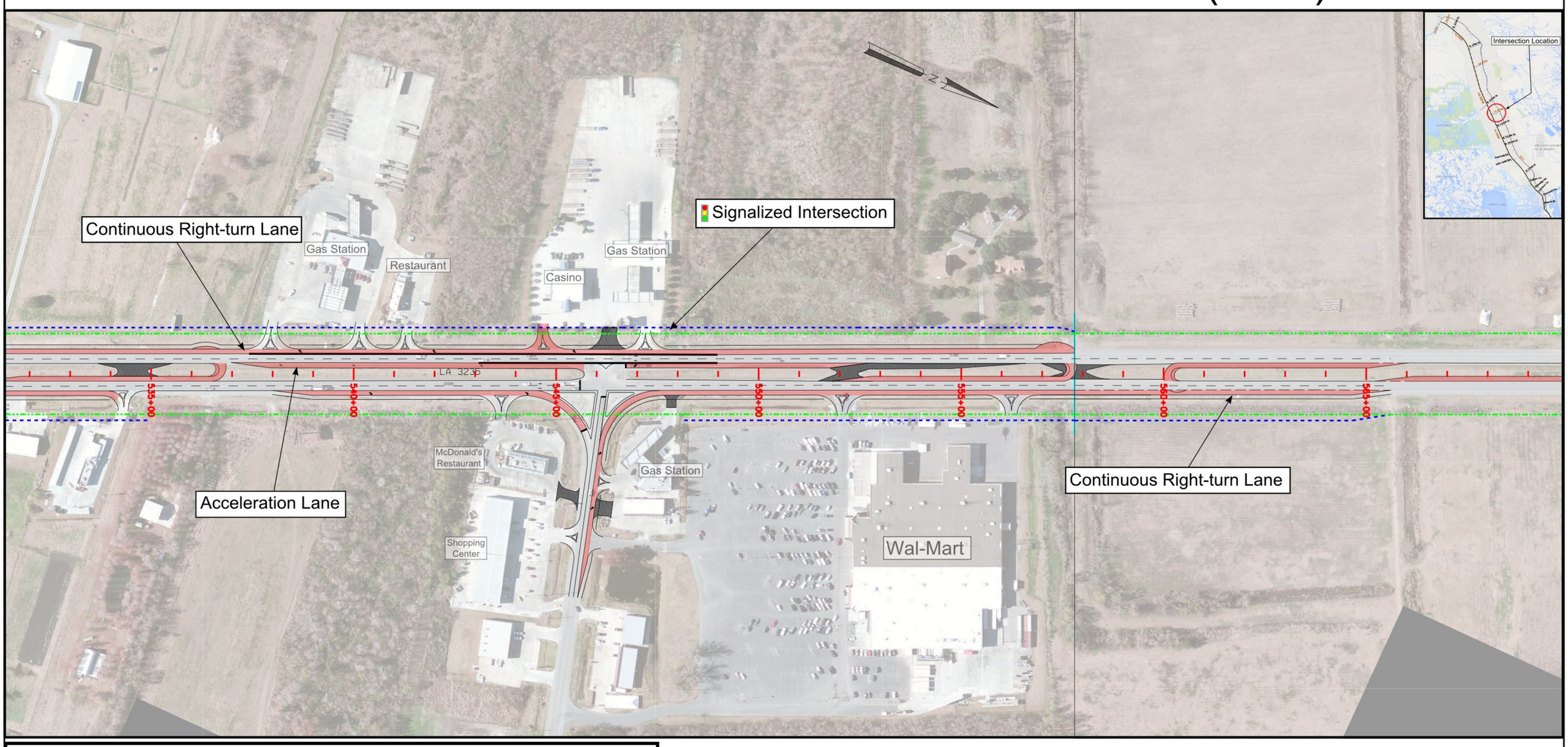
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 3162

Alternative 1 - Restricted Crossing U-turn (RCUT)



Alternative 2 - Continuous Green T-Intersection (CGT)



Legend

- Existing Right-of-Way
- Required Right-of-Way
- Remove Existing Pavement
- New Pavement

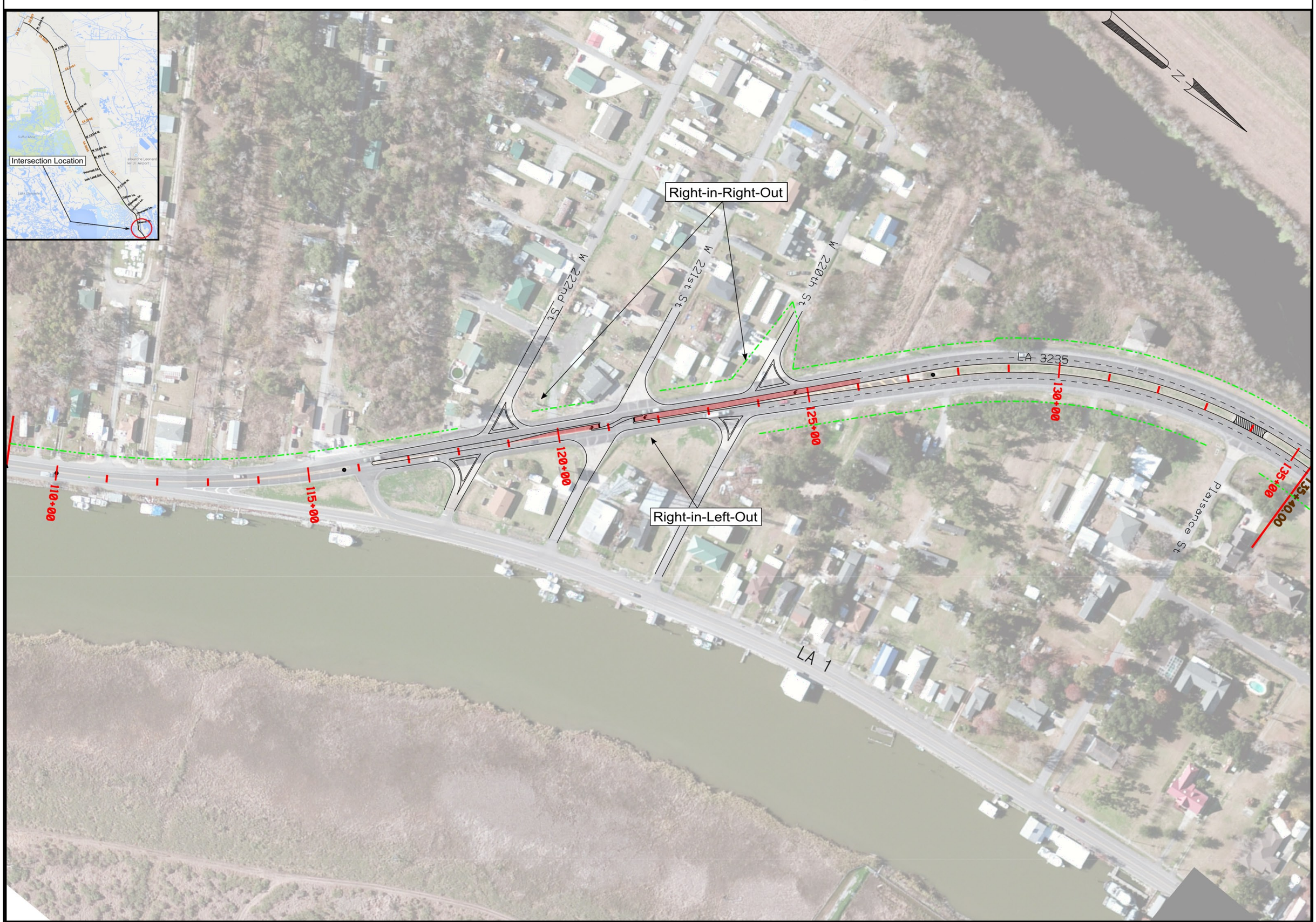
Preliminary Plans Subject to Change

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 1

Alternative 1 & 2 - Intersection Improvements



Legend

- Existing Right-of-Way
- Required Right-of-Way
- Remove Existing Pavement
- New Pavement

Preliminary Plans
Subject to Change

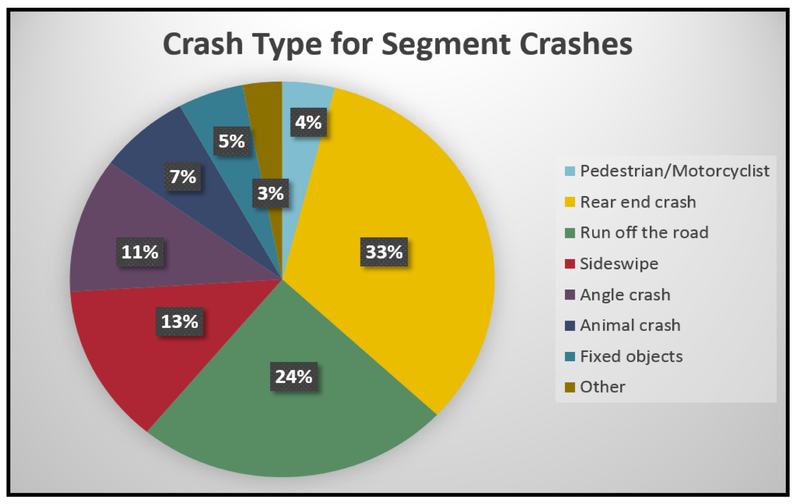
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

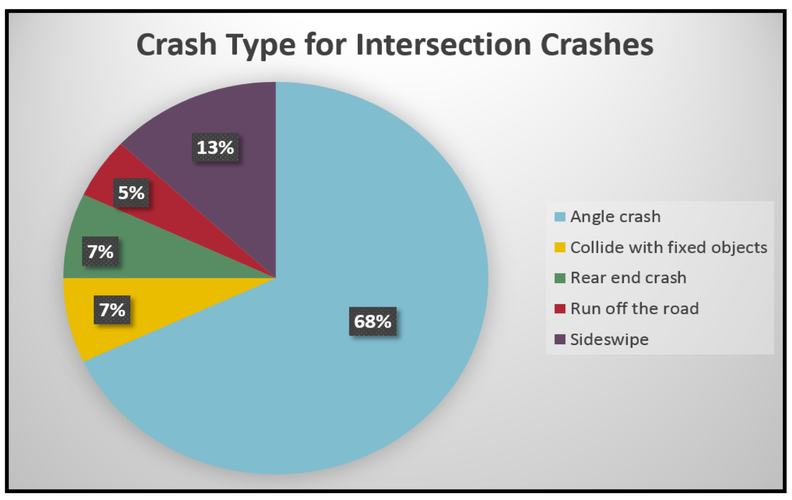
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

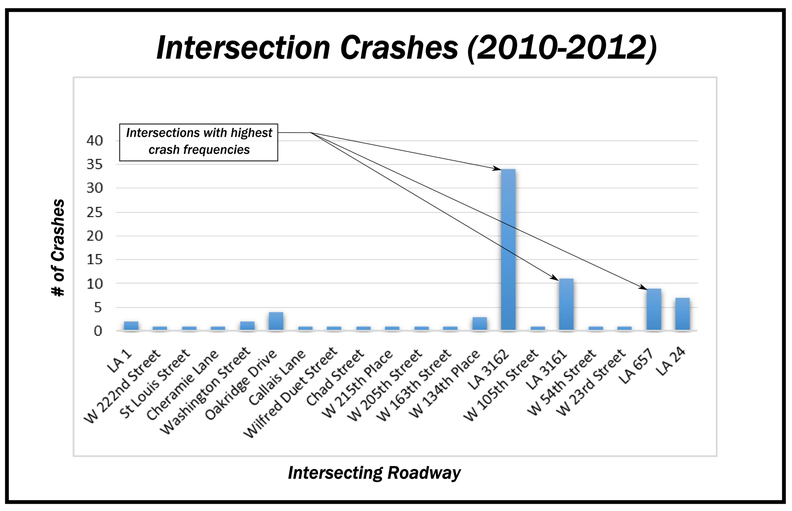
LA 3235 Safety Analysis

***Objective:** To evaluate historical crash data on LA 3235 and predict potential safety impacts of the proposed alternatives.*

Summary of Historical Crash Data (2010-2012)

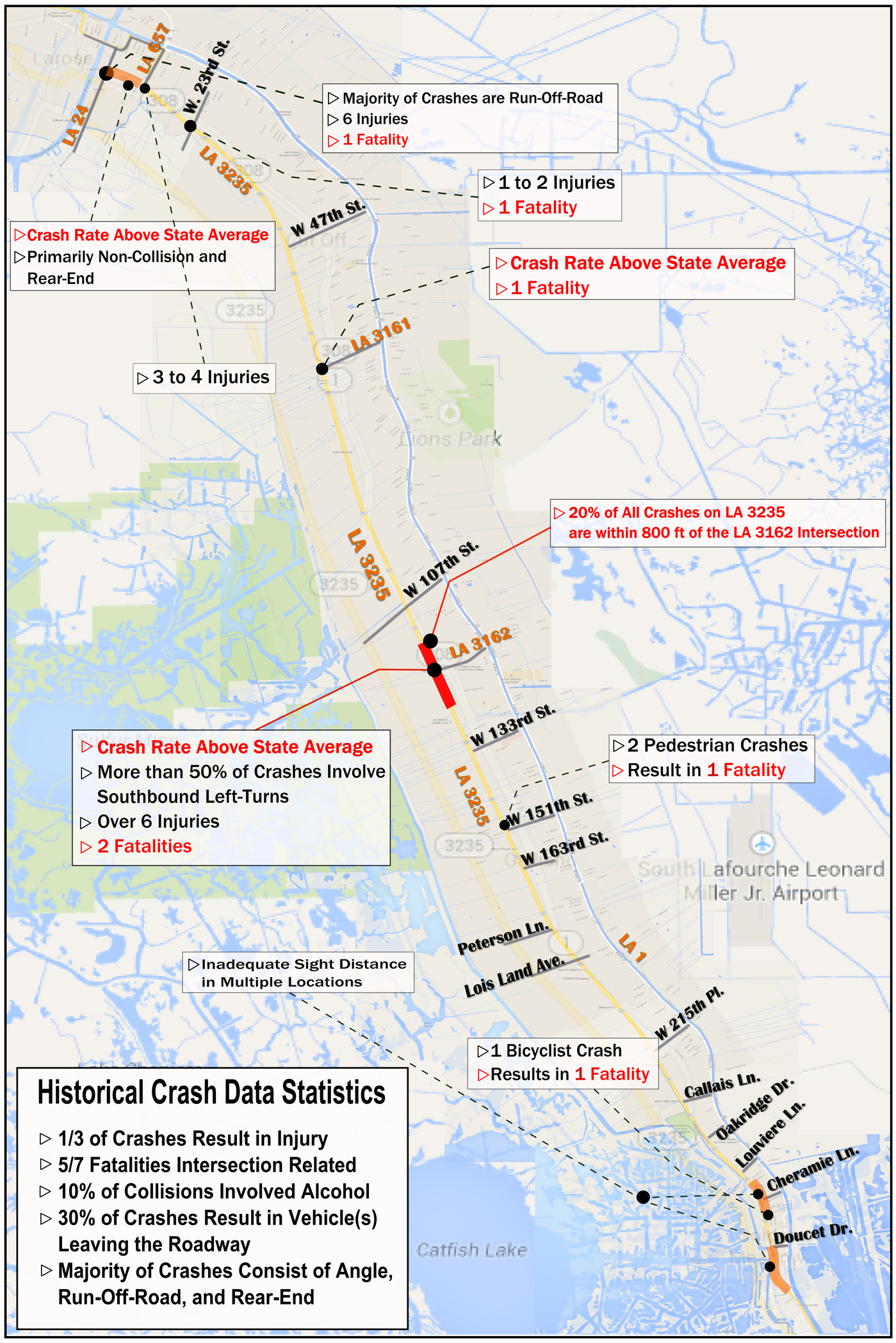






Intersections with Highest Crash Frequency
- LA 657
- LA 3161
- LA 3162

Highest Frequency Crash Types
- Angle Crashes
- Rear-End Crashes
- Run-Off-Road



Historical Crash Data Statistics

- ▷ 1/3 of Crashes Result in Injury
- ▷ 5/7 Fatalities Intersection Related
- ▷ 10% of Collisions Involved Alcohol
- ▷ 30% of Crashes Result in Vehicle(s) Leaving the Roadway
- ▷ Majority of Crashes Consist of Angle, Run-Off-Road, and Rear-End

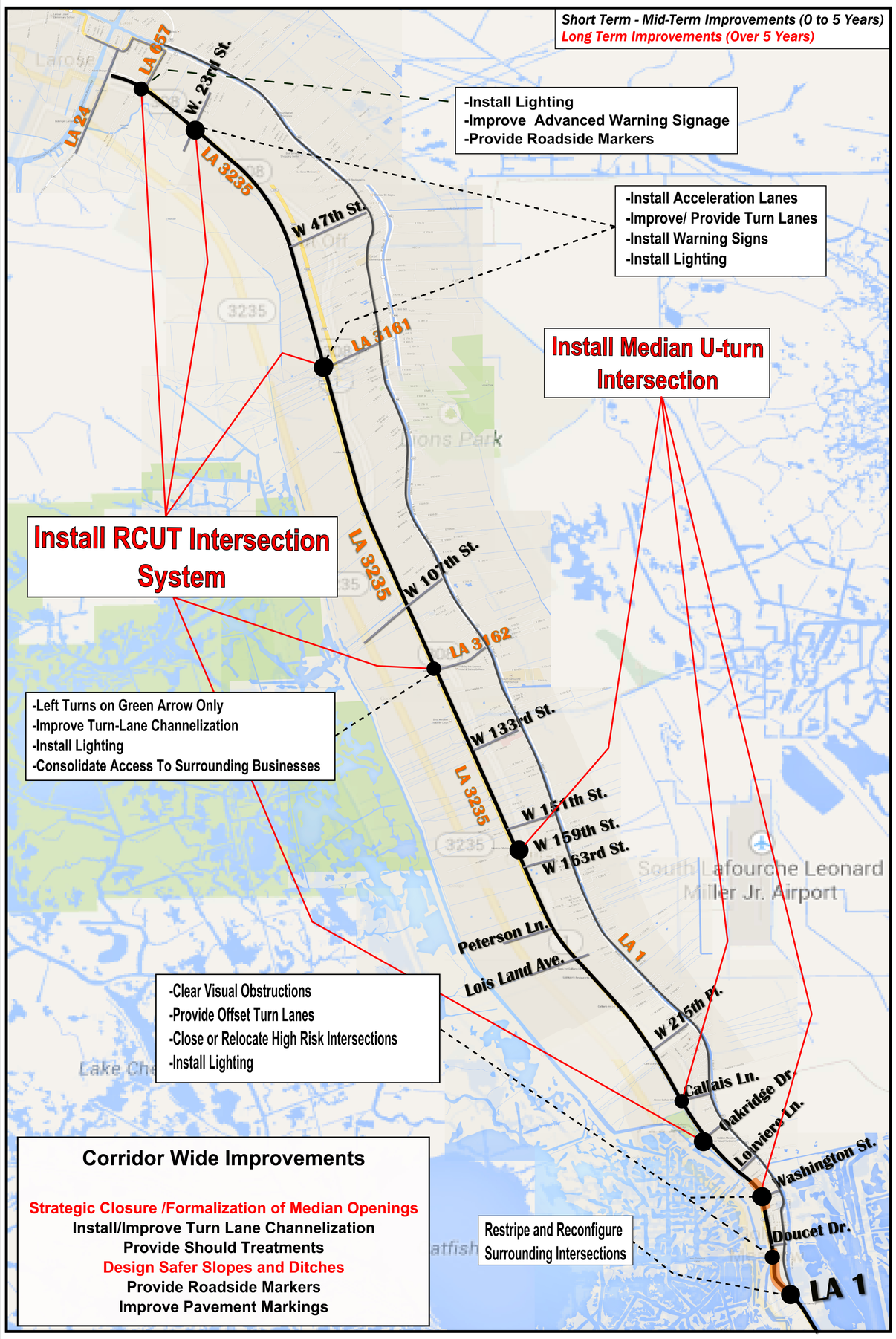
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Preliminary Plans Subject to Change

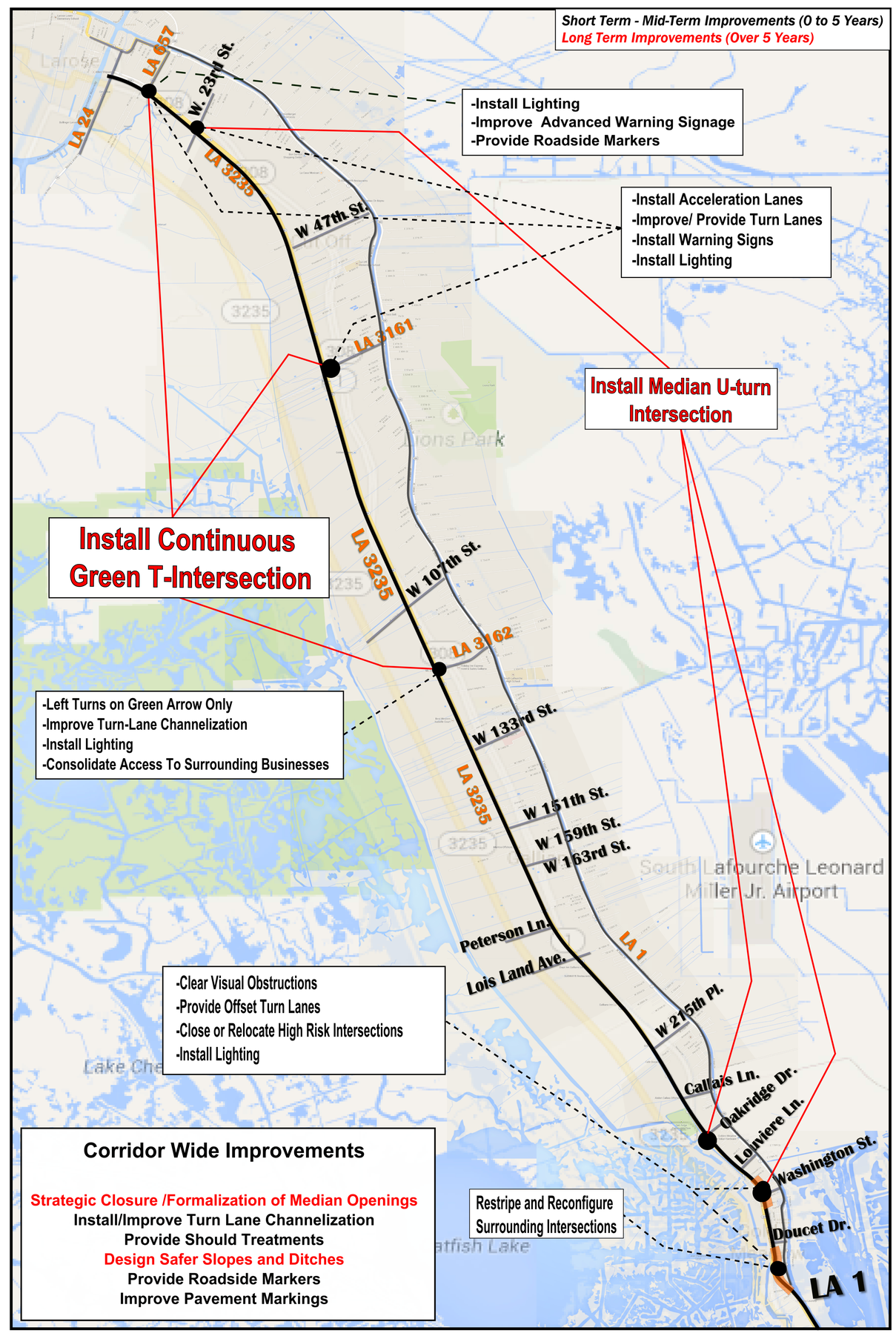
LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

LA 3235 Build Alternatives

Alternative 1 : Restricted Crossing U-turns (RCUT)



Alternative 2 : Continuous Green T-Intersections (CGT)



Proposed Improvements	Target Safety Benefits
Install Restricted Crossing U-turn (RCUT) (Alternative 1)	Reduces left-turn and rear-end crashes at intersections
Install Continuous Green T-intersection (CGT) (Alternative 2)	Reduces angle crashes at intersections
Closure and/or Formalization of Median Openings (Alternative 1 & 2)	Reduces left-turn and rear-end crashes on segments
Install Median U-turn Intersection (Alternative 1 & 2)	Reduces right-angle, left-turn and rear-end crashes at intersections
Closure and/or Formalization of Drivways (Alternative 1 & 2)	Reduces rightangle, right-turn and left-turn crashes at intersections

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

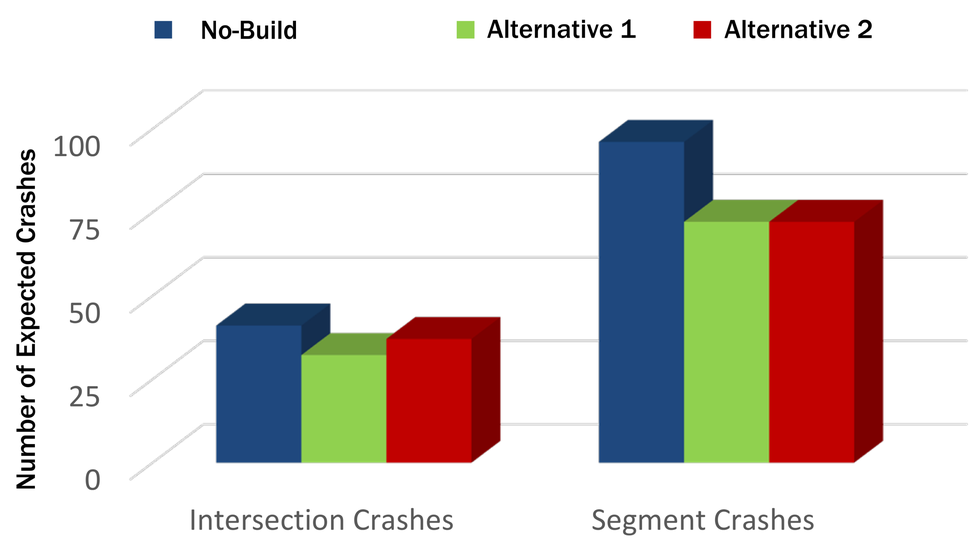
Preliminary Plans Subject to Change

LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1

Safety Analysis of Build Alternatives

Expected Impacts of Alternative 1 and Alternative 2

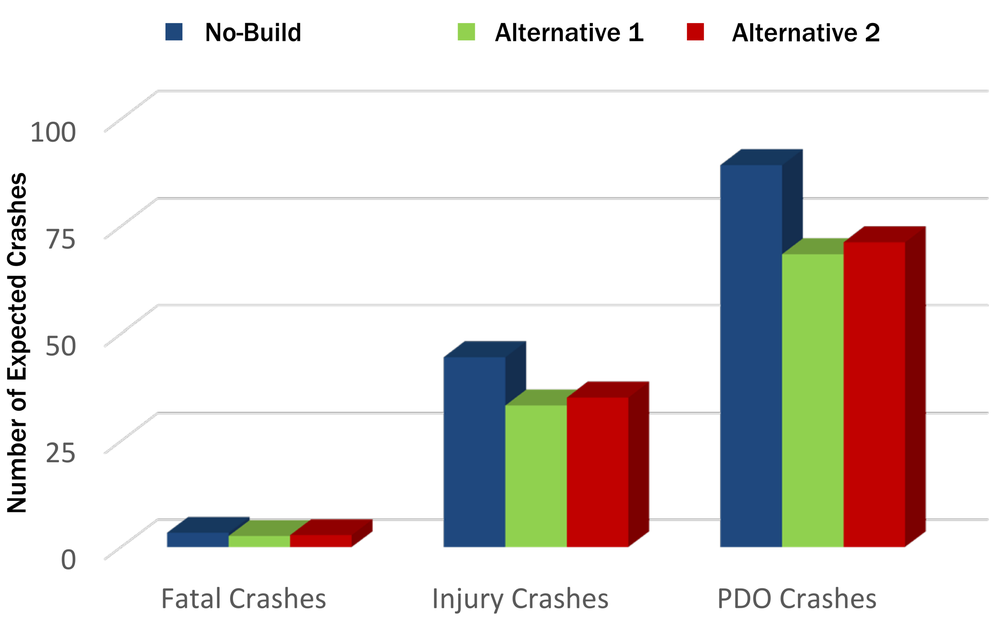
LA 3235 Crash Frequency - Future Year (2039)



Alternative 1
22% Reduction in intersection crashes
25% Reduction in segment crashes
47% Reduction in total crashes

Alternative 2
10% Reduction in intersection crashes
25% Reduction in segment crashes
35% Reduction in total crashes

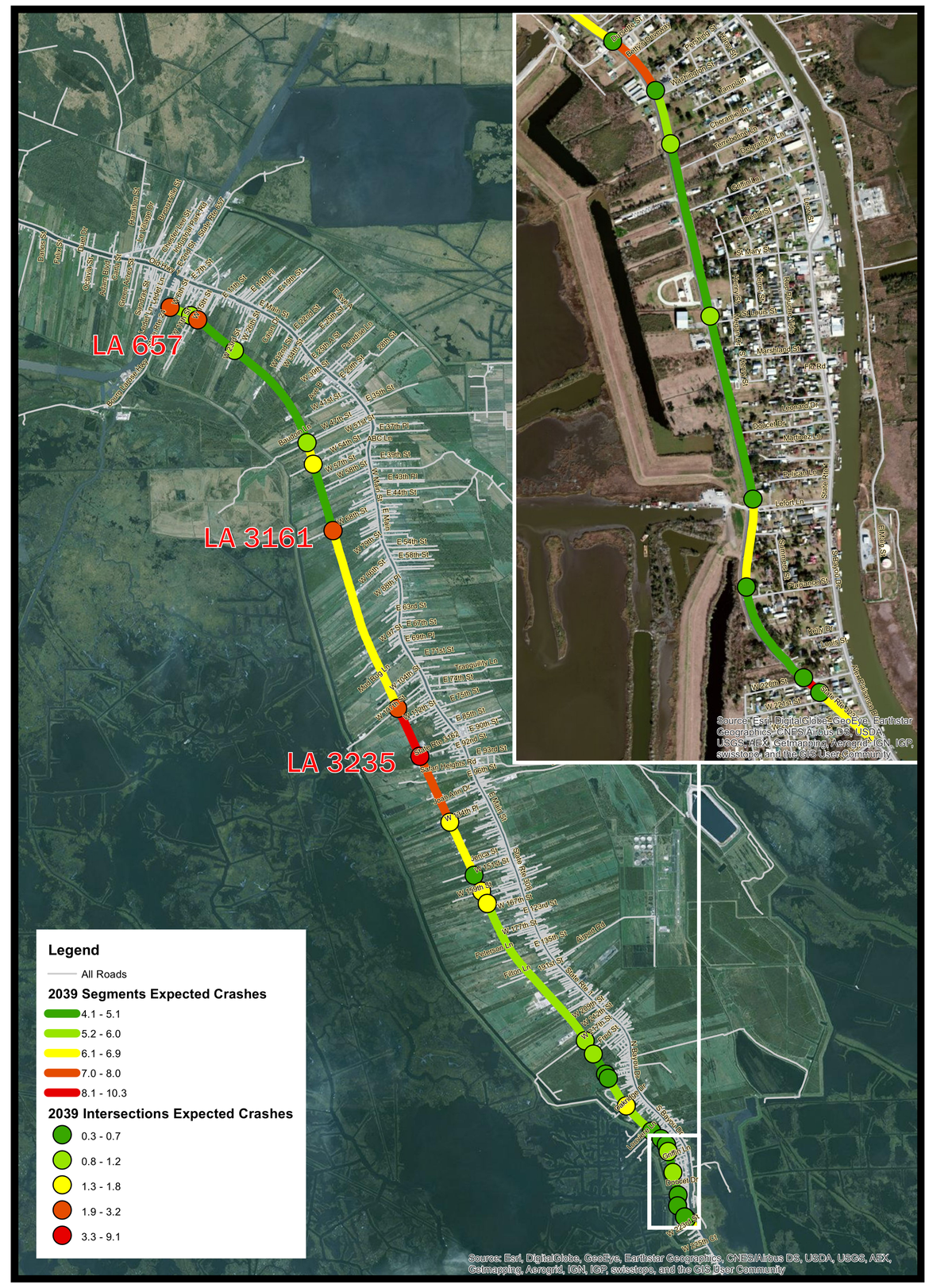
LA 3235 Crash Severity - Future Year (2039)



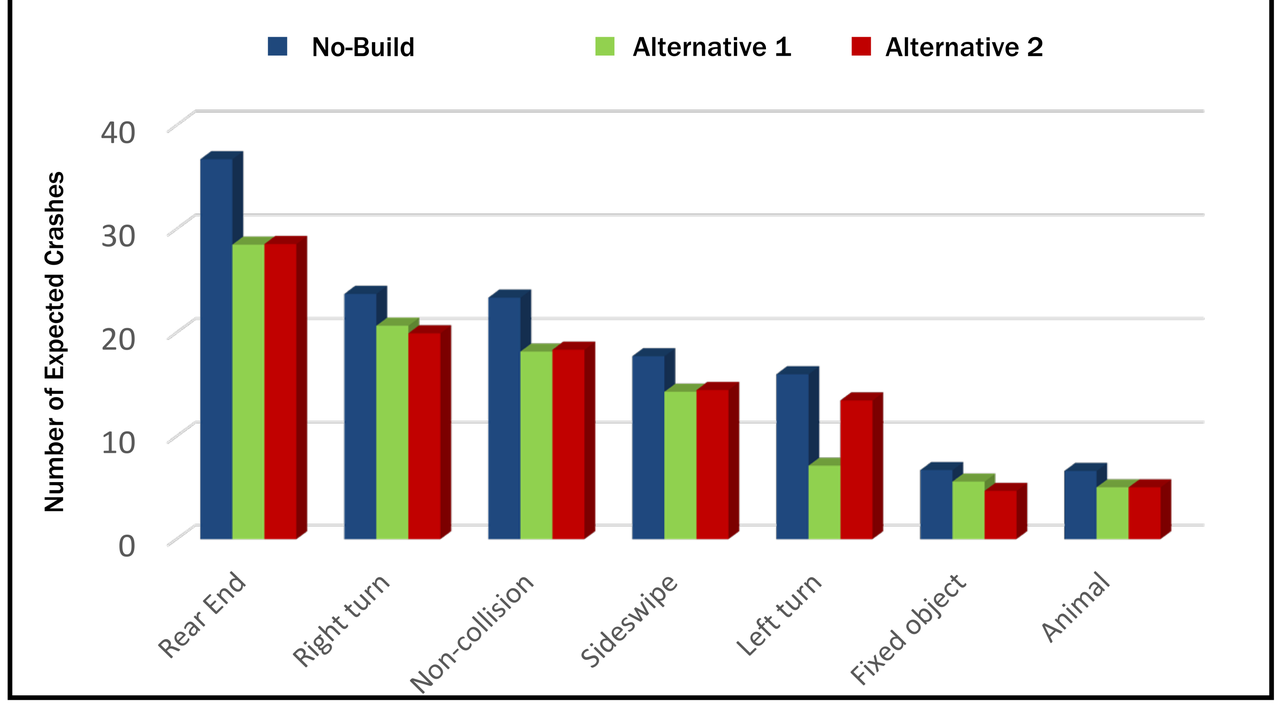
Alternative 1
22% Reduction in fatal crashes
25% Reduction in injury crashes
23% Reduction in PDO crashes

Alternative 2
16% Reduction in fatal crashes
21% Reduction in injury crashes
20% Reduction in PDO crashes

Future Year (2039) No-Build Expected Crash Frequency for Intersections and Segments



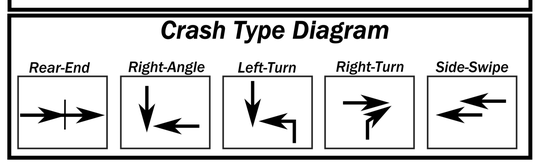
LA 3235 Crash Collision Type - Future Year (2039)



Alternative 1
55% Reduction in left-turn crashes
22% Reduction in non-collision crashes
22% Reduction in rear-end crashes
19% Reduction in sideswipe crashes
17% Reduction in fixed object crashes
13% Reduction in right-turn crashes

Alternative 2
30% Reduction in fixed object crashes
22% Reduction in non-collision crashes
22% Reduction in rear-end crashes
18% Reduction in sideswipe crashes
16% Reduction in right-turn crashes
16% Reduction in left-turn crashes

Crash Type Diagram



LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Preliminary Plans Subject to Change

LA 3235 CORRIDOR STAGE 0 FEASIBILITY STUDY
LAFOURCHE PARISH, LOUISIANA
STATE PROJECT NO H.010688.1