

APPENDIX I: TRAFFIC STUDY

APPENDIX I

TRAFFIC STUDY



Date: April 2018

Rev. 0

Technical Quality Review Record

Project #	60571915	Delivery Date	10-11-2018
Project Name	BA-153 MBSD	Originator	Greg Trahan
Client/Client POC	CPRA	Comments Due By	10-08-2018
PM Name	Bruce Lelong, PE	Assigned Individual(s):	Jonathan McDowell
Title of Work Product	Hwy. 23 Traffic Study - Existing Conditions Report		

Type	☐ Calculation Check	☐ Independent Review (IR)	☐ Interdisciplinary Coordination Review	☐ Specification Package Review
	☒ Discipline Review	☒ Verification	☐ Technical Approach/Solution	☐ Bidability Review
	☐ Subconsultant, Client, or Third-Party Information Review			
	☐ Other Specify (e.g. Construction Services documentation):			

Review Scope	☒ Technical edit for elements such as grammar, punctuation and formatting	☐ Soundness of approach/design	☐ Application of Statements of Limitations
	☒ Detail check of calculations and graphics	☒ Conformance with standards	☐ Basis and validity of conclusion/recommendation
	☒ Organization, clarity and completeness	☒ Completion of check	☐ Completion of review of client and third-party information
	☐ Technical Approach/Solution	☐ Other Specify:	

Quality Control (QC) Checking	For comments column, select N (None), HC (Hard Copy), EF (Electronic File – add network link), or (Review Comment Form)							
	Discipline	Description (Calc/Rpt/Dwg/Specs)	Comments	Network Link	Originator Initials	Date	Reviewer Initials	Date
	Gen	Report	EF	Electronic File	GT	10-10-18	JM	10-11-2018

Independent Review (ITR) Verification	(Note: Technical Quality Reviews are often iterative, requiring multiple rounds to verify accuracy and completeness of the work product. This section is to be completed by the Lead Verifier <u>after</u> verification of comment incorporation to include subsequent or new comments.)	
	Select:	
	☒ Lead Verifier has verified that comments have been adequately addressed. There are no outstanding issues.	
	or	
	☐ Lead Verifier has verified that comments have been adequately addressed, except for unresolved issues. Any unresolved issues have been submitted to the Project Manager or Designee for final resolution.	
	and	
	☒ Lead Verifier confirms that the work product is complete and in accordance with the technical approach/solution.	
	Digitally signed by McDowell, Jonathan DN: cn=McDowell, Jonathan, ou=USBTR2 Date: 2018.10.11 16:06:01 -05'00'	
	Lead Verifier Signature	Date
	Lead Verifier Signature	Date
	Digitally signed by Mohan, Garakhalli Date: 2018.10.11 14:49:33 -06'00'	
	Independent Reviewer Signature (if Delegated by Lead Verifier)	Date

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Quality Assurance (QA)
Approval

- ☒ Confirmation that the deliverable has been reviewed for overall completeness, compatibility and conformance with scope and other contract requirements; all applicable reviews have been completed and deliverable is ready for submission to the client.

Project Manager (or Designee) Signature

10-11-18

Date

Project Quality Manager Signature (as applicable)

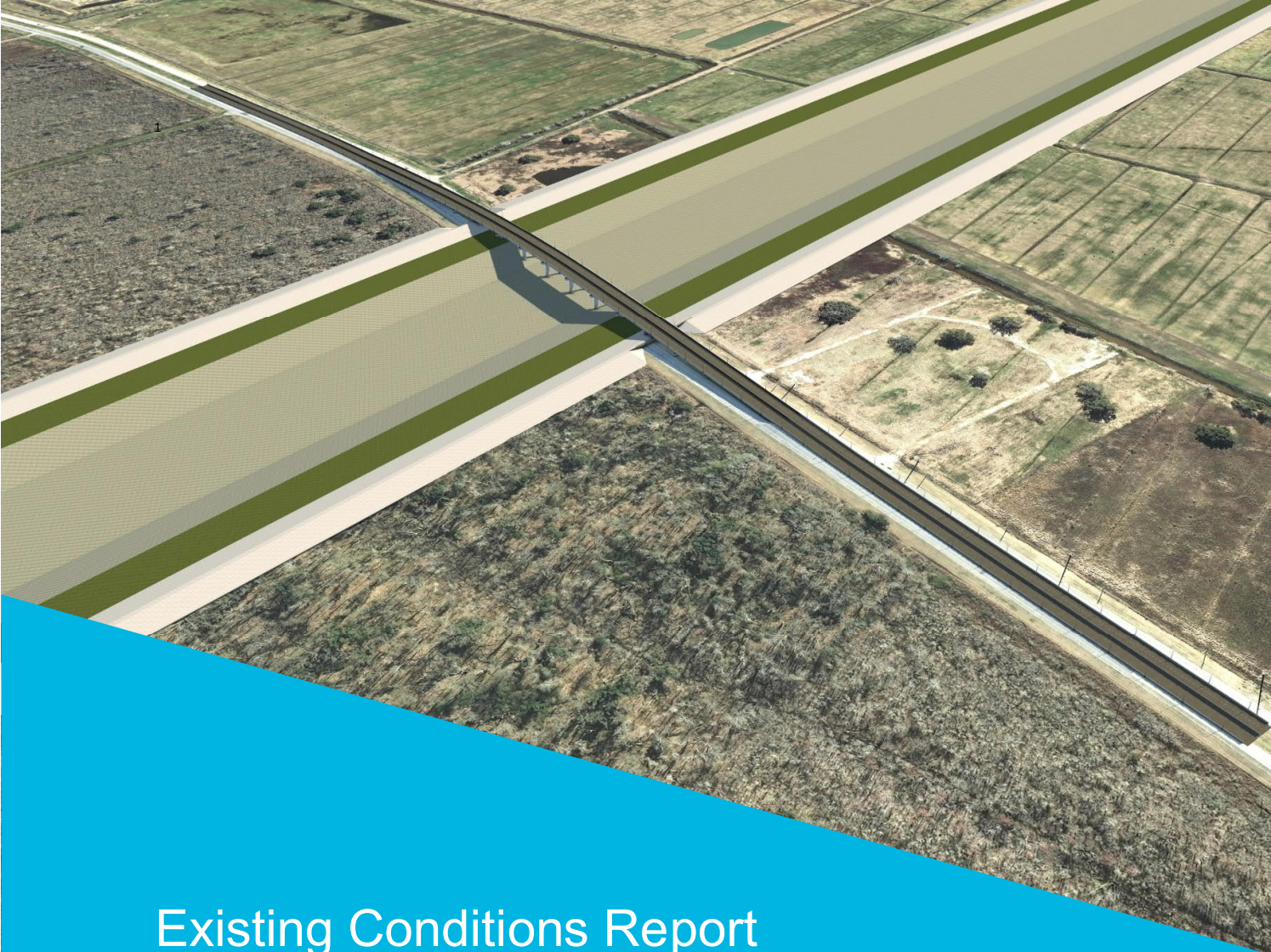
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Existing Conditions Report

Mid Barataria Sediment Diversion
Route LA 23

Coastal Restoration and Protection Authority

CPRA No. 4400013603
AECOM Project No. 60566074

June 2018



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150 Terrace Ave
Baton Rouge, LA 70802

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1.

1.1

2. INTRODUCTION

The Coastal Protection and Restoration Authority is proposing a new channel to connect the Mississippi River to the Barataria Basin with the goal of delivering sediment and rebuilding the delta marshes in the area. This would ultimately result in better coastal protection against sea level rise, subsidence and storm events. Construction of this new channel also requires the elevation of the currently at-grade segment of LA 23 to span the new channel, just south of the West Ravenna Road intersection with LA 23. Construction of a new bridge to elevate LA 23 above this new channel will result in relocation of one access point to a property adjacent to LA 23 and will likely close two median cross-over locations as shown in Figure 1-1. The study focuses on this segment of LA 23 in Plaquemines Parish and documents, existing, future year build conditions along with any required improvements to the roadway to maintain operations and safety at an acceptable level.

2.1.1 SCOPE OF WORK

AECOM Technical Services, Inc. has been tasked to perform a traffic study on LA 23 associated with the proposed Mid Barataria Sediment Diversion Project (MBSD). This study will analyze and determine the required lanes for the future capacity of the proposed bridge. Additionally, AECOM will review the existing safety conditions of the corridor and the impacts of the proposed corridor improvements. The study will utilize existing traffic counts, peak hours, and field observations to analyze future conditions. Proposed conditions will be analyzed using the VISTRO program.

2.1.2 STUDY AREA / PROJECT LOCATION

LA 23, through the study area, is a north-to-south state highway that serves Plaquemines Jefferson Parish. LA 23 is significant regional connector that serves Plaquemines and Jefferson parishes, and extends approximately 74 miles as a four-lane asphalt boulevard section with asphalt shoulders that connects Gretna down to Venice. Between Belle Chasse and Venice, the highway is the main thoroughfare along the western bank of the Mississippi River. This route provides the only access in and out of Plaquemines Parish and is a State of Louisiana evacuation route during hurricane season. The study area is located south of the ConocoPhillips Alliance Refinery and north of the town of Ironton in Plaquemines Parish. It includes approximately 3,900 feet of the existing LA 23 in the area of the MBSD. In this section, LA 23 has a grass median of 36 ft wide, with a 4-foot asphalt inside shoulder, and a 10-foot asphalt outside shoulder.



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Figure 2-1 PROJECT LOCATION



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3. DATA COLLECTION

Field data was collected in accordance with Louisiana Department of Transportation and Development's (LA DOTD) procedures. Initially, 7-day counts were conducted in the project area for LA 23. Based on analysis of 7-day counts, peak period and peak patterns were determined. Subsequently, peak hour counts were conducted during the identified peak periods to derive analysis volumes for existing conditions. The various types of data collected included 7-day and 24-hour machine counts, peak period turning movement counts and finally median and driveway counts. The various types of data collection tasks and analyses are discussed in the following sections.

3.1 7-DAY 24-HOUR AND APPROACH COUNTS

A 7 Day, 24-Hour count was taken on the corridor in order to determine the Peak Periods and Peak Hours along the corridor. These counts were taken at the following locations during mid-April, 2018:

- On LA 23 at the approximate proposed bridge location

24-Hour Approach counts were taken at several intersections along the corridor in order to determine the Peak Periods and Peak Hours along the corridor. These counts were taken at the following locations between late April and Mid-May, 2018:

- Four counts at the intersection of LA 23 and East/West Ravenna Road
- Three counts at the intersection of LA 23 and Ironton Road
- Three counts at the intersection of LA 23 and Plaquemines Parish Access Road

In addition, peak hour counts were conducted at driveways and median openings along the corridor for the study peaks. Finally, existing conditions volumes were balanced to yield the final analysis volume scenario. The location of these counts is shown in Figure 1-2. Detailed traffic count information is provided as Appendix A.



Figure 3-1 Data Collection Locations



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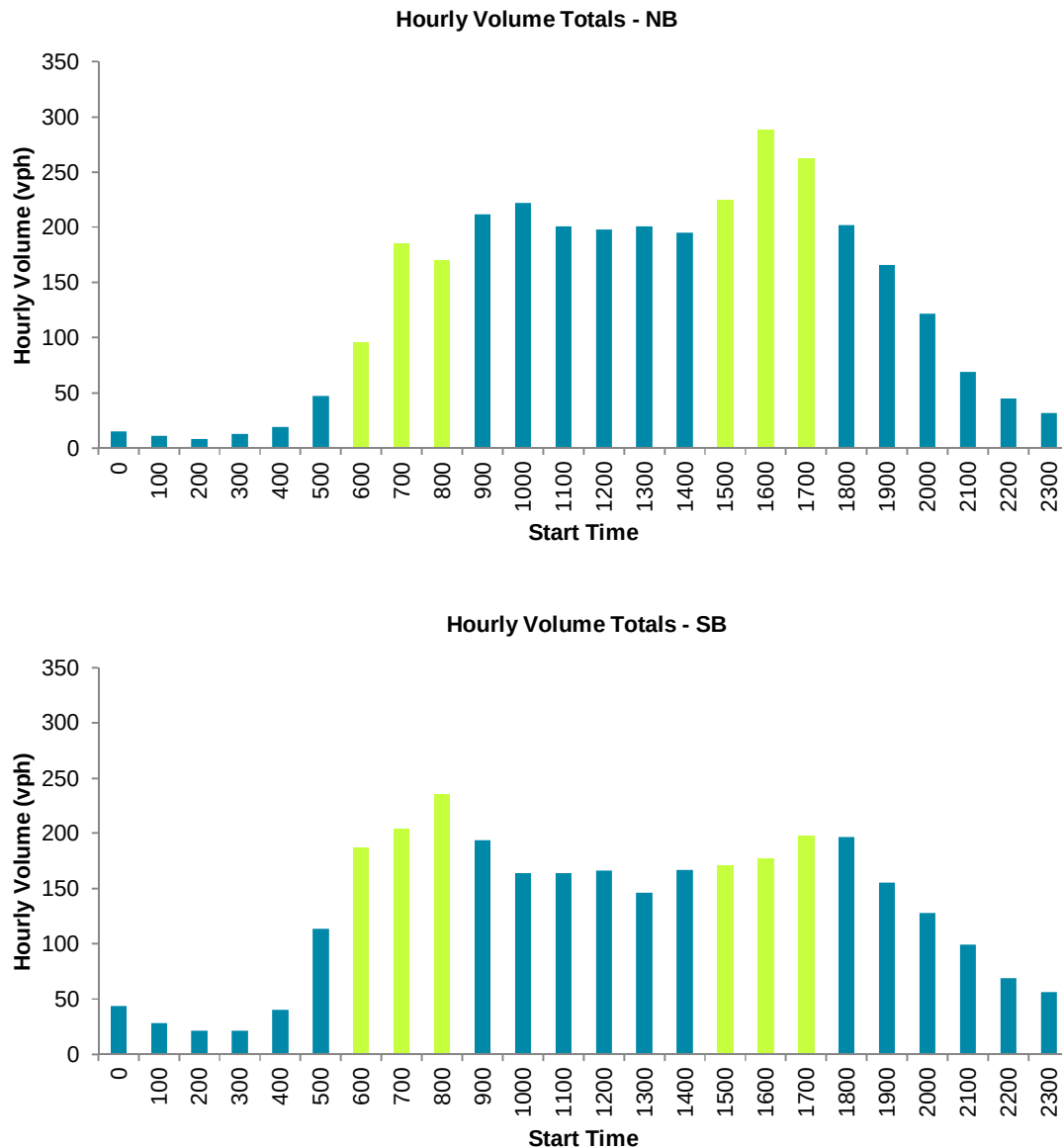
3.2 PEAK HOUR AND PEAK PERIOD FOR CORRIDOR

Based on the data collected from the 7-Day 24-Hour counts, a peak period and peak hour were determined..

3.2.1.1

Classification counts conducted over a period of 7 days was reviewed to determine the peak periods for AM and PM periods. Volume data indicates that the AM peak period extends from 6:00 AM to 9:00 AM and the PM peak period extends from 3:00 PM to 6:00 PM. Daily volume variation is shown in Figure 1-3 and raw volume data is included in **Appendix A**.

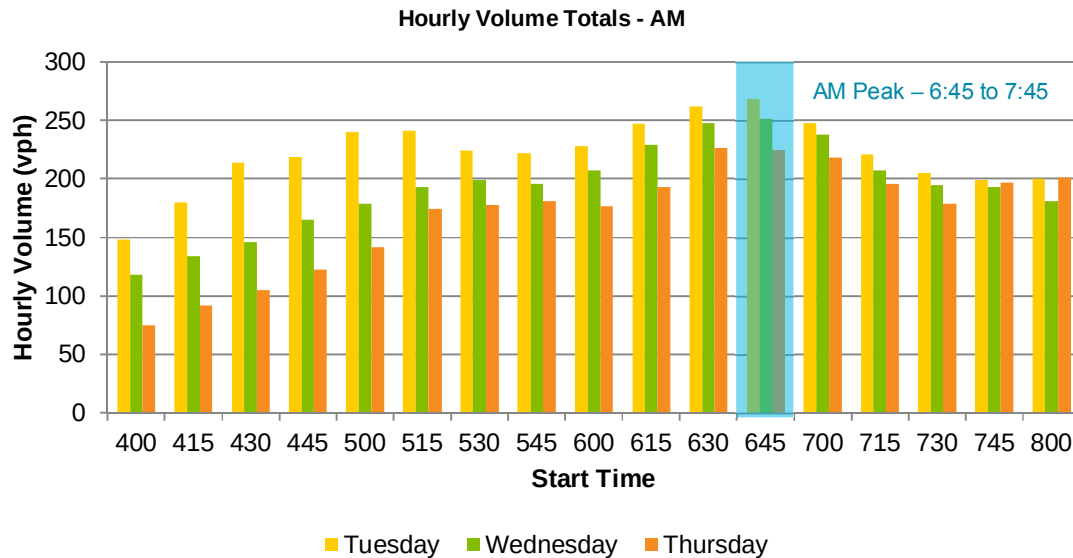
Figure 3-2 Daily Volume Variation Along LA 23

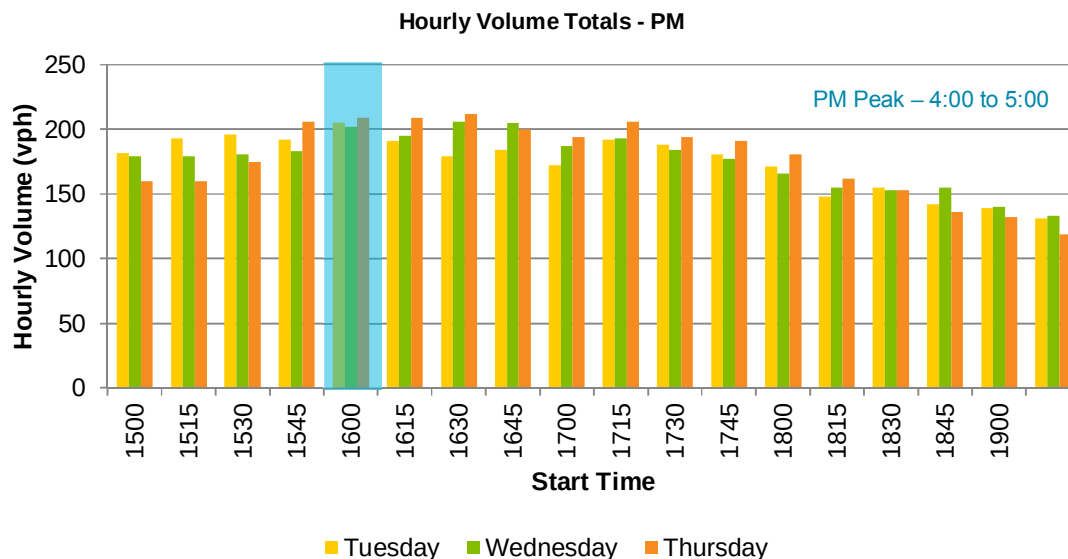


3.2.2 PEAK HOURS

The peak hour was analyzed using the Tuesday, Wednesday and Thursday counts from the 7 Day, 24-Hour Counts. Morning (AM) and evening (PM) peak hours were derived from the existing counts. Figure 1-4 shows the variation of volumes during the AM and PM peak. Peak hour for AM peak period is from 6:45 AM to 7:45 AM and for PM peak period is from 4:00 PM to 5:00 PM. The peak hour summary can be found in **Appendix A**.

Figure 3-3 Hourly Volume Variation During Peak Periods





3.3 PEAK PERIOD OBSERVATION

LA 23 is a four lane road that connects the southeast tip of Louisiana to New Orleans. This corridor is heavily used to transport personnel, equipment, and material to the mouth of the Mississippi River in order to provide secondary transport to off shore platforms. The corridor is also heavily used by sportsmen to access waterways for fishing and hunting purposes. The posted speed limit within the area is 65 MPH. The study corridor, on LA 23, is located within a rural area. Due to the rural vicinity of the project limits, pedestrian and bicycle traffic is not prevalent to almost non-existent. There are however a number of heavy vehicles that utilize the corridor. During the observation times, numerous dump trucks and tractor trailers were observed on the corridor. There are two minor street stop-controlled intersections on the corridor that will be studied: LA 23 at Ravenna Road and LA 23 at Ironton Road.

LA 23 at Ravenna Road is a four legged unsignalized intersection located within the northern limits of the project. The northbound leg has two through lanes with a shared right turn. The southbound leg has a through lane, a shared through and right lane, and an exclusive left turn lane. The eastbound and westbound legs both have a shared through, right, and left turn lane that is stop-sign protected. During the observation times, no substantial queuing was observed. There were times when a single vehicle was in queue in the southbound left turn lane waiting for a gap in the northbound traffic. In general, the gap wait time was short and the vehicle was able to make a left turn maneuver. Westbound Ravenna Road also experienced a single vehicle queue while waiting for a gap in traffic. This queue was generally short, and the vehicle was able to make a left or right turn without any issue. The eastbound Ravenna Road had no traffic within the observation time. No queue map of the intersection of LA 23 at Ravenna Road is provided since no queueing traffic was observed within the observation period.

LA 23 at Ironton Road is a three-legged unsignalized intersection located within the southern limits of the project. The northbound leg has two through lanes with a shared right turn. The southbound leg has two through lanes with a shared left turn option. The westbound leg has a shared through, right, and left turn lane that is stop-protected. During the observation only one car was observed making a left turn, from southbound LA 23, onto



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Ironton Road. There were three vehicles observed coming out of Ironton Road. These vehicles waited for gaps within the traffic on northbound LA 23. No queue map of the intersection of LA 23 at Ironton Road is provided since no queueing traffic was observed within the observation period.

3.4 GROWTH RATE METHODOLOGY

Historical annual average daily traffic (AADT) was collected from 5 LA DOTD station counters along the corridor. Data ranged from 2003 to 2012. A polynomial regression analysis was performed on the data. Three stations had an R-squared value greater than .85, and were deemed to be a good fit to calculate the annual growth. Due to the polynomial nature of the historical data, an annual growth rate of 1.69% was used to estimate 2025 AADT and 2.21% was used to estimate 2045 AADT for the corridor.

The growth rate calculations can be found within **Appendix B**.

3.5 GEOMETRIC FIELD REVIEW

AECOM conducted a field visit on Friday, June 1, 2018. A visual inspection of the road and pavement markings indicated that they were in good condition. Rumble strips were present on the outside lane edge and were in good condition.

At the intersection of LA 23 and Ravenna Road, a visual review of the intersection did not indicate any potential issues with line of sight or signing or markings. W. Ravenna Road is a gravel road with no surface markings. E. Ravenna Road had a several commercial trucks making a left from LA 23. No street lights were present at the intersection. Pictures and field forms can be found within **Appendix B**.

At the intersection of LA 23 and Ironton Road, a visual review of the intersection did not indicate any potential issues with line of sight, signing or markings, and artificial lighting. Pictures and field forms can be found within **Appendix B**.



4. EXISTING ANALYSIS

The existing traffic volumes collected in the field were analysed using VISTRO software. The program was used to perform all intersection and arterial operational analyses. The study area consists of unsignalized intersections, median openings, and commercial driveways. The capacity analyses performed followed the guidelines and procedures outlined in the Highway Capacity Manual (HCM 2010) for unsignalized intersection and arterial capacity.

The findings of the delay values are expressed by a "grade" or level of service (LOS) ranging from LOS A, the best, to LOS F, the worst are assigned. Generally, a LOS D or better is considered acceptable.

4.1 SAFETY/CRASH ANALYSIS

The purpose of the crash analysis was to identify trends and locations of past accidents along the corridor that can be used to propose countermeasures as part of alternatives that will improve the safety of the corridor. These countermeasures will be analysed using the AASHTO Highway Safety Manual to determine overall crash reduction.

Control Section 062-02

Beg Logmi	End Logmi	Par ish	Func Sys	ADT	Lanes	Pave Type	Pave Width	Shldr Width	Med Type	Med Width	Route	Len
16.995	18.85	Pla	4-MiArt	9300	4	bitcon	24	4	divid	30	LA 23	1.74

4.1.1 CRASH REPORTS

AECOM reviewed the crash data from 2012 to 2016 within the DOTD Crash 1 program. There were 19 total crashes during the four-year period caused by varying reasons. Five of the 19 crashes are due to animal-vehicle collisions with wildlife crossing the road. In a rural area, animal crashes are inevitable and can be extremely hard to avoid. The next most common type of crash type were due to construction obstructions. There were 5 construction related crashes. These crashes were caused by a lane transition that led to a concrete barrier separating two lanes. The construction is no longer an issue as it is not present anymore. There were 3 rear-end crashes caused by human error such as high speed, distractions, or driving too closely to the car in front. In addition, there were 2 left-turn crashes at intersections reportedly due to the driver not seeing an oncoming vehicle. There was also 1 crash due to objects in the roadway, 1 crash due to weather conditions, 1 right turn movement crash, and a motor cycle crash believed to be due to intoxication.

4.1.2 COLLISION DIAGRAM

Collision diagrams are used to display and identify crash patterns. They provide information on the type and number of crashes along with the visual map of the area in relation to crash sites.

The collision diagram for the MBSD corridor is represented within **Appendix C**. The diagram indicates that the majority of the crashes are occurring near the LA 23 and Ravenna intersection. Most occurred in 2015, which was the time period of construction. It is likely that the issues that factored into the construction crashes have been eliminated, but will need to be considered during bridge construction.



4.1.3 SUMMARY OF CRASH DATA

The highest number of crashes within the study area was non-collision crashes. **Non-collision** crashes accounted for 9 of the 18 recorded crashes. At a rate of 52.6% of the total crashes, this is much higher than the state average of 18.8%. The large discrepancy could potentially be due to the presence of wildlife crossing and the increased potential for vehicle-wildlife crashes and the presence of prior construction activities.

Rear-end crashes were the second most frequently occurring type of crashes occurring in the study, at 15.8%. However, it did not exceed the state average of 38.5%.

Figure 2-2 Collision Manner indicates the type of crashes and the crash types.

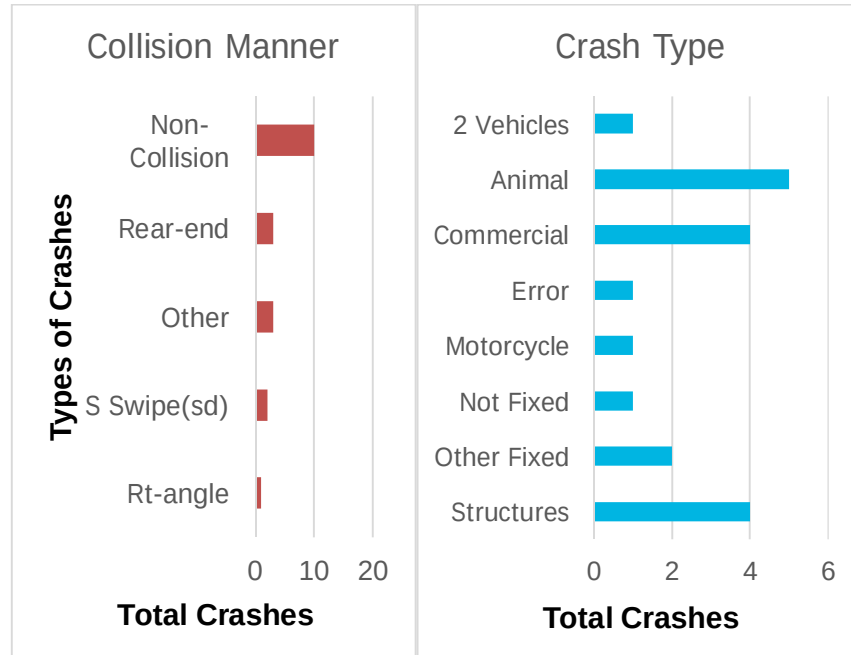


Figure 4-1 COLLISION MANNER

Manner of Collision	Total Crashes	State Avg	Prj Avg	Parish-wide Average (State Route)*	LA 23 Crash Rate
Non Coll	10	18.88%	54.55%	86.93	0.60
Rear End	3	38.49%	9.09%		
Head On	0	0.76%	0.00%		
Rt Angle	1	7.95%	0.00%		
Left Turn-e	0	2.33%	0.00%		
Left Turn-f	0	2.15%	0.00%		
Left Turn-g	0	2.05%	0.00%		
Right Turn-h	0	1.63%	0.00%		
Right Turn-i	0	0.15%	0.00%		
S Swipe(sd)	2	16.60%	9.09%		
S Swipe(od)	0	0.80%	0.00%		



Other	3	8.21%	27.27%		
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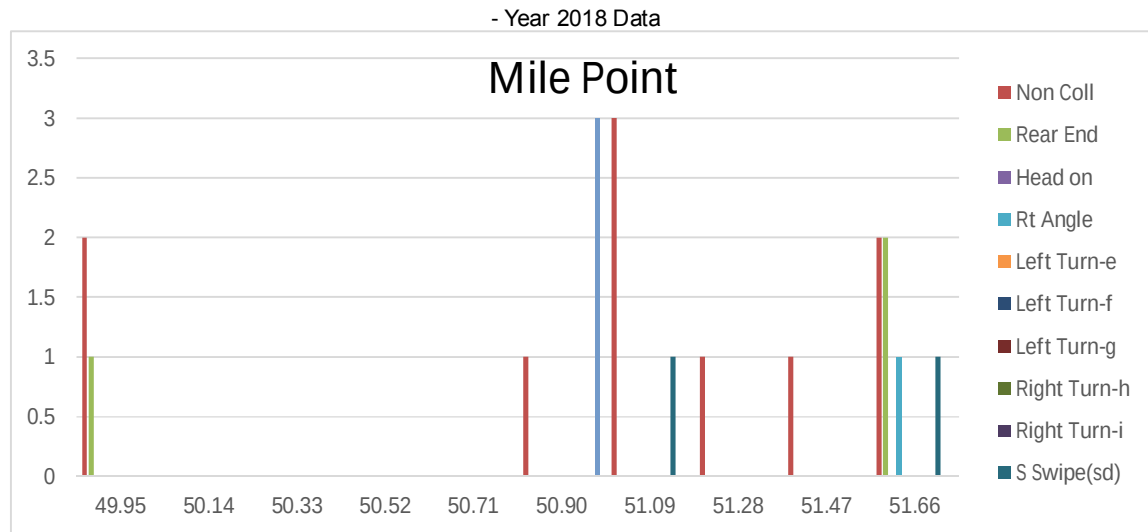


Figure 4-2 MILE POINTS

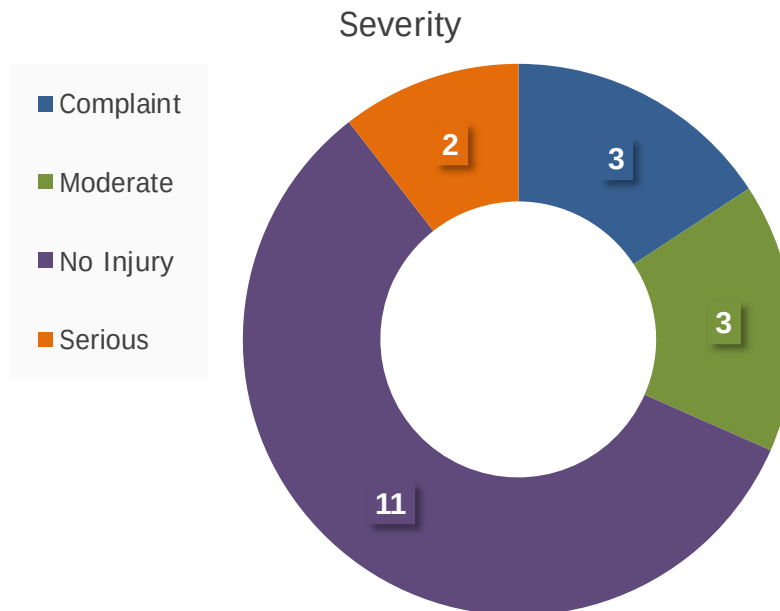


Figure 4-3 CRASH SEVERITY

Of the 19 crashes, 57.8% were non-injury crashes. Serious crashes only accounted for 10.5%. The moderate and complaint crashes hold values of 15.8% each.



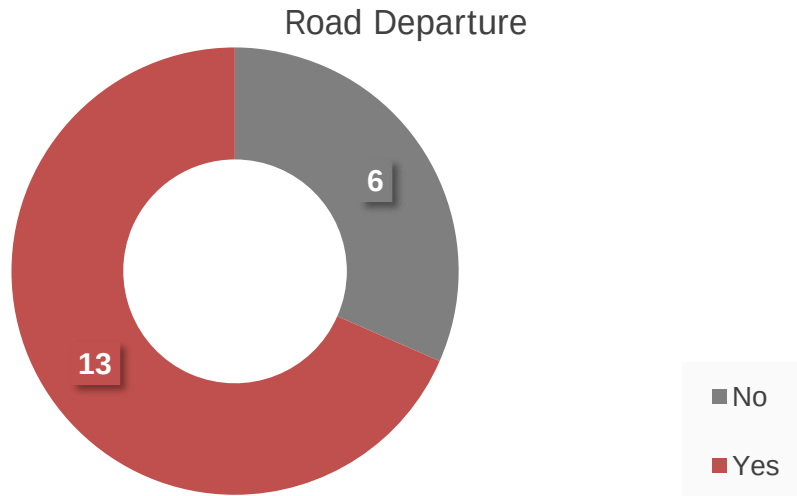


Figure 4-4 ROAD DEPARTURE

Due to the majority of crashes reporting as non-collision, there is a majority of road departure crashes at 68.4%. The other 31.6% crashes with no road departure were mainly collision crashes.

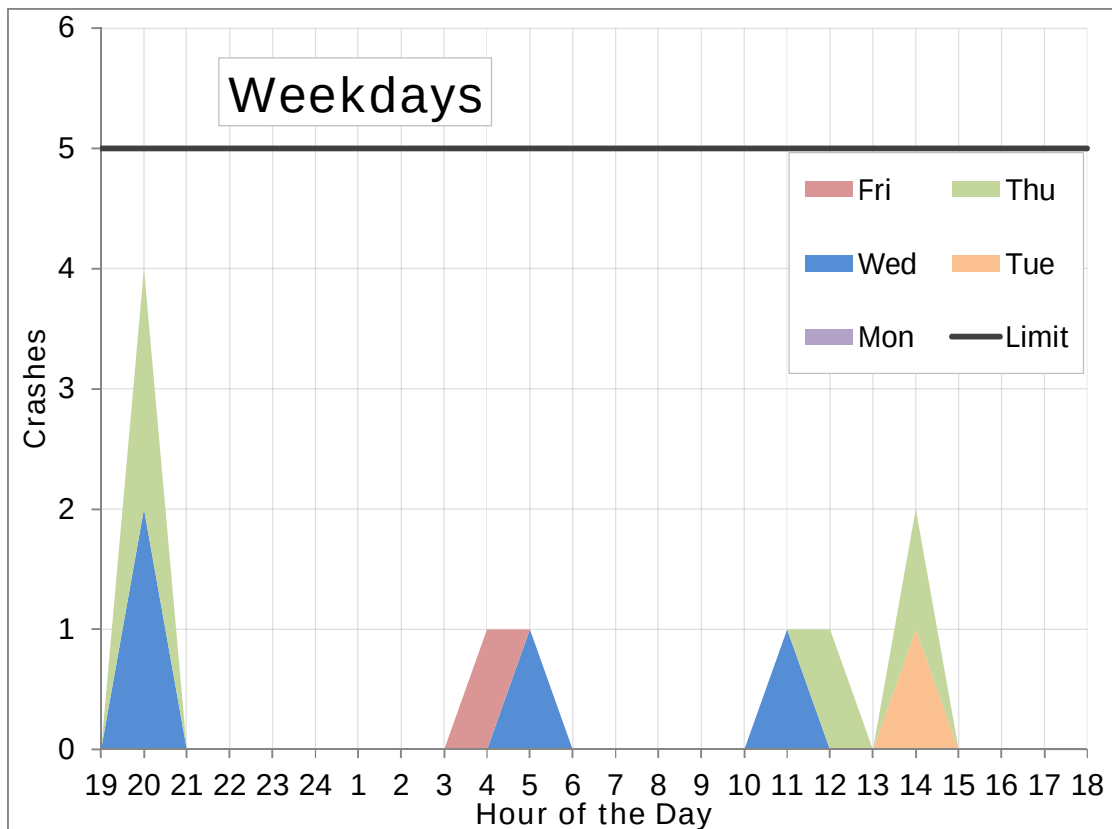


Figure 4-5 WEEKDAY OUTPUTS



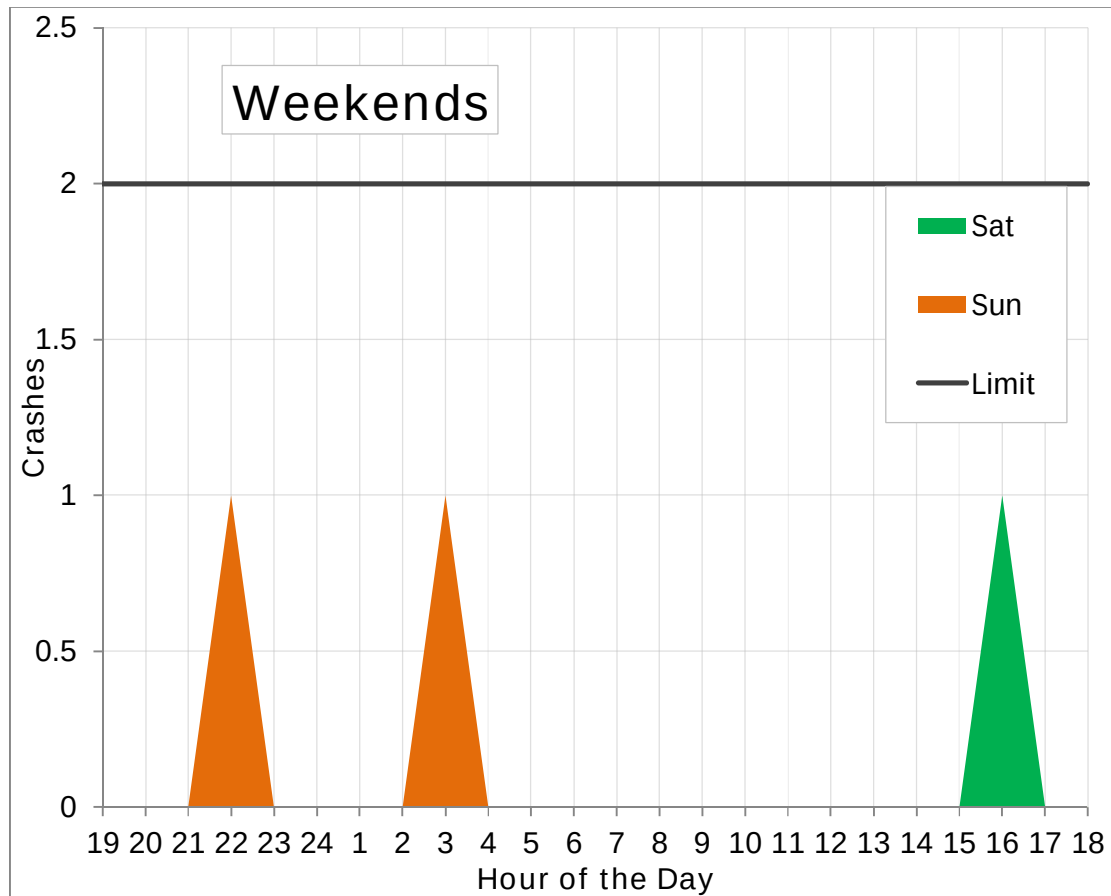


Figure 4-6 WEEKEND OUTPUTS

Including both weekday and weekend output rates, 64.4% occurred during the night between the hours of 7:00 PM and 6:00 AM. Daylight hour crashes only accounted for 35.6% of the crashes.



4.2 EXISTING NETWORK ANALYSIS

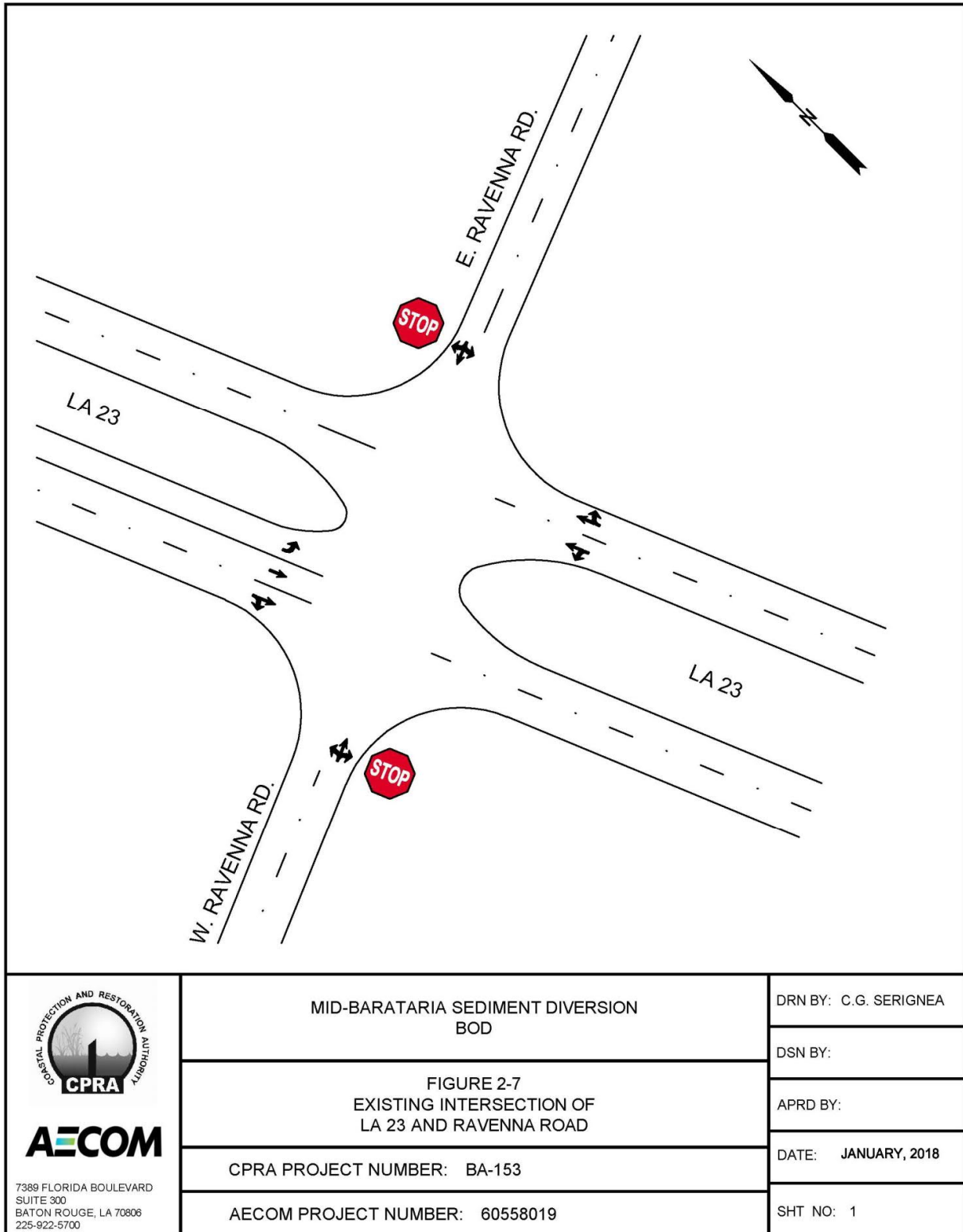
The existing analysis network included intersections and median turn-arounds from Ravenna Road to the Plaquemine Parish Access Road. A VISTRO model was created to analyze each intersection within the corridor. 2018 traffic counts were collected in May 2018, which included turning movement counts, as well as truck and bus percentages. This information along with the existing roadway geometry and used as the basis for analysis for the existing conditions. The Highway Capacity Manual (HCM) 6th Edition methodology was used for analysis and reporting.

4.2.1 INTERSECTION ANALYSIS

LA 23 at Ravenna Road is a four legged unsignalized intersection located within the northern limits of the project. The northbound leg has two through lanes with a shared right turn. The southbound leg has a through lane, a shared through and right lane, and an exclusive left turn lane. The eastbound and westbound legs both have a shared through, right, and left turn lane that is stop-sign protected. The intersection of LA 23 at Ravenna Road is represented in **Figure 2-7**.

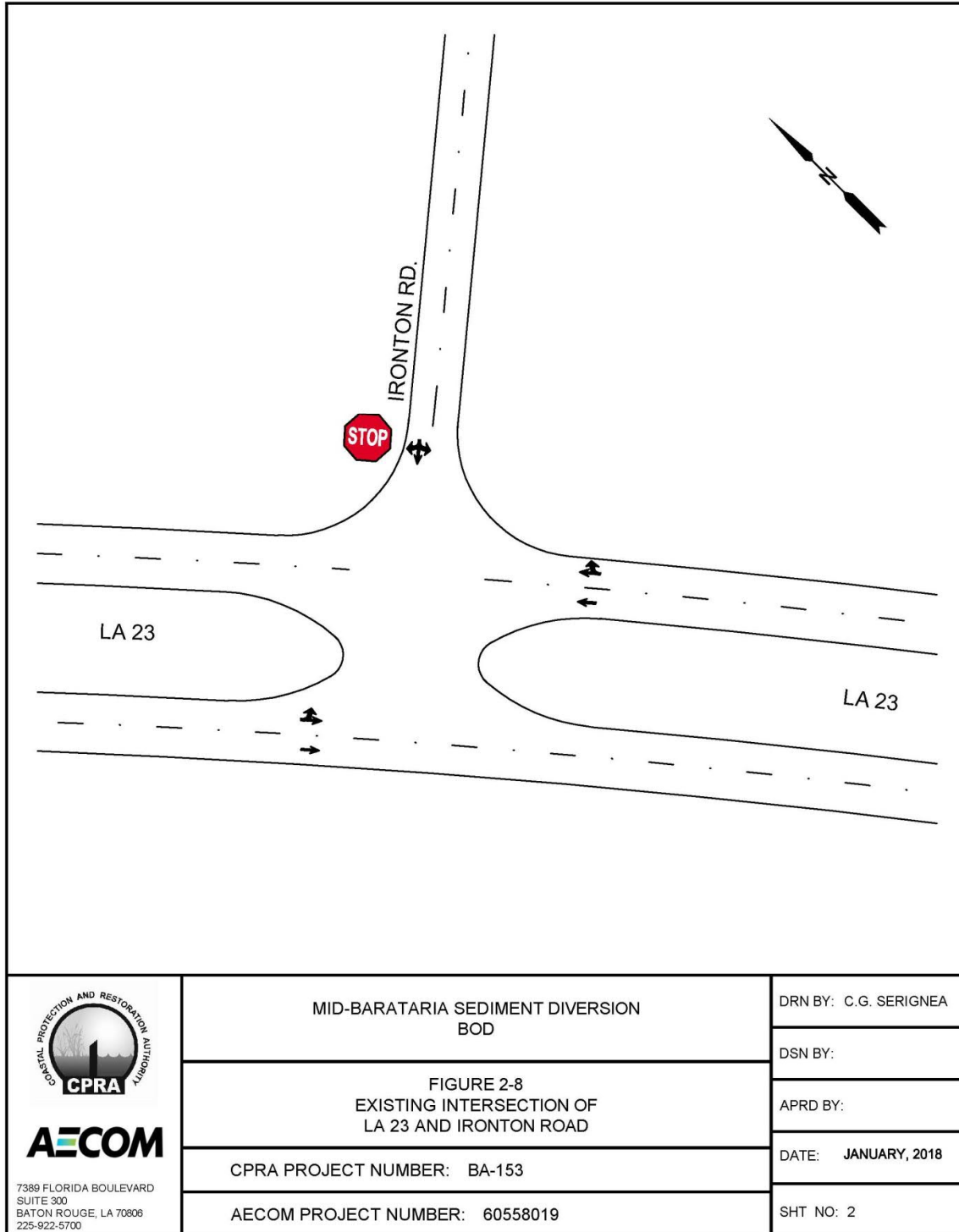


Figure 4-7 EXISTING INTERSECTION OF LA 23 AT RAVENNA ROAD

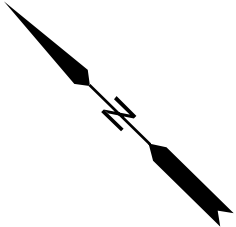
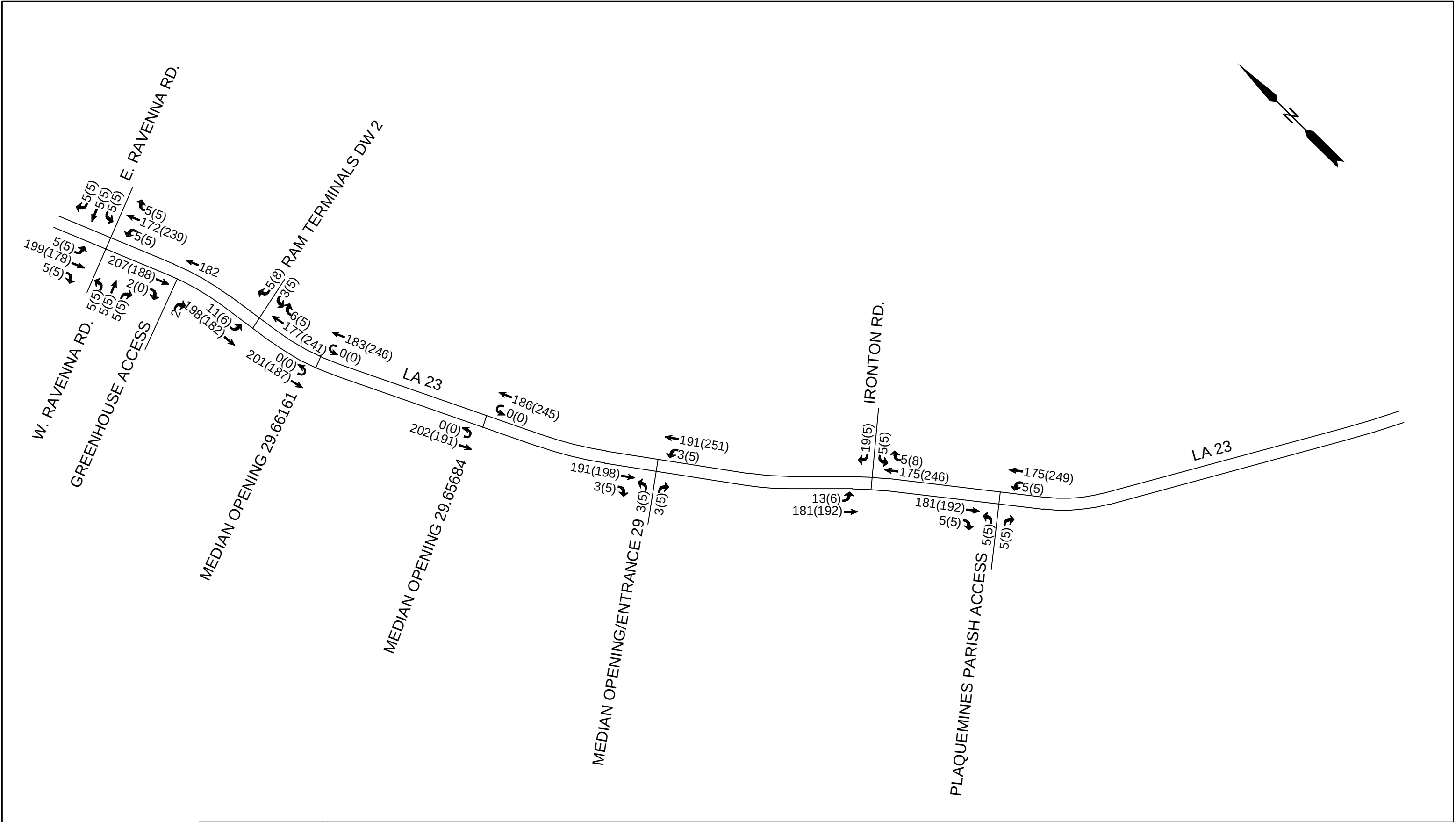


LA 23 at Ironton Road is a three-legged unsignalized intersection located within the southern limits of the project. The northbound leg has two through lanes with a shared right turn. The southbound leg has two through lanes with a shared left turn option. The westbound leg has a shared through, right, and left turn lane that is stop protected. The intersection of LA 23 at Ironton Road is represented in **Figure 2-8**.

Figure 4-8 EXISTING INTERSECTION OF LA 23 AT IRONTON ROAD



C:\pwworking\aescom\ds16_rakerey\seignas\2017\TRAFFIC TURNING COUNTS.dwg, Jul 19, 2018, 4:22:10PM, seignas



LEGEND
XXX(XXX) AM(PM)

PRELIMINARY FOR PERMIT PURPOSE ONLY MARK GONSKI ENGINEER OF RECORD LA STATE LICENSE NO. 26817 CIVIL DISCIPLINE JULY 2018 DATE						 7389 FLORIDA BOULEVARD SUITE 300 BATON ROUGE, LA 70806 225-922-5700	 LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY COASTAL ENGINEERING DIVISION 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	MID-BARATARIA SEDIMENT DIVERSION PLAQUEMINES PARISH, LOUISIANA		2018 TURNING MOVEMENT COUNTS	
								CPRA PROJECT NUMBER: BA-153			
								AECOM PROJECT NUMBER: 60558019		DATE: JULY 2018	
	REV.	DATE	DESCRIPTION	BY				APPROVED BY:	APPROVED BY:	DRAWING	FIGURE 2-9 SHEET

4.3 SUMMARY AND FINDINGS OF OVERALL STUDY AREA

Results were evaluated using Ptv VISTRO and the results are shown in **Tables 2-1** through **2-4**. The program output files are included in **Appendix D**.

4.3.1 AM Peak Analysis

The Ptv VISTRO analysis shows that the intersections along the study area of LA 23 operate within an acceptable LOS of an A or B. There is no heavy queuing within the intersections. Overall the intersections within the study corridor operate within an acceptable LOS without much queuing.

Table 4-1 Existing (2018) Intersection Operational Analysis AM

Intersection Locations	NB		SB		EB		WB		OVERALL DELAY	LOS
	DELAY	LOS	DELAY	LOS	DELAY	LOS	DELAY	LOS		
LA 23 at Ravenna Road	0.21	A	0.18	A	10.29	B	10.22	B	11.30	B
LA 23 at Greenhouse Access	0.00	A	0.00	A	8.88	A	-	-	8.90	A
LA 23 at Driveway 2	0.00	A	0.40	A	-	-	9.34	A	10.20	B
LA 23 at Median Opening 1	0.00	A	0.00	A	-	-	-	-	8.40	A
LA 23 at Median Opening 2	0.00	A	0.00	A	-	-	-	-	8.40	A
LA 23 at Median Opening 3	0.12	A	0.00	A	9.51	A	-	-	10.20	A
LA 23 at Ironton Road	0.00	A	0.51	A	-	-	9.14	A	10.20	B
LA 23 at Plaquemines Parish Access Driveway	0.21	A	0.00	A	9.47	A	-	-	10.10	B



Table 4-2 QUEUE LENGTH ANALYSIS OF EXISTING (2018) INTERSECTIONS AM

Intersection Locations	NB			SB			EB			WB		
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]		
LA 23 at Ravenna Road	0.01	0.01	0.00	0.01	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05
LA 23 at Greenhouse Access	-	0.00	-	-	0.00	0.00	-	-	0.01	-	-	-
LA 23 at Driveway 2	-	0.00	0.00	0.02	0.01	-	-	-	-	0.02	-	0.02
LA 23 at Median Opening 1	0.00	0.00	-	0.00	0.00	-	-	-	-	-	-	-
LA 23 at Median Opening 2	0.00	0.00	-	0.00	0.00	-	-	-	-	-	-	-
LA 23 at Median Opening 3	0.01	0.00	-	-	0.00	0.00	0.01	-	0.01	-	-	-
LA 23 at Ironton Road	-	0.00	0.00	0.03	0.01	-	0.06	-	0.06	-	-	-
LA 23 at Plaquemines Parish Access Driveway	0.01	0.01	-	-	0.00	0.00	0.02	-	0.02	-	-	-



4.3.2 PM Peak Analysis

The Ptv VISTRO analysis shows that the intersections along the study area of LA 23 operate within an acceptable LOS of an A or B. There is no heavy queuing within the intersections. Overall the intersections within the study corridor operate within an acceptable LOS without much queuing.

Table 4-3 Existing (2018) Intersection Operational Analysis PM

Intersection Locations	NB		SB		EB		WB		OVERALL DELAY	LOS
	DELAY	LOS	DELAY	LOS	DELAY	LOS	DELAY	LOS		
LA 23 at Ravenna Road	0.15	A	0.21	A	10.37	B	10.61	B	11.70	B
LA 23 at Greenhouse Access	0.00	A	0.00	A	8.82	A	-	-	8.80	A
LA 23 at Driveway 2	0.00	A	0.25	A	-	-	9.58	A	10.50	B
LA 23 at Median Opening 1	0.00	A	0.00	A	-	-	-	-	8.60	A
LA 23 at Median Opening 2	0.00	A	0.00	A	-	-	-	-	8.60	A
LA 23 at Median Opening 3	0.15	A	0.00	A	9.63	A	-	-	10.40	B
LA 23 at Ironton Road	0.00	A	0.24	A	-	-	9.79	A	10.60	B
LA 23 at Plaquemines Parish Access Driveway	0.15	A	0.00	A	9.60	A	-	-	10.30	B



Table 4-4 QUEUE LENGTH ANALYSIS OF EXISTING (2018) INTERSECTIONS PM

Intersection Locations	NB			SB			EB			WB		
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]			QUEUE LENGTH (95 TH) [VEH/LN]		
LA 23 at Ravenna Road	0.01	0.01	0.00	0.01	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05
LA 23 at Greenhouse Access	-	0.00	-	-	0.00	0.00	-	-	0.00	-	-	-
LA 23 at Driveway 2	-	0.00	0.00	0.01	0.01	-	-	-	-	0.03	-	0.03
LA 23 at Median Opening 1	0.00	0.00	-	0.00	0.00	-	-	-	-	-	-	-
LA 23 at Median Opening 2	0.00	0.00	-	0.00	0.00	-	-	-	-	-	-	-
LA 23 at Median Opening 3	0.02	0.02	-	-	0.01	0.01	0.00	-	0.00	-	-	-
LA 23 at Ironton Road	-	0.02	0.02	0.00	0.00	-	0.01	-	0.01	-	-	-
LA 23 at Plaquemines Parish Access Driveway	0.02	0.02	-	-	0.01	0.01	0.00	-	0.00	-	-	-



Appendix A

INITIAL DATA COLLECTION

7-Day, 24 Hour Counts

Peak Period and Hour Analysis



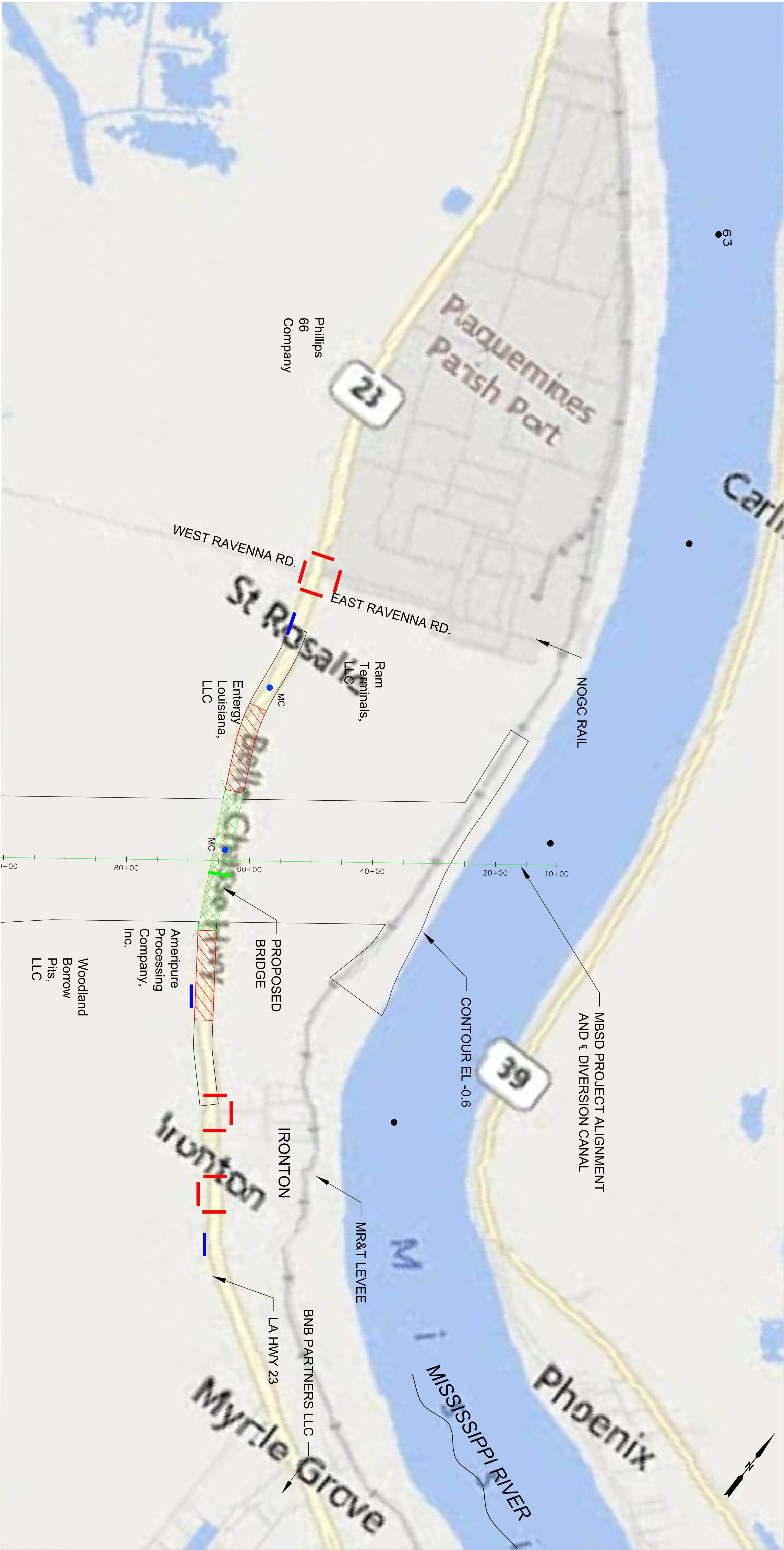
Prepared for:

I:\Projects\CPRA\Mid-Barataria\60571915-Taks Order #3\400-Technical\430 Transportation\Traffic Report\Mid-Barataria Traffic Analysis Report. 100818 v2-GDT.docx

This correspondence and the information contained herein is prepared solely for the purpose of identifying, evaluating and planning safety improvements on public roads which may be implemented utilizing federal aid highway funds; and is therefore exempt from discovery or admission into evidence pursuant to 23 U.S.C. 40

AECOM Imagine it.
Delivered.

A



LEGEND:

7 DAY - 24 HR COUNTS AND 48 HOUR COUNTS

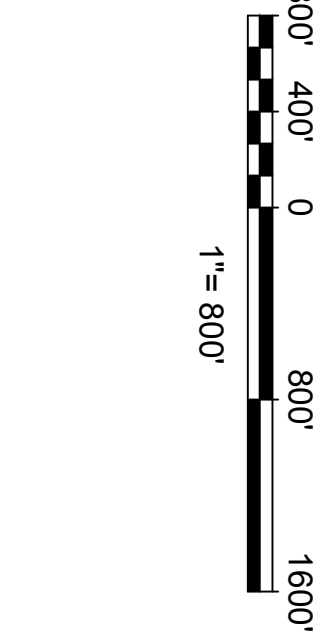
24 HR APPROACH COUNTS

DRIVEMWAY COUNT

MC MEDIAN COUNTS

PROPOSED BRIDGE

PROPOSED ROADWAY IMPROVEMENTS



PRELIMINARY NOT FOR CONSTRUCTION				REV.	DATE	DESCRIPTION	BY
MARK GONSKI ENGINEER OF RECORD LA 29817 STATE LICENSE NO. CIVIL DISCIPLINE OCTOBER 2018 DATE							

AECOM

7389 FLORIDA BOULEVARD
SUITE 300
BATON ROUGE, LA 70806
225-922-5700

COASTAL PROTECTION AND RESTORATION
AUTHORITY
CPRA

LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY COASTAL ENGINEERING DIVISION			MID-BARATARIA SEDIMENT DIVERSION BOD PHASE		TRAFFIC COUNT LOCATIONS	
DRAWN BY: PB DESIGNED BY: JM			CPRA PROJECT NUMBER: BA-153		DATE: OCTOBER 2018	
			AECOM PROJECT NUMBER: 60571915		SHEET TCL	

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

* Tuesday, April 17, 2018 - Wednesday, April 18, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	
Mean	Vpp	1	2	3	4	5	6	7	8	9	10	11	12	13
1500	85	0	19	27	1	7	2	0	1	1	0	0	0	0
68.7	75.5	0	39	27	1	7	1	0	0	1	0	0	0	0
1515	75.2	0	48	29	0	6	0	0	0	4	0	0	0	0
69.8	76.4	0	33	24	0	10	1	0	0	3	0	0	0	0
1530	73.1	0	27	29	2	4	1	0	0	2	0	0	0	0
70.5	74.3	0	22	36	1	1	0	0	0	1	0	0	0	0
1545	78.3	2	22	30	2	11	1	0	0	0	0	0	0	0
67.9	73.7	0	24	36	1	6	3	0	0	3	0	0	0	0
1600	73.5	0	24	22	0	3	1	0	0	0	0	0	0	0
68.1	77.0	0	16	21	0	5	1	0	1	1	0	0	0	1
1615	73.6	0	27	26	0	6	1	0	0	0	0	0	0	0
70.3	75.1	1	18	18	1	4	2	0	0	1	0	0	0	0
1630	78.8	1	19	22	0	4	1	0	0	1	1	0	0	0
67.4	75.9	0	17	30	1	2	0	0	2	0	0	0	0	0
1645	77.6	0	24	23	1	2	1	0	0	2	0	0	0	0
69.7	77.7	0	15	24	2	2	0	0	0	1	0	0	0	0
1700	74.0	0	11	21	2	1	1	0	0	2	0	0	0	0
69.7	76.9	0	11	23	1	4	0	0	0	1	0	0	0	0
1715	77.2	0	18	17	0	3	0	0	0	0	0	0	0	0
70.6	77.5	0	8	23	0	1	0	0	0	0	0	0	0	0
1730	78.1	1	7	17	0	6	1	0	0	1	0	0	0	0
69.2	75.0	0	6	14	2	2	0	0	0	0	0	0	0	0
1745	75.0	0	5	9	0	2	0	0	0	0	0	0	0	0
69.6	76.8	0	7	7	0	0	0	0	0	0	0	0	0	0
1800	73.2	0	6	5	0	0	0	0	0	0	0	0	0	0
69.8	73.8	0	3	6	0	0	1	0	0	0	0	0	0	0
1815	-	0	9	3	0	0	0	0	0	0	0	0	0	0
70.2	75.1	0	4	7	0	0	0	0	0	0	0	0	0	0
67.7	71.9	0	4	7	0	0	0	0	0	1	0	0	0	0

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
2200	0	7	5	0	0	0	0	0	0	0	0	0	0	0
66.8	72.4													
2215	0	5	4	0	1	0	0	0	0	0	0	0	0	0
68.8	-													
2230	0	3	4	0	0	0	0	0	0	0	0	0	0	0
66.2	-													
2245	0	6	3	0	0	0	0	0	0	0	0	0	0	0
68.9	-													
2300	0	1	2	1	2	0	0	0	0	0	0	0	0	0
67.5	-													
2315	0	1	6	0	0	0	0	0	0	0	0	0	0	0
69.0	-													
2330	0	1	1	0	0	0	0	0	0	0	0	0	0	0
69.6	-													
2345	0	1	2	0	0	0	0	0	0	0	0	0	0	0
60.5	-													
0000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
75.7	-													
0015	0	2	3	0	0	0	0	0	0	0	0	0	0	0
66.6	-													
0030	0	1	1	0	0	0	0	0	0	0	0	0	0	0
65.8	-													
0045	0	3	4	0	0	0	0	0	0	0	0	0	0	0
71.1	-													
0100	0	1	0	0	0	0	0	0	0	0	0	0	0	0
69.6	-													
0115	0	1	1	0	0	0	0	0	0	0	0	0	0	0
69.1	-													
0130	0	0	1	0	0	0	0	0	0	0	0	0	0	0
73.3	-													
0145	0	0	0	0	0	0	0	0	1	0	0	0	0	0
69.5	-													
0200	0	1	1	0	0	0	0	0	0	0	0	0	0	0
61.3	-													
0215	0	0	2	0	1	0	0	0	0	0	0	0	0	0
66.4	-													
0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-													
0245	0	2	2	0	0	0	0	0	0	3	0	0	0	0
66.9	-													
0300	0	1	0	0	2	0	0	0	0	0	0	0	0	0
73.9	-													
0315	0	2	2	0	0	0	0	0	0	0	0	0	0	0
73.2	-													
0330	0	3	2	0	0	0	0	0	0	0	0	0	0	0
64.0	-													
0345	0	2	4	0	0	0	0	0	0	0	0	0	0	0
66.7	-													
0400	0	5	4	0	1	0	0	0	0	1	0	0	0	0
60.9	72.0													
0415	0	7	4	0	0	0	0	0	0	0	0	0	0	0
71.7	80.4													
0430	0	7	3	0	1	0	0	0	0	0	0	0	0	0
70.9	80.0													
0445	0	7	5	0	0	0	0	0	0	0	0	0	0	0
67.8	74.8													
0500	0	5	8	0	0	0	0	0	0	0	0	0	0	0
67.1	72.1													
0515	0	6	6	0	0	0	0	0	0	0	0	0	0	0
67.5	74.5													
0530	0	11	8	0	2	0	0	0	0	0	0	0	0	0
67.0	71.7													
0545	0	15	9	0	2	0	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

69.6	76.9												
0600	0	13	15	0	3	2	0	0	0	0	0	0	0
65.1	69.5												
0615	0	32	13	1	4	1	0	0	0	0	0	0	0
66.8	73.0												
0630	0	29	27	1	1	0	0	0	0	0	0	0	1
70.2	76.7												
0645	0	33	18	1	0	0	0	0	0	0	0	0	0
71.3	79.7												
0700	0	27	19	0	4	0	0	0	1	0	0	0	0
69.7	78.0												
0715	0	30	16	2	3	0	0	1	0	0	0	0	0
69.5	76.7												
0730	0	23	12	0	3	1	0	0	1	0	0	0	0
66.6	73.0												
0745	0	24	13	0	2	0	0	0	0	0	0	0	0
66.8	74.6												
0800	0	21	10	2	2	1	0	0	0	0	0	0	0
67.7	71.4												
0815	0	31	20	1	1	1	0	0	3	0	0	0	0
67.5	73.3												
0830	0	28	24	2	1	3	0	0	0	0	0	0	0
67.5	73.2												
0845	0	25	18	0	1	1	0	1	0	0	0	0	0
69.0	76.3												
0900	0	21	33	0	7	0	1	0	1	0	0	0	0
68.1	73.6												
0915	0	35	39	0	2	1	0	0	3	0	0	0	0
70.0	75.3												
0930	0	22	21	1	4	1	0	0	2	0	0	0	0
67.4	72.9												
0945	0	14	19	0	3	1	0	0	1	0	0	0	2
63.5	73.2												
1000	0	26	17	1	1	2	0	1	1	0	0	0	0
66.3	75.2												
1015	0	23	21	1	5	4	0	0	4	0	0	0	0
68.0	74.0												
1030	0	19	16	1	3	2	0	0	0	0	0	0	0
66.0	71.8												
1045	0	24	27	4	2	1	0	0	1	0	0	0	0
66.8	75.1												
1100	1	22	31	1	5	2	0	0	1	1	0	0	0
68.0	76.1												
1115	0	16	16	0	2	0	0	0	2	0	0	0	0
67.7	76.2												
1130	0	16	25	0	4	2	0	0	1	0	0	0	0
66.8	75.2												
1145	0	16	16	2	1	2	0	0	0	0	0	0	0
65.6	71.5												
1200	0	20	24	2	3	1	0	0	2	0	0	0	0
66.6	73.0												
1215	0	21	27	1	0	0	0	1	2	0	0	0	0
64.0	70.7												
1230	0	14	17	1	6	1	0	0	1	0	0	0	0
65.2	70.2												
1245	0	23	19	2	1	3	0	0	2	0	0	0	0
66.4	71.0												
1300	0	16	23	2	2	3	0	1	0	1	0	0	0
66.3	71.1												
1315	0	21	20	0	7	2	0	0	3	0	0	0	0
68.7	74.8												
1330	0	22	32	1	6	0	0	1	1	0	0	0	0
68.0	74.5												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1345	1	19	20	0	8	1	1	0	3	1	0	0	1	
67.5	73.4													
1400	0	21	26	0	6	0	0	0	4	0	0	0	0	
68.1	75.4													
1415	0	22	24	3	6	1	0	0	0	1	0	0	0	
69.8	76.4													
1430	0	20	19	1	3	3	1	0	0	0	0	0	0	
69.1	76.0													
1445	0	19	18	0	5	2	0	0	1	0	0	0	0	
68.9	74.6													

* Wednesday, April 18, 2018 - Thursday, April 19, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	1	16	24	4	7	2	0	0	2	0	0	0	0
68.9	75.0												
1515	0	21	29	0	4	3	0	0	0	0	0	0	0
69.4	74.3												
1530	0	42	42	0	14	1	0	0	0	0	0	0	0
70.1	75.7												
1545	0	17	29	0	6	1	1	0	2	0	0	0	0
71.0	79.1												
1600	0	18	26	2	7	1	0	0	0	0	0	0	0
70.2	75.7												
1615	0	30	32	2	3	0	0	1	2	0	0	0	0
70.5	79.3												
1630	0	26	28	1	7	1	0	1	1	0	0	0	1
69.5	75.0												
1645	0	34	34	3	9	0	0	0	1	0	0	0	0
70.3	77.7												
1700	0	22	31	0	8	2	0	0	2	0	0	0	0
70.7	76.8												
1715	1	25	22	0	2	0	0	1	1	0	0	0	0
68.5	74.7												
1730	0	17	28	0	2	2	0	0	1	0	0	0	1
69.2	73.5												
1745	0	28	17	0	7	1	0	0	2	0	0	0	0
69.8	76.3												
1800	0	16	21	1	3	0	0	1	3	0	0	0	0
69.5	75.1												
1815	0	24	28	0	5	1	0	0	0	0	0	0	0
71.5	79.0												
1830	0	19	16	0	2	0	0	0	0	0	0	0	0
69.4	76.3												
1845	0	13	15	0	3	0	0	0	2	0	0	0	0
69.3	76.0												
1900	0	10	14	0	4	0	0	1	1	0	0	0	0
69.5	79.1												
1915	0	16	13	0	5	0	0	0	0	0	0	0	0
71.5	78.3												
1930	1	7	17	1	4	0	0	0	1	0	0	0	0
68.4	78.0												
1945	0	14	10	0	1	0	0	0	2	0	0	0	0
69.2	77.3												
2000	0	8	8	0	2	0	0	0	0	0	0	0	0
68.9	76.5												
2015	0	7	7	0	7	0	0	0	0	0	0	0	0
68.1	71.3												
2030	0	2	10	0	6	0	0	0	1	0	0	0	0
69.5	77.6												
2045	0	7	8	0	0	0	0	0	1	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

67.5	74.0												
2100	0	7	3	0	0	0	0	0	1	0	0	0	0
67.8	79.5												
2115	0	7	4	0	0	0	0	0	0	0	0	0	0
66.0	74.8												
2130	1	4	5	1	1	0	0	0	0	0	0	0	0
68.1	70.8												
2145	0	6	4	0	1	0	0	0	0	0	0	0	0
68.1	75.5												
2200	0	5	4	0	1	0	0	0	1	0	0	0	0
67.0	70.9												
2215	0	4	3	0	2	0	0	0	0	0	0	0	0
68.3	-												
2230	0	3	1	0	1	0	0	0	0	0	0	0	0
66.5	-												
2245	0	5	2	0	0	0	0	0	2	0	0	0	0
69.6	-												
2300	0	2	2	0	2	0	0	0	0	0	0	0	0
65.1	-												
2315	0	3	2	0	0	0	0	0	0	0	0	0	0
65.0	-												
2330	0	2	3	0	0	0	0	0	0	0	0	0	0
72.0	-												
2345	0	3	0	0	1	0	0	0	0	0	0	0	0
73.0	-												
0000	0	1	0	0	0	0	0	0	0	0	0	0	0
72.4	-												
0015	0	2	2	0	0	0	0	0	0	0	0	0	0
66.4	-												
0030	0	1	1	0	0	0	0	0	0	0	0	0	0
77.0	-												
0045	0	1	1	0	1	0	0	0	0	0	0	0	0
66.6	-												
0100	0	0	2	0	0	0	0	0	0	0	0	0	0
66.2	-												
0115	0	3	3	0	1	0	0	0	0	0	0	0	0
69.6	-												
0130	0	0	1	0	0	0	0	0	0	0	0	0	0
74.1	-												
0145	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0200	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0215	0	5	3	0	0	0	0	0	0	0	0	0	0
72.3	-												
0230	0	2	2	0	1	0	0	0	0	0	0	0	0
67.3	-												
0245	0	0	1	0	0	0	0	0	0	0	0	0	0
69.7	-												
0300	0	4	0	0	0	0	0	0	2	0	0	0	0
69.2	-												
0315	0	1	1	0	0	0	0	0	0	0	0	0	0
75.0	-												
0330	0	3	3	0	0	0	0	0	0	0	0	0	0
65.0	-												
0345	0	2	4	0	0	0	0	0	0	0	0	0	0
69.9	-												
0400	0	2	1	0	0	0	0	0	0	0	0	0	0
63.4	-												
0415	0	3	5	0	1	0	0	0	0	0	0	0	0
69.5	-												
0430	0	4	5	0	1	0	0	0	0	0	0	0	0
72.2	-												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0445	0	13	3	0	0	1	0	0	0	0	0	0	0	0
69.5	74.4													
0500	0	9	5	0	0	0	0	0	0	0	0	0	0	0
70.2	73.8													
0515	0	1	10	0	0	0	0	0	1	0	0	0	0	0
66.3	73.8													
0530	0	13	16	0	0	0	0	0	1	0	0	0	0	0
67.5	74.4													
0545	0	9	15	0	2	0	1	0	1	0	0	0	0	0
66.9	75.0													
0600	0	10	18	0	1	2	0	0	0	0	0	0	0	0
66.8	70.0													
0615	0	27	14	1	3	0	0	0	0	0	0	0	0	0
69.0	75.3													
0630	0	31	14	1	2	0	0	0	0	0	0	0	0	0
70.3	77.5													
0645	0	34	9	0	4	0	0	0	1	0	0	0	0	0
69.1	75.2													
0700	0	20	19	0	1	0	0	0	0	0	0	0	0	0
69.9	76.4													
0715	0	22	12	3	6	0	0	0	1	0	0	0	0	0
66.5	72.8													
0730	0	26	16	1	5	1	0	0	0	0	0	0	0	0
67.7	74.5													
0745	0	23	15	0	0	1	0	0	0	0	0	0	0	0
64.7	71.2													
0800	1	18	21	0	1	1	0	0	1	0	0	0	0	0
67.2	73.2													
0815	1	18	22	2	2	0	0	0	0	0	0	0	0	0
66.4	71.7													
0830	0	24	24	0	0	4	0	0	3	0	0	0	0	0
67.2	72.6													
0845	0	26	24	3	8	1	0	0	3	0	0	0	0	1
65.8	71.2													
0900	0	23	24	0	7	4	0	0	0	0	0	0	0	0
69.0	76.6													
0915	0	25	19	1	5	1	0	0	2	0	0	0	0	0
69.4	75.5													
0930	0	23	30	0	5	0	0	0	0	1	0	0	0	0
69.3	77.0													
0945	0	17	17	0	5	1	0	0	1	0	0	0	0	0
68.3	75.0													
1000	0	26	19	0	6	1	0	0	2	0	0	0	0	0
67.7	74.2													
1015	0	21	26	1	3	3	0	0	1	0	0	0	0	0
66.3	71.5													
1030	0	23	15	1	0	2	0	0	1	0	0	0	0	0
66.7	71.3													
1045	0	19	14	2	4	3	0	0	1	1	0	0	0	0
66.9	72.4													
1100	1	16	23	1	6	2	0	0	1	1	0	0	0	0
66.9	73.1													
1115	0	15	20	0	3	0	0	0	1	0	0	0	0	0
68.8	78.5													
1130	0	21	24	1	3	7	0	0	0	0	0	0	0	0
68.3	75.1													
1145	0	19	17	0	5	1	0	1	1	0	0	0	0	0
69.5	74.5													
1200	0	19	23	1	1	3	0	0	0	0	0	0	0	0
68.6	77.5													
1215	0	22	20	3	9	0	1	0	2	0	0	0	0	0
69.2	75.0													
1230	0	9	20	1	2	1	0	0	2	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

66.8	72.5												
1245	0	28	18	2	5	3	0	0	2	1	0	0	0
65.9	74.2												
1300	0	28	20	1	8	1	0	1	1	0	0	0	0
69.6	74.5												
1315	0	13	27	2	5	0	0	0	1	0	0	0	0
67.3	73.8												
1330	0	18	29	3	6	0	0	0	3	0	0	0	0
67.5	72.5												
1345	0	15	12	1	5	4	0	0	1	0	0	0	0
68.2	72.2												
1400	0	19	10	0	2	3	0	1	3	1	0	0	0
67.9	75.3												
1415	0	16	16	2	10	3	0	0	2	0	0	0	0
68.1	73.4												
1430	0	21	31	1	5	2	0	0	0	0	0	0	0
67.9	73.8												
1445	0	24	26	3	3	1	0	1	1	0	0	0	0
67.2	72.5												

* Thursday, April 19, 2018 - Friday, April 20, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	23	24	5	5	1	0	0	1	0	0	0	0
68.0	74.6												
1515	1	23	36	0	11	2	0	0	2	0	0	0	0
67.7	73.0												
1530	0	51	29	0	7	1	0	0	4	0	0	0	0
69.3	73.0												
1545	0	25	29	2	3	0	0	0	0	0	0	0	0
66.5	72.5												
1600	0	28	25	6	12	0	0	0	1	0	0	0	0
68.1	73.3												
1615	0	29	29	2	5	0	0	0	4	0	0	0	0
69.0	74.4												
1630	0	23	29	0	4	1	0	0	2	0	0	0	0
68.8	77.2												
1645	1	32	28	0	9	2	0	1	0	0	0	0	0
68.6	74.4												
1700	0	17	25	1	6	1	0	0	0	0	0	0	0
68.7	76.8												
1715	0	23	26	0	5	0	0	0	1	0	0	0	0
70.5	76.9												
1730	0	21	24	4	4	0	0	0	4	0	0	0	0
68.1	75.1												
1745	0	21	22	1	4	0	0	0	0	0	0	0	0
70.4	78.0												
1800	0	21	17	0	3	0	0	0	1	0	0	0	0
68.8	75.6												
1815	0	22	12	1	3	1	0	0	3	1	0	0	0
69.5	77.1												
1830	0	19	17	0	8	0	0	0	0	0	0	0	0
70.1	76.6												
1845	0	16	11	1	3	0	0	0	0	0	0	0	0
69.3	74.8												
1900	0	12	21	0	3	0	0	0	0	0	0	0	0
69.7	76.2												
1915	0	12	17	0	5	0	0	0	1	0	0	0	0
68.8	76.8												
1930	0	6	13	0	4	0	0	0	2	0	0	0	1
64.8	72.1												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1945	0	7	11	0	4	0	0	0	0	1	0	0	0	0
67.4	76.2													
2000	0	13	13	0	1	0	0	1	0	0	0	0	0	0
67.6	73.9													
2015	0	10	15	1	4	0	0	0	0	0	0	0	0	0
66.7	74.3													
2030	0	7	9	0	2	0	0	0	0	0	0	0	0	0
70.2	74.9													
2045	0	9	3	0	1	0	0	0	1	0	0	0	0	0
64.3	72.4													
2100	0	7	4	0	1	0	0	0	0	0	0	0	0	0
64.8	69.7													
2115	0	13	4	0	1	0	0	0	0	0	0	0	0	0
70.3	81.4													
2130	0	3	4	0	0	0	0	0	1	0	0	0	0	0
71.4	-													
2145	0	3	2	0	1	0	0	0	0	0	0	0	0	0
67.4	-													
2200	0	9	2	0	0	0	0	1	0	0	0	0	0	0
64.0	69.2													
2215	0	5	7	0	1	0	0	0	0	0	0	0	0	0
64.3	70.7													
2230	0	1	2	0	0	0	0	0	1	0	0	0	0	0
67.7	-													
2245	0	5	3	0	1	0	0	0	0	0	0	0	0	0
71.7	-													
2300	0	5	2	0	2	0	0	1	0	0	0	0	0	0
71.0	-													
2315	0	0	1	0	0	0	0	0	0	0	0	0	0	0
70.5	-													
2330	0	3	1	0	0	0	0	0	0	0	0	0	0	0
62.1	-													
2345	0	2	5	0	0	0	0	0	0	0	0	0	0	0
66.9	-													
0000	0	4	1	0	0	0	0	0	0	0	0	0	0	0
69.5	-													
0015	0	0	2	0	2	0	0	0	0	0	0	0	0	0
69.6	-													
0030	0	1	1	0	0	0	0	0	0	0	0	0	0	0
63.5	-													
0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-													
0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0
56.1	-													
0115	0	0	2	0	0	0	0	0	0	0	0	0	0	0
71.8	-													
0130	0	0	4	0	0	0	0	0	0	0	0	0	0	0
71.9	-													
0145	0	1	1	0	0	0	0	0	0	0	0	0	0	0
66.5	-													
0200	0	0	1	0	0	0	0	0	0	0	0	0	0	0
65.1	-													
0215	0	0	1	0	0	0	0	0	0	0	0	0	0	0
57.0	-													
0230	0	1	0	0	0	0	0	0	2	0	0	0	0	0
68.7	-													
0245	0	0	2	0	0	0	0	0	0	0	0	0	0	0
68.9	-													
0300	0	0	1	0	0	0	0	0	0	0	0	0	0	0
75.0	-													
0315	0	0	1	0	0	0	0	0	0	0	0	0	0	0
66.8	-													
0330	0	1	1	0	0	0	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

64.4	-												
0345	0	6	2	0	0	0	0	0	0	0	0	0	0
67.6	-												
0400	0	3	1	0	0	0	0	0	0	0	0	0	0
68.4	-												
0415	0	2	2	0	2	0	0	0	1	0	0	0	0
70.0	-												
0430	0	5	4	0	0	0	0	1	1	0	0	0	0
67.7	72.3												
0445	0	8	6	0	0	0	0	0	0	0	0	0	0
68.5	73.9												
0500	0	4	7	0	1	0	0	0	0	0	0	0	0
74.1	86.4												
0515	0	6	5	0	0	0	0	0	0	0	0	0	0
67.7	74.9												
0530	0	14	10	0	0	0	0	0	0	0	0	0	0
67.4	73.5												
0545	0	13	13	0	4	0	0	0	0	0	0	0	0
66.7	73.2												
0600	0	12	15	0	2	0	0	0	1	0	0	0	0
68.3	76.3												
0615	0	19	17	2	2	2	0	0	1	0	0	0	0
67.6	74.7												
0630	0	23	12	1	3	0	0	0	0	0	0	0	0
67.5	74.6												
0645	0	27	12	1	3	0	0	0	1	0	0	0	0
71.5	81.8												
0700	0	19	14	0	1	0	0	0	0	0	0	0	0
69.7	76.6												
0715	0	31	12	2	1	1	0	0	0	0	0	0	0
70.1	76.7												
0730	0	21	13	0	1	0	0	0	0	0	0	0	0
70.4	78.5												
0745	0	24	13	0	4	0	0	0	0	0	0	0	0
66.9	73.5												
0800	0	17	18	0	6	0	0	0	3	0	0	0	0
66.2	72.5												
0815	0	24	22	0	3	0	0	0	2	0	0	0	0
69.4	74.9												
0830	0	26	16	1	3	1	0	0	1	0	0	0	0
69.2	75.3												
0845	0	13	13	0	6	3	1	0	1	0	0	0	0
65.0	71.9												
0900	0	25	25	1	1	0	0	0	0	0	0	0	1
67.8	74.9												
0915	0	32	34	0	8	2	0	0	3	0	0	0	1
67.6	71.2												
0930	0	22	22	2	2	3	0	0	2	0	0	0	0
67.5	73.6												
0945	0	27	22	0	5	0	0	0	3	0	0	0	0
69.2	76.1												
1000	0	19	22	0	5	0	1	0	1	0	0	0	0
69.6	75.6												
1015	0	17	25	0	2	2	0	0	0	1	0	0	1
68.6	75.0												
1030	0	20	26	0	2	0	0	0	1	0	0	0	0
69.0	75.6												
1045	0	22	14	0	4	0	0	0	0	1	0	0	0
65.1	71.9												
1100	0	21	14	2	7	3	0	0	3	0	0	0	0
67.8	74.6												
1115	0	35	21	0	4	5	0	0	4	0	0	0	0
66.7	73.5												

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
1130	0	32	26	0	8	0	0	0	4	0	0	0	0
65.9	71.0												
1145	0	20	20	1	3	1	0	0	4	0	0	0	0
67.6	74.5												
1200	1	17	20	1	4	1	0	0	2	1	0	0	0
66.2	70.3												
1215	0	24	23	0	8	1	0	0	1	0	0	0	0
69.6	77.5												
1230	0	22	25	1	3	1	0	0	3	2	0	0	0
69.6	78.0												
1245	0	29	11	0	4	1	1	0	1	0	0	0	0
67.1	73.4												
1300	0	18	17	2	3	0	0	0	1	0	0	0	0
67.0	75.1												
1315	0	21	14	1	5	1	0	0	2	1	0	0	0
66.3	72.1												
1330	0	18	28	1	3	0	0	0	3	0	0	0	0
69.6	76.6												
1345	0	18	19	1	2	0	0	1	0	0	0	0	0
67.6	71.6												
1400	0	14	17	0	3	1	0	0	0	0	0	0	0
67.5	75.2												
1415	1	13	33	0	10	1	0	0	0	0	0	0	1
65.4	72.8												
1430	0	32	34	0	6	2	0	0	2	0	0	0	0
67.8	74.8												
1445	0	20	21	2	4	2	0	0	1	1	0	0	0
68.8	75.8												

* Friday, April 20, 2018 - Saturday, April 21, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	26	27	2	8	0	0	0	1	0	0	0	0
67.8	74.6												
1515	0	36	37	0	3	1	0	0	1	1	0	0	0
70.2	78.1												
1530	1	37	36	0	8	3	0	0	2	0	0	0	0
70.9	77.4												
1545	1	22	30	2	4	2	1	0	1	0	0	0	0
68.8	73.2												
1600	0	30	23	2	4	1	0	0	1	0	0	0	0
67.9	74.7												
1615	0	27	22	3	5	1	0	0	1	0	0	0	0
69.7	76.6												
1630	0	29	22	1	4	0	0	1	2	0	0	0	0
67.8	74.1												
1645	0	39	32	0	5	2	0	0	3	0	0	0	0
70.8	76.2												
1700	0	35	42	0	6	1	0	0	2	0	0	0	0
70.7	74.6												
1715	0	28	23	0	5	0	0	1	0	0	0	0	0
69.6	78.2												
1730	0	21	22	1	1	0	0	0	1	0	0	0	0
68.2	73.4												
1745	1	7	5	0	1	0	0	0	0	0	0	0	0
73.4	81.3												
1800	0	2	6	0	0	0	0	0	0	0	0	0	0
74.8	-												
1815	0	5	7	0	1	0	0	0	0	0	0	0	0
71.7	80.0												
1830	0	5	6	1	1	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

71.1	78.6												
1845	0	15	19	1	4	0	0	0	1	0	0	0	0
69.6	74.8												
1900	0	20	15	0	3	1	0	0	0	0	0	0	0
69.0	75.5												
1915	0	18	19	0	3	0	0	1	1	0	0	0	0
68.2	73.9												
1930	0	30	18	0	5	0	0	0	0	0	0	0	0
68.8	75.0												
1945	0	20	22	0	4	0	0	0	1	0	0	0	0
67.7	74.1												
2000	0	15	12	0	2	0	0	0	0	0	0	0	0
67.9	74.8												
2015	0	19	13	0	2	0	0	0	0	0	0	0	0
66.1	74.4												
2030	0	19	9	1	3	0	0	0	0	0	0	0	0
68.1	74.5												
2045	0	12	7	0	0	0	0	0	0	0	0	0	0
68.6	77.8												
2100	0	11	11	1	1	0	0	0	0	0	0	0	0
66.9	75.2												
2115	0	9	10	1	1	0	0	0	0	0	0	0	0
65.3	72.0												
2130	0	5	11	0	2	0	0	0	0	0	0	0	0
68.0	80.0												
2145	0	7	2	0	2	0	0	0	0	0	0	0	0
69.1	81.6												
2200	0	11	2	0	4	0	0	0	0	0	0	0	0
68.1	75.3												
2215	0	7	10	0	1	0	0	0	0	0	0	0	0
68.4	72.6												
2230	0	11	4	0	0	0	0	0	0	0	0	0	0
67.1	76.9												
2245	0	10	8	0	1	0	0	0	1	0	0	0	0
69.1	79.6												
2300	0	6	9	0	0	0	0	0	0	0	0	0	0
68.0	77.7												
2315	0	6	6	0	1	0	0	0	0	0	0	0	0
69.9	80.2												
2330	0	3	1	0	2	0	0	0	0	0	0	0	0
63.2	-												
2345	0	4	3	0	0	0	0	0	0	0	0	0	0
63.8	-												
0000	0	2	3	1	2	0	0	0	0	0	0	0	0
67.6	-												
0015	0	0	2	1	1	0	0	0	0	0	0	0	0
64.7	-												
0030	0	2	4	0	0	0	0	0	1	0	0	0	0
68.0	-												
0045	0	2	3	0	0	0	0	0	0	0	0	0	0
69.8	-												
0100	0	3	0	0	1	0	0	1	0	0	0	0	0
64.6	-												
0115	0	2	4	0	0	0	0	0	0	0	0	0	0
67.6	-												
0130	0	1	1	0	0	0	0	0	0	0	0	0	0
63.8	-												
0145	0	1	2	0	0	0	0	0	0	0	0	0	0
66.7	-												
0200	0	0	2	0	0	0	0	0	0	0	0	0	0
62.9	-												
0215	0	1	2	0	0	0	0	1	0	0	0	0	0
54.4	-												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0230	0		3	0	0	1	0	0	0	0	0	0	0	0
70.6	-													
0245	0		1	0	0	0	0	0	0	0	0	0	0	0
70.3	-													
0300	0		2	4	0	0	0	0	0	0	0	0	0	0
74.7	-													
0315	0		2	4	0	0	0	0	0	0	0	0	0	0
71.9	-													
0330	0		3	1	0	0	0	0	0	0	1	0	0	0
68.5	-													
0345	0		1	1	0	0	0	0	0	0	0	0	0	0
71.1	-													
0400	0		1	2	0	1	0	0	0	1	0	0	0	0
69.4	-													
0415	0		1	1	0	0	1	0	0	0	0	0	0	0
69.8	-													
0430	0		2	1	0	0	1	0	0	0	0	0	0	0
73.4	-													
0445	0		5	7	0	1	0	0	1	0	0	0	0	0
66.8	72.4													
0500	0		3	1	0	0	0	0	0	0	0	0	0	0
70.8	-													
0515	0		10	6	0	1	0	0	0	0	0	0	0	0
69.1	76.3													
0530	0		4	0	0	2	0	0	0	0	1	0	0	0
67.4	-													
0545	0		11	5	0	0	0	0	0	0	0	0	0	0
69.7	75.2													
0600	0		10	6	0	2	0	0	0	0	0	0	0	0
71.8	79.2													
0615	0		10	9	0	0	0	0	0	0	0	0	0	0
73.4	78.6													
0630	0		6	7	0	0	0	0	0	0	0	0	0	0
72.5	81.8													
0645	0		6	14	0	1	1	0	0	0	0	0	0	0
68.8	75.6													
0700	0		8	7	0	1	0	0	0	0	0	0	0	0
68.6	71.9													
0715	0		11	8	0	2	0	0	0	1	0	0	0	0
69.3	76.0													
0730	0		12	10	0	1	0	0	0	1	0	0	0	0
69.1	77.1													
0745	0		23	10	0	1	0	0	0	1	0	0	0	0
69.7	74.6													
0800	0		10	8	1	0	0	0	0	0	0	0	0	0
66.0	74.5													
0815	0		18	6	0	4	0	0	1	0	0	0	0	0
71.5	77.7													
0830	0		15	15	0	1	0	0	1	0	0	0	0	0
69.0	77.1													
0845	0		23	13	0	2	0	0	0	0	0	0	0	0
68.2	72.0													
0900	0		13	16	0	0	0	0	0	1	0	0	0	0
65.5	71.5													
0915	0		16	13	1	2	0	0	0	2	0	0	0	0
70.0	79.1													
0930	0		15	12	0	3	0	0	0	0	0	0	0	0
70.2	78.7													
0945	0		20	19	0	6	1	0	0	0	0	0	0	0
67.0	74.2													
1000	0		21	20	0	1	0	0	0	1	0	0	0	0
69.7	74.4													
1015	0		23	13	0	3	1	0	0	2	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

69.0	76.3												
1030	0	23	23	2	3	1	0	0	0	0	0	0	0
69.0	74.6												
1045	0	17	21	0	2	0	0	0	0	0	0	0	0
69.1	74.4												
1100	0	28	18	0	2	0	0	1	0	0	0	0	0
69.0	75.9												
1115	0	21	14	0	5	1	0	0	3	0	0	0	0
67.4	73.8												
1130	0	17	14	0	2	0	0	0	0	0	0	0	0
67.3	72.8												
1145	0	21	24	0	3	1	0	0	1	0	0	0	0
68.9	75.2												
1200	0	29	17	1	0	0	0	2	1	0	0	0	0
69.5	75.4												
1215	0	28	15	0	7	1	0	0	1	0	0	0	0
70.3	75.3												
1230	1	19	11	0	4	0	0	0	1	1	0	0	0
66.7	73.6												
1245	0	18	19	0	4	0	0	0	1	0	0	0	0
68.9	78.0												
1300	0	20	26	0	5	0	0	1	0	0	0	0	0
70.3	78.2												
1315	1	16	14	0	3	0	0	0	0	0	0	0	0
69.4	79.3												
1330	0	20	18	0	4	0	0	0	0	0	0	0	0
68.1	74.0												
1345	1	15	22	1	2	0	0	0	2	0	0	0	0
68.3	75.4												
1400	0	18	22	1	2	0	0	0	0	0	0	0	0
67.7	74.6												
1415	0	32	21	1	2	1	0	0	1	0	0	0	0
70.2	77.1												
1430	0	20	22	0	5	3	0	0	0	0	0	0	0
68.2	74.6												
1445	0	15	12	0	2	0	0	0	0	0	0	0	0
69.2	74.8												

* Saturday, April 21, 2018 - Sunday, April 22, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	24	16	0	7	1	0	1	0	0	0	0	0
69.0	74.5												
1515	0	17	21	0	3	0	0	0	0	0	0	0	0
70.9	77.7												
1530	0	20	21	0	5	0	0	0	0	0	0	0	0
67.9	75.2												
1545	1	18	25	0	0	0	0	0	0	0	0	0	0
68.8	75.5												
1600	0	25	31	0	3	1	0	0	1	0	0	0	0
70.1	77.0												
1615	2	23	22	0	4	0	0	1	0	0	0	0	0
68.4	73.6												
1630	0	20	19	0	6	2	0	0	0	0	0	0	0
69.7	78.4												
1645	0	29	27	0	2	0	0	0	1	0	0	0	0
69.9	78.5												
1700	0	25	21	0	1	0	0	1	0	0	0	0	0
67.4	72.4												
1715	1	22	36	0	6	0	0	0	0	0	0	0	0
70.4	77.2												

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
1730	0	23	20	1	2	0	0	0	0	0	0	0	0
67.5	73.1												
1745	0	20	30	0	1	0	0	0	1	0	0	0	0
66.9	74.7												
1800	0	27	22	0	2	0	0	1	0	0	0	0	0
68.0	72.9												
1815	0	21	21	0	4	0	0	1	1	0	0	0	0
68.0	74.1												
1830	0	19	22	0	8	0	0	1	0	0	0	0	0
67.3	74.2												
1845	0	14	22	0	1	0	0	1	0	0	0	0	0
70.3	76.6												
1900	0	20	15	0	1	0	0	0	0	0	0	0	0
69.6	76.3												
1915	0	20	13	0	1	0	0	0	0	0	0	0	0
70.7	77.6												
1930	2	12	17	0	6	1	0	0	0	0	0	0	0
71.0	79.8												
1945	1	12	17	0	3	0	0	0	1	0	0	0	0
64.6	72.8												
2000	0	16	16	0	1	0	0	0	0	0	0	0	0
67.3	72.1												
2015	0	17	16	1	0	0	0	3	0	0	0	0	0
66.9	73.4												
2030	1	24	16	0	1	0	0	0	0	0	0	0	0
71.9	81.4												
2045	0	20	18	0	2	0	0	0	0	0	0	0	0
69.7	77.6												
2100	0	9	12	0	4	1	0	1	0	0	0	0	0
68.2	75.5												
2115	0	4	12	0	0	0	0	0	0	0	0	0	0
65.2	72.4												
2130	0	7	12	0	1	0	0	0	0	0	0	0	0
69.8	73.7												
2145	0	5	5	0	0	0	0	0	0	0	0	0	0
67.5	-												
2200	0	7	12	0	0	0	0	0	0	0	0	0	0
65.9	70.8												
2215	0	9	5	2	1	0	0	0	0	0	0	0	0
70.1	80.5												
2230	0	9	11	0	1	0	0	0	0	0	0	0	0
68.7	74.1												
2245	0	14	9	0	3	0	0	0	0	0	0	0	0
72.0	79.5												
2300	0	11	6	0	0	0	0	0	0	0	0	0	0
71.6	78.3												
2315	0	8	4	0	0	0	0	0	0	0	0	0	0
64.5	71.8												
2330	0	5	3	0	0	0	0	0	0	0	0	0	0
70.0	-												
2345	0	4	1	0	0	0	0	0	0	0	0	0	0
70.0	-												

* Sunday, May 06, 2018													
Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
0000	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0015	0	6	2	0	1	0	0	0	0	0	0	0	0
68.5	-												
0030	0	5	3	0	0	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

69.5	-												
0045	0	3	2	0	0	0	0	0	0	0	0	0	0
73.3	-												
0100	0	3	2	0	1	0	0	0	0	0	0	0	0
69.2	-												
0115	0	5	4	0	1	0	0	0	0	0	0	0	0
67.2	-												
0130	0	4	3	0	0	0	0	1	0	0	0	0	0
68.0	-												
0145	0	1	2	0	0	0	0	0	0	0	0	0	0
76.9	-												
0200	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0215	0	8	3	0	1	0	0	1	0	0	0	0	0
64.7	70.3												
0230	0	0	1	0	1	0	0	0	0	0	0	0	0
62.0	-												
0245	0	1	0	0	0	0	0	0	0	0	0	0	0
79.0	-												
0300	0	1	1	0	0	0	0	0	0	0	0	0	0
75.1	-												
0315	0	1	2	0	0	0	0	0	0	0	0	0	0
67.0	-												
0330	0	3	1	0	0	0	0	0	0	0	0	0	0
77.0	-												
0345	0	4	2	0	0	0	0	0	0	0	0	0	0
70.3	-												
0400	0	1	0	0	0	0	0	0	0	0	0	0	0
68.2	-												
0415	0	6	3	0	0	0	0	0	0	0	0	0	0
70.2	-												
0430	0	4	1	0	0	0	0	0	0	0	0	0	0
68.2	-												
0445	0	2	2	0	0	0	0	0	0	0	0	0	0
73.4	-												
0500	0	5	7	0	0	0	0	0	0	0	0	0	0
68.4	75.2												
0515	0	3	2	0	0	0	0	0	0	0	0	0	0
77.8	-												
0530	0	3	5	0	0	0	0	0	0	0	0	0	0
69.1	-												
0545	0	3	5	0	2	0	0	0	0	0	0	0	0
69.4	-												
0600	0	5	7	0	3	0	0	0	0	0	0	0	0
68.4	75.4												
0615	0	6	2	0	2	0	0	0	0	0	0	0	0
66.7	-												
0630	0	17	6	0	0	1	0	0	0	0	0	0	0
67.7	75.2												
0645	0	9	6	0	0	0	0	0	0	0	0	0	0
68.9	74.9												
0700	0	10	10	0	1	0	0	1	0	0	0	0	0
68.3	76.5												
0715	0	10	7	1	3	0	0	0	0	0	0	0	0
71.2	81.4												
0730	0	7	2	0	1	0	0	0	0	0	0	0	0
68.8	-												
0745	0	7	13	0	5	0	0	0	0	0	0	0	0
69.6	74.4												
0800	0	17	13	0	2	0	0	0	0	0	0	0	0
67.7	74.2												
0815	0	11	14	0	3	2	0	0	1	0	0	0	0
70.2	76.4												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0830	0	12	6	0	3	0	0	0	0	0	0	0	0	0
66.7	74.3													
0845	0	10	24	0	1	0	0	0	0	0	0	0	0	0
69.2	74.8													
0900	1	16	25	0	2	0	0	0	0	0	0	0	0	0
68.6	73.4													
0915	0	21	22	0	3	1	0	0	2	0	0	0	0	0
67.9	72.3													
0930	0	20	9	0	1	0	0	1	1	0	0	0	0	0
68.9	74.1													
0945	0	25	24	0	4	0	0	0	1	0	0	0	0	0
68.4	72.0													
1000	0	27	15	0	2	0	0	0	0	1	0	0	0	0
69.6	75.5													
1015	0	18	27	0	4	0	0	0	1	0	0	0	0	0
69.6	75.9													
1030	0	17	20	0	8	0	0	0	0	0	0	0	0	0
70.3	77.0													
1045	0	18	29	0	0	0	0	1	0	0	0	0	0	0
68.5	73.7													
1100	0	23	24	2	3	0	0	0	0	0	0	0	0	0
68.9	73.9													
1115	0	25	21	0	3	0	0	0	0	0	0	0	0	0
70.1	75.5													
1130	0	26	21	0	5	1	0	0	0	0	0	0	0	0
70.5	76.4													
1145	0	15	21	0	3	0	0	1	1	0	0	0	0	0
67.7	73.6													
1200	0	19	21	0	5	0	0	0	0	0	0	0	0	0
70.1	77.2													
1215	1	20	25	0	5	0	0	0	0	0	0	0	0	0
69.0	75.1													
1230	0	24	27	1	4	0	0	0	0	0	0	0	0	0
68.9	75.1													
1245	0	23	22	0	3	0	0	1	0	0	0	0	0	0
68.9	75.3													
1300	0	22	31	0	3	0	0	0	1	0	0	0	0	0
68.9	76.3													
1315	0	37	23	0	5	0	0	1	0	0	0	0	0	0
68.7	75.5													
1330	0	26	22	0	1	0	0	0	2	0	0	0	0	0
69.9	79.5													
1345	0	24	34	0	7	0	0	0	1	0	0	0	0	0
70.2	75.0													
1400	1	31	19	0	6	0	0	0	0	0	0	0	0	0
70.8	78.0													
1415	1	20	28	0	3	0	0	0	0	0	0	0	0	0
66.9	73.4													
1430	0	17	24	0	1	0	0	0	1	0	0	0	0	0
67.4	71.5													
1445	0	15	35	0	2	0	0	0	0	0	0	0	0	0
68.9	74.9													
1500	0	33	31	0	5	0	0	0	0	0	0	0	0	0
70.2	76.9													
1515	0	18	19	0	2	0	0	1	1	0	0	0	0	0
70.3	78.7													
1530	0	24	14	0	3	0	0	1	0	0	0	0	0	0
69.5	73.9													
1545	0	19	24	0	6	0	0	0	1	0	0	0	0	0
68.6	75.8													
1600	0	20	31	0	3	0	0	0	2	0	0	0	0	0
69.0	73.2													
1615	0	21	23	0	2	0	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
67.9	75.7												
1630	0	31	22	0	6	0	0	0	2	0	0	0	0
68.7	75.4												
1645	0	27	29	1	2	0	0	0	3	0	0	0	0
69.9	76.5												
1700	1	33	24	0	1	0	0	0	0	0	0	0	0
70.1	77.6												
1715	0	12	14	0	3	0	0	0	2	0	0	0	0
68.2	77.2												
1730	0	26	15	0	2	0	0	0	2	0	0	0	0
69.0	74.9												
1745	0	19	10	1	0	0	0	0	0	1	0	0	0
68.3	74.6												
1800	1	17	14	0	1	0	0	0	0	0	0	0	0
68.9	74.2												
1815	0	28	30	0	3	0	0	0	0	0	0	0	0
69.6	75.7												
1830	1	21	30	0	2	0	0	0	1	0	0	0	0
71.2	79.8												
1845	0	25	18	0	1	0	0	0	0	0	0	0	0
70.4	77.3												
1900	0	18	28	0	5	0	0	0	1	0	0	0	0
71.8	80.1												
1915	0	22	15	0	5	0	0	1	1	0	0	0	0
70.7	75.8												
1930	1	14	9	0	3	0	0	0	1	0	0	0	0
68.2	74.1												
1945	0	19	20	0	3	0	0	1	0	0	0	0	0
67.5	75.1												
2000	0	18	10	0	3	0	0	0	0	0	0	0	0
68.2	76.2												
2015	0	10	11	1	4	0	0	0	1	0	0	0	0
66.0	73.9												
2030	1	19	9	0	3	0	0	0	0	0	0	0	0
68.3	73.0												
2045	0	10	5	0	0	0	0	0	0	0	0	0	0
68.6	75.9												
2100	2	5	4	0	1	0	0	0	0	0	0	0	0
70.5	75.5												
2115	0	8	7	0	0	0	0	0	0	0	0	0	0
69.0	77.7												
2130	0	5	4	0	1	0	0	1	0	0	0	0	0
69.7	78.0												
2145	0	9	7	0	0	0	0	0	0	0	0	0	0
67.2	72.8												
2200	0	6	3	0	1	0	0	0	0	0	0	0	0
68.8	-												
2215	0	4	4	0	0	0	0	0	0	0	0	0	0
71.6	-												
2230	0	2	3	0	0	0	0	0	0	0	0	0	0
67.7	-												
2245	0	4	5	0	0	0	0	0	0	0	0	0	0
68.8	-												
2300	0	4	1	0	3	0	0	0	0	0	0	0	0
67.2	-												
2315	0	1	4	0	0	0	0	0	0	0	0	0	0
66.7	-												
2330	0	0	1	0	1	0	0	0	0	0	0	0	0
62.4	-												
2345	0	7	1	0	0	0	0	0	0	0	0	0	0
62.4	-												
00-00	11	1281	1231	7	189	5	0	13	30	2	0	0	0
69.1	75.4												

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

* Monday, May 07, 2018

Time Mean	Cls Vpp	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
0000	0	2	1	0	0	0	0	0	0	0	0	0	0
62.4	-												
0015	0	1	0	0	0	0	0	0	0	0	0	0	0
70.2	-												
0030	0	2	5	0	0	0	0	0	0	0	0	0	0
70.7	-												
0045	0	3	0	0	0	0	0	0	0	0	0	0	0
61.7	-												
0100	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0115	0	0	1	0	0	0	0	0	0	0	0	0	0
68.7	-												
0130	0	1	1	0	0	0	0	0	0	0	0	0	0
66.4	-												
0145	0	0	1	0	0	0	0	0	0	0	0	0	0
76.0	-												
0200	0	0	2	0	0	0	0	0	0	0	0	0	0
61.0	-												
0215	0	1	1	0	0	0	0	0	1	0	0	0	0
66.5	-												
0230	0	0	1	0	0	0	0	0	0	0	0	0	0
67.4	-												
0245	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0300	0	1	1	0	0	0	0	0	0	0	0	0	0
67.2	-												
0315	0	2	0	0	0	0	0	0	0	0	0	0	0
66.4	-												
0330	0	1	1	0	0	0	0	0	2	0	0	0	0
61.1	-												
0345	0	3	2	0	0	0	0	1	0	0	0	0	0
65.6	-												
0400	0	6	2	0	0	0	0	0	0	0	0	0	0
62.3	-												
0415	0	5	1	0	0	0	0	0	0	0	0	0	0
70.6	-												
0430	0	8	6	0	0	0	0	0	0	0	0	0	0
70.8	79.5												
0445	0	11	6	0	0	0	0	0	0	0	0	0	0
70.1	74.5												
0500	0	7	6	0	0	0	0	0	0	0	0	0	0
67.2	76.1												
0515	0	2	5	0	1	0	0	0	0	0	0	0	0
63.2	-												
0530	0	12	9	0	0	0	0	0	0	0	0	0	0
67.1	74.2												
0545	1	12	12	0	1	1	0	0	0	0	0	0	0
67.1	74.6												
0600	0	13	12	0	1	0	0	0	0	0	0	0	0
65.6	70.2												
0615	0	20	15	2	2	0	0	0	1	0	0	0	0
68.2	73.5												
0630	0	30	22	1	2	0	0	0	0	0	0	0	0
68.7	74.7												
0645	0	25	11	0	3	0	0	0	0	0	0	0	0
71.1	79.6												
0700	0	19	15	0	6	0	0	0	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
69.4	74.1												
0715	0	18	15	5	2	1	0	0	0	0	0	0	0
67.1	72.6												
0730	0	24	17	0	3	0	0	0	0	0	0	0	0
69.1	77.4												
0745	0	23	5	0	1	0	0	0	0	2	0	0	0
69.9	78.0												
0800	0	26	21	3	2	3	0	0	1	0	0	0	0
67.8	73.4												
0815	0	30	22	0	3	0	0	0	0	0	0	0	0
67.9	73.9												
0830	0	21	15	1	5	0	0	0	2	1	0	0	0
67.4	73.9												
0845	0	17	19	0	6	0	0	0	0	0	0	0	0
68.1	74.8												
0900	3	26	15	0	2	1	0	0	3	0	0	0	0
67.2	72.0												
0915	0	29	22	1	2	1	0	0	0	0	0	0	0
67.7	72.7												
0930	0	24	21	0	0	1	0	1	0	0	0	0	0
69.7	78.3												
0945	0	30	25	0	8	0	0	0	3	1	0	0	0
67.3	74.2												
1000	0	21	23	1	5	1	0	0	0	0	0	0	0
67.6	73.9												
1015	0	12	16	2	5	2	0	1	2	0	0	0	0
67.0	75.2												
1030	0	12	14	0	2	1	0	1	2	0	0	0	0
67.3	74.7												
1045	0	19	19	1	3	0	0	0	1	0	0	0	0
66.0	72.0												
1100	0	20	20	1	1	2	0	0	1	1	0	0	0
67.0	71.7												
1115	0	16	18	2	4	0	0	0	2	0	0	0	0
67.0	72.9												
1130	1	17	20	0	1	1	0	1	3	0	0	0	0
65.8	72.2												
1145	0	15	19	0	4	1	0	0	0	0	0	0	0
67.3	72.3												
1200	0	25	14	1	4	1	0	0	1	0	0	0	0
67.1	72.1												
1215	0	19	22	0	5	0	0	0	0	0	0	0	0
67.0	74.8												
1230	0	16	14	0	6	2	0	0	4	0	0	0	0
67.4	73.0												
1245	0	22	15	1	4	1	0	0	2	0	0	0	0
65.6	71.9												
1300	0	20	22	2	2	0	0	0	3	0	0	0	0
67.0	75.9												
1315	1	14	29	1	7	0	0	0	2	0	0	0	0
68.1	75.5												
1330	0	17	26	0	3	5	0	0	0	1	0	0	0
64.7	72.3												
1345	0	24	17	1	5	0	0	0	1	0	0	0	0
64.2	70.2												
1400	0	12	21	0	6	2	0	0	3	0	0	0	0
65.9	72.9												
1415	0	17	25	3	3	1	0	0	1	0	0	0	0
68.7	76.1												
1430	0	19	29	1	5	0	0	0	2	0	0	0	0
69.1	76.2												
1445	1	24	24	1	8	0	0	0	5	0	0	0	0
69.1	74.5												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1500	1	20	24	3	7	0	0	0	4	0	0	0	0	
70.3	74.9													
1515	0	19	28	0	13	0	0	1	1	0	0	0	0	
70.3	75.0													
1530	0	30	22	0	8	1	0	0	0	0	0	0	0	
71.7	75.4													
1545	0	20	26	0	7	1	0	0	2	1	0	0	0	
71.4	76.7													
1600	0	25	23	4	6	0	0	2	0	0	0	0	0	
71.1	76.1													
1615	0	23	16	2	9	1	0	2	2	0	0	0	0	
70.2	74.7													
1630	1	20	37	1	15	0	0	0	0	0	0	0	0	
72.5	77.5													
1645	0	33	49	1	10	0	0	1	3	0	0	0	0	
73.1	80.1													
1700	1	24	22	1	9	0	0	0	2	0	0	0	0	
72.9	80.4													
1715	0	18	25	1	6	1	0	0	4	0	0	0	0	
70.7	76.0													
1730	0	18	26	1	4	0	0	0	1	0	0	0	0	
70.9	78.3													
1745	0	22	25	0	7	0	0	0	0	0	0	0	0	
72.4	78.3													
1800	0	14	11	1	2	0	0	0	2	0	0	0	0	
71.0	76.4													
1815	0	22	20	1	3	0	0	0	0	0	0	0	0	
70.9	76.9													
1830	0	16	16	0	3	0	0	0	0	0	0	0	0	
73.9	79.8													
1845	0	10	14	0	2	0	0	0	1	0	0	0	0	
71.0	76.7													
1900	0	10	7	0	2	0	0	0	0	0	0	0	0	
70.7	74.7													
1915	0	16	16	0	7	0	0	0	0	0	0	0	0	
69.8	74.5													
1930	0	10	11	1	1	0	0	0	2	0	0	0	0	
71.8	79.3													
1945	0	3	7	0	3	0	0	0	0	0	0	0	0	
69.9	74.8													
2000	0	12	18	1	2	0	0	0	0	0	0	0	0	
68.3	73.7													
2015	0	9	11	1	2	0	0	0	0	0	0	0	0	
67.1	72.9													
2030	0	7	6	0	3	0	0	0	0	0	0	0	0	
71.9	77.6													
2045	0	7	10	0	2	0	0	0	0	0	0	0	0	
69.2	74.2													
2100	0	3	7	1	1	0	0	0	0	0	0	0	0	
68.5	72.3													
2115	0	7	1	0	0	0	0	0	0	0	0	0	0	
68.1	-													
2130	0	8	1	0	0	0	0	0	0	0	0	0	0	
72.2	-													
2145	0	3	6	0	1	0	0	0	0	0	0	0	0	
69.6	-													
2200	0	4	2	0	0	0	0	0	0	0	0	0	0	
62.0	-													
2215	0	2	2	0	1	0	0	0	0	0	0	0	0	
72.5	-													
2230	0	1	2	0	0	0	0	0	1	0	0	0	0	
72.6	-													
2245	0	1	0	0	0	0	0	0	0	0	0	0	0	

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

59.8	-												
2300	0	4	1	0	1	0	0	0	1	0	0	0	0
69.2	-												
2315	0	2	2	0	2	0	0	0	0	0	0	0	0
71.0	-												
2330	0	0	2	0	1	0	0	0	0	0	0	0	0
67.5	-												
2345	0	0	3	0	0	0	0	0	1	0	0	0	0
66.9	-												
00-00	10	1259	1242	51	273	32	0	11	75	7	0	0	0
68.9	75.3												

* Tuesday, May 08, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
0000	0	2	1	0	0	0	0	0	0	0	0	0	0
71.1	-												
0015	0	1	0	0	2	0	0	0	0	0	0	0	0
63.7	-												
0030	0	0	2	0	1	0	0	0	0	0	0	0	0
70.4	-												
0045	0	1	0	0	0	0	0	0	0	0	0	0	0
67.0	-												
0100	0	3	1	0	0	0	0	0	0	0	0	0	0
68.5	-												
0115	0	2	0	0	0	0	0	0	0	0	0	0	0
68.2	-												
0130	0	1	2	0	1	0	0	0	0	0	0	0	0
70.5	-												
0145	0	1	1	0	0	0	0	0	0	0	0	0	0
67.0	-												
0200	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0215	0	1	0	0	0	0	0	0	0	0	0	0	0
67.0	-												
0230	0	0	2	0	0	0	0	0	0	0	0	0	0
68.8	-												
0245	0	0	0	0	0	0	0	0	1	0	0	0	0
74.9	-												
0300	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0315	0	0	1	0	2	0	0	0	0	0	0	0	0
75.5	-												
0330	0	2	2	0	0	0	0	0	0	0	0	0	0
73.2	-												
0345	0	4	0	0	1	0	0	0	0	0	0	0	0
69.2	-												
0400	0	3	2	0	0	0	0	0	0	0	0	0	0
71.8	-												
0415	0	7	3	0	0	0	0	0	0	0	0	0	0
73.9	-												
0430	0	4	3	0	0	0	0	0	0	0	0	0	0
70.5	-												
0445	0	7	4	0	0	0	0	0	0	0	0	0	0
73.1	80.7												
0500	0	6	10	0	1	0	0	0	0	0	0	0	0
71.2	74.9												
0515	0	4	7	0	1	0	0	0	0	0	0	0	0
68.4	75.7												
0530	0	10	13	0	1	0	0	0	0	0	0	0	0
68.3	74.7												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0545	0	10	11	0	5	0	0	0	0	0	0	0	0	0
67.9	72.4													
0600	0	11	11	0	4	0	0	0	0	1	0	0	0	0
67.6	71.9													
0615	0	13	16	2	7	0	0	0	0	0	0	0	0	0
71.1	76.5													
0630	0	26	14	2	5	0	0	0	0	0	0	0	0	0
70.7	77.5													
0645	0	21	9	0	2	0	0	0	0	0	0	0	0	0
71.9	76.5													
0700	0	18	18	0	2	0	0	0	0	1	0	0	0	0
73.6	79.8													
0715	0	22	14	2	2	0	0	0	0	1	1	0	0	0
69.8	76.6													
0730	0	23	17	1	6	0	0	0	0	0	0	0	0	0
69.5	76.4													
0745	0	32	14	1	2	0	0	0	0	2	0	0	0	0
69.6	77.4													
0800	0	19	18	1	4	1	0	0	0	0	0	0	0	0
70.0	76.2													
0815	0	20	15	0	3	1	1	0	3	0	0	0	0	1
70.2	76.2													
0830	0	18	21	0	5	0	0	0	2	0	0	0	0	0
70.6	76.9													
0845	0	18	17	0	4	0	0	0	2	0	0	0	0	0
69.4	75.7													
0900	0	16	22	0	7	0	0	0	2	0	0	0	0	0
71.4	77.5													
0915	0	23	28	0	7	3	0	0	1	0	0	0	0	0
69.5	75.3													
0930	0	16	19	0	8	0	1	0	3	0	0	0	0	0
68.8	73.0													
0945	0	13	17	0	6	0	0	0	1	1	0	0	0	0
68.1	74.5													
1000	0	12	20	0	4	2	0	0	1	0	0	0	0	0
70.1	77.9													
1015	1	10	20	0	2	0	0	0	1	2	1	0	0	0
68.6	76.4													
1030	0	11	17	0	5	1	0	0	2	0	0	0	0	0
70.1	74.8													
1045	0	14	19	1	4	3	0	1	4	0	0	0	0	0
67.0	73.1													
1100	0	15	23	0	4	2	0	1	0	1	0	0	0	0
66.9	72.5													
1115	0	16	21	0	5	1	0	0	1	0	0	0	0	0
71.3	77.8													
1130	0	18	16	0	3	1	0	0	3	1	0	0	0	0
68.6	73.7													
1145	0	16	29	0	9	0	0	0	1	0	0	0	0	0
69.9	75.9													
1200	0	14	18	0	7	1	0	0	3	0	0	0	0	0
70.1	76.9													
1215	0	17	18	1	4	1	0	1	2	0	0	0	0	0
70.6	78.7													
1230	0	19	19	2	9	0	1	0	1	0	0	0	0	0
71.1	78.6													
1245	0	15	19	2	11	2	1	0	2	0	0	0	0	0
67.1	73.2													
1300	0	12	24	2	2	1	1	1	0	2	0	0	0	0
70.8	77.9													
1315	0	10	21	2	10	2	0	0	6	0	0	0	0	0
67.4	74.3													
1330	0	15	31	0	7	2	0	0	2	0	0	0	0	0

5 LA23 NB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

69.3	75.3												
1345	0	17	31	1	5	1	0	0	2	0	0	0	0
69.5	76.3												
1400	0	13	31	1	6	0	0	0	1	0	0	0	0
68.5	74.3												
1415	0	12	17	1	8	1	0	0	2	1	0	0	0
70.5	74.3												
1430	0	21	27	0	8	1	0	0	0	0	0	0	0
70.4	76.3												
1445	0	26	30	2	3	0	0	0	2	0	0	0	0
70.8	77.5												
1500	0	16	32	1	4	1	0	1	3	0	0	0	0
68.3	73.4												
1515	1	18	24	0	10	1	0	1	0	0	0	0	0
68.9	76.6												
1530	0	22	37	2	13	0	0	0	2	0	0	0	0
71.0	79.0												
1545	0	23	21	2	5	0	0	0	4	0	0	0	0
70.2	76.9												
1600	0	30	24	1	7	3	0	0	3	0	0	0	0
70.7	75.6												
1615	0	20	27	2	3	1	0	1	1	0	0	0	0
69.2	75.2												
1630	2	23	36	1	9	1	0	0	2	0	0	0	0
72.3	79.2												
1645	0	38	46	1	11	0	0	0	2	0	0	0	0
72.0	78.1												
1700	0	30	28	1	18	2	0	1	0	0	0	0	0
71.2	76.6												
1715	1	17	34	2	3	0	0	0	1	0	0	0	0
70.3	77.3												
1730	0	17	28	1	9	0	0	1	2	0	0	0	0
69.8	76.9												
1745	0	18	29	1	5	0	0	0	4	0	0	0	0
70.9	77.0												
1800	1	17	30	2	10	1	0	0	1	0	0	0	0
69.3	75.1												
1815	0	17	14	0	4	1	0	1	0	0	0	0	0
70.0	77.8												
1830	0	19	14	0	3	0	0	0	2	0	0	0	0
70.8	76.1												
1845	0	8	15	0	4	0	0	0	2	0	0	0	0
69.6	74.1												
1900	0	15	12	0	5	0	0	0	1	0	0	0	0
70.6	76.3												
1915	0	9	20	0	1	0	0	0	2	0	0	0	0
72.6	79.0												
1930	0	9	13	0	5	0	0	0	0	1	0	0	0
69.3	76.9												
1945	0	10	6	0	2	0	0	1	0	0	0	0	0
68.7	76.0												
2000	0	14	12	0	1	1	0	0	0	0	0	0	0
69.5	78.5												
2015	0	10	14	0	1	0	0	0	2	0	0	0	0
68.6	73.9												
2030	0	5	10	0	4	0	0	0	0	0	0	0	0
66.7	75.0												
2045	0	6	8	0	1	0	0	0	1	0	0	0	0
70.5	76.7												
2100	0	12	6	0	2	0	0	0	0	0	0	0	0
73.2	84.7												
2115	0	12	5	0	1	0	0	0	0	0	0	0	0
71.6	79.0												

	5	LA23	NB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
2130	0		5	6	0	3	0	0	0	0	0	0	0	0
68.5	74.4													
2145	0		2	2	0	1	0	0	0	0	0	0	0	0
68.5	-													
2200	0		3	3	0	1	0	0	0	0	0	0	0	0
73.4	-													
2215	0		2	4	0	2	0	0	0	0	0	0	0	0
70.1	-													
2230	0		2	2	1	1	0	0	0	0	0	0	0	0
69.6	-													
2245	0		3	0	0	3	0	0	0	0	0	0	0	0
69.7	-													
2300	0		2	2	0	1	0	0	0	0	0	0	0	0
72.0	-													
2315	0		1	2	0	0	0	0	0	0	0	0	0	0
73.6	-													
2330	0		2	4	0	0	0	0	0	1	0	0	0	0
65.5	-													
2345	0		2	5	0	0	0	0	0	0	0	0	0	0
64.2	-													
00-00	6	1140	1361		42	358	39	5	12	93	9	0	0	1
70.0	76.2													

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

* Tuesday, April 17, 2018 - Wednesday, April 18, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	
Mean	Vpp	1	2	3	4	5	6	7	8	9	10	11	12	13
1500	85	1	20	13	0	6	1	0	0	1	0	0	0	0
67.0	74.8	0	25	13	1	4	2	1	0	1	0	0	0	0
1515	73.9	0	24	19	0	2	0	1	0	0	0	0	0	0
68.3	75.1	0	23	15	3	4	2	0	0	0	0	0	0	0
1530	77.0	0	32	15	2	3	1	0	0	0	0	0	0	0
68.5	74.0	0	27	20	0	2	0	1	0	0	0	0	0	0
1545	72.3	0	21	14	0	2	1	1	0	1	2	0	0	0
69.4	73.4	0	27	27	0	3	0	0	1	2	0	0	0	0
1600	76.2	0	19	17	0	3	0	0	0	0	0	0	0	0
69.7	75.2	0	21	11	2	2	1	0	1	0	0	0	0	0
1615	75.3	0	24	20	0	3	0	0	0	0	0	0	0	0
67.5	76.1	0	18	20	0	9	0	0	0	0	1	0	0	0
1630	74.6	1	29	23	1	4	1	0	0	0	0	0	0	0
68.6	77.1	0	21	10	0	2	1	0	0	0	0	0	0	0
1645	74.2	0	23	14	0	3	0	0	0	0	0	0	0	0
69.2	75.7	0	21	12	1	3	0	0	1	0	0	0	0	0
1700	74.6	0	19	14	0	3	0	0	0	0	0	0	0	0
67.9	76.0	0	28	10	0	1	1	0	0	1	0	0	0	0
1715	77.3	0	15	11	0	1	0	0	0	0	0	0	0	0
69.1	75.9	0	16	15	1	1	1	0	0	1	0	0	0	0
1730	77.7	0	11	12	0	5	0	0	0	0	0	0	0	0
69.2	75.7	0	10	16	0	1	0	0	0	0	0	0	0	0
1745	72.2	1	14	9	0	1	0	0	0	1	0	0	0	0
68.5	74.1	0	5	6	0	1	1	0	0	0	0	0	0	0
1800	71.6	0	7	11	0	2	0	0	0	0	0	0	0	0
69.5	75.7	0	3	4	1	0	0	0	0	0	0	0	0	0
1815	-	0	6	8	0	2	0	0	0	0	0	0	0	0
69.7	77.4	0	6	5	0	1	0	0	0	0	0	0	0	0
1830	75.4	0	6	5	0	1	0	0	0	0	0	0	0	0

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
2200	0	7	5	0	2	0	0	0	0	0	0	0	0	0
70.7	77.8													
2215	0	13	6	0	0	0	0	0	0	0	0	0	0	0
66.9	74.2													
2230	0	11	5	0	0	0	0	0	0	0	0	0	0	0
67.7	71.5													
2245	0	11	3	0	0	0	0	0	0	0	0	0	0	0
66.6	74.2													
2300	0	8	9	0	0	0	0	0	0	1	0	0	0	0
69.0	75.7													
2315	0	8	4	0	3	0	0	0	0	0	0	0	0	0
68.3	73.0													
2330	0	8	5	0	0	0	0	0	0	0	0	0	0	0
68.3	73.3													
2345	0	7	1	0	0	0	0	0	0	0	0	0	0	0
69.2	-													
0000	0	3	3	0	0	0	0	0	0	0	0	0	0	0
62.7	-													
0015	0	3	3	0	0	0	0	0	0	0	0	0	0	0
71.1	-													
0030	0	4	6	0	1	0	0	0	0	0	0	0	0	0
66.7	75.7													
0045	0	3	4	0	0	0	0	0	0	0	0	0	0	0
68.1	-													
0100	0	2	4	0	1	0	0	0	0	0	0	0	0	0
65.7	-													
0115	0	2	5	0	0	0	0	0	0	0	0	0	0	0
67.9	-													
0130	0	6	3	0	2	0	0	0	0	0	1	0	0	0
70.4	74.6													
0145	0	2	5	0	0	0	0	0	0	0	0	0	0	0
69.1	-													
0200	0	1	2	0	0	0	0	0	0	0	0	0	0	0
66.7	-													
0215	0	1	4	0	1	0	0	0	0	0	0	0	0	0
67.9	-													
0230	0	0	6	0	1	0	0	0	1	0	1	0	0	0
72.2	-													
0245	0	2	4	0	2	0	0	0	0	1	0	0	0	0
67.8	-													
0300	0	1	4	0	1	1	0	0	0	1	0	0	0	0
66.3	-													
0315	0	2	0	0	0	0	0	0	0	0	0	0	0	0
68.6	-													
0330	0	3	6	0	0	0	0	0	0	0	0	0	0	0
67.7	-													
0345	0	7	8	0	1	0	0	0	0	0	0	0	0	0
69.2	80.5													
0400	0	5	7	0	7	1	0	0	0	1	0	0	0	0
68.2	71.8													
0415	0	10	8	1	2	2	0	0	0	0	0	0	0	0
68.9	73.3													
0430	0	7	19	0	4	0	0	0	0	0	0	0	0	0
71.4	77.5													
0445	0	17	24	1	7	1	0	0	0	0	0	0	0	0
68.9	76.2													
0500	0	13	22	1	5	2	1	0	0	1	0	0	0	0
70.0	75.9													
0515	0	18	30	0	6	1	0	0	0	0	0	0	0	0
71.4	77.5													
0530	0	18	30	0	16	0	0	0	0	0	0	0	0	0
70.6	74.9													
0545	0	25	23	0	6	1	0	0	0	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

71.1	75.9												
0600	0	26	29	0	9	1	0	0	1	0	0	0	0
71.2	76.8												
0615	0	28	18	1	6	0	1	2	0	0	0	0	0
72.9	77.7												
0630	0	18	26	1	0	2	0	0	0	0	0	0	0
70.9	77.7												
0645	0	25	22	0	2	2	1	1	0	0	0	0	0
69.2	74.5												
0700	0	37	29	0	4	2	0	0	0	0	0	0	0
70.6	75.4												
0715	1	33	27	3	7	2	0	0	2	0	0	0	0
71.9	78.1												
0730	0	30	24	0	8	0	0	0	0	0	0	0	0
70.9	76.4												
0745	0	23	19	0	8	4	3	0	2	0	0	0	1
72.3	80.6												
0800	0	17	16	1	9	1	0	0	5	2	0	0	0
68.7	74.6												
0815	0	12	26	0	5	1	4	0	0	0	0	0	0
68.5	74.4												
0830	0	13	15	2	14	0	2	0	0	0	0	0	0
69.2	75.2												
0845	0	19	20	1	7	2	2	1	1	1	0	0	0
70.2	76.0												
0900	0	22	19	1	7	1	0	0	2	0	0	0	0
70.0	75.0												
0915	0	19	22	1	3	0	0	0	1	0	0	0	0
69.5	75.0												
0930	0	10	21	0	2	0	0	0	0	0	0	0	0
66.4	73.7												
0945	0	9	21	2	10	3	1	1	1	0	0	0	0
66.3	71.4												
1000	0	11	20	1	3	4	4	1	0	0	0	0	0
68.2	72.5												
1015	0	22	18	1	1	3	0	0	1	0	0	0	0
65.9	73.0												
1030	0	11	24	2	10	3	2	0	2	2	0	0	0
66.7	72.8												
1045	0	9	13	1	2	2	0	1	1	0	0	0	0
64.9	72.0												
1100	0	6	19	1	5	3	0	0	0	1	0	0	0
65.6	71.2												
1115	0	15	17	0	5	3	0	0	1	0	0	0	0
66.5	72.8												
1130	0	13	24	0	2	0	2	0	2	0	0	0	0
66.3	72.3												
1145	0	16	12	0	5	2	1	0	1	0	0	0	0
68.3	73.6												
1200	0	10	28	2	2	4	0	1	1	0	0	0	0
67.0	71.8												
1215	0	12	12	0	3	1	0	0	1	0	0	0	0
69.1	75.7												
1230	0	8	12	3	2	0	0	0	1	0	0	0	0
69.5	78.4												
1245	0	17	18	1	1	2	0	0	1	0	0	0	0
68.5	73.4												
1300	1	15	19	0	2	0	2	0	3	0	0	0	0
68.0	75.2												
1315	1	12	22	0	3	1	2	0	0	0	0	0	0
67.0	73.3												
1330	0	20	11	1	6	0	1	0	1	0	0	0	0
65.3	70.2												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1345	0	17	21	1	4	0	1	0	0	0	0	0	0	
70.1	76.0													
1400	0	12	14	1	1	1	0	0	4	0	0	0	0	
70.0	76.4													
1415	0	15	11	0	2	0	0	1	0	2	0	0	0	
67.8	73.9													
1430	0	18	14	1	2	1	1	0	2	0	0	0	0	
65.9	73.1													
1445	0	25	9	1	6	5	1	0	0	1	0	0	0	
64.7	73.4													

* Wednesday, April 18, 2018 - Thursday, April 19, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	23	19	0	4	0	0	0	2	0	0	0	0
69.2	74.3												
1515	0	17	14	0	7	1	2	0	1	0	0	0	0
70.1	75.6												
1530	0	16	16	1	3	1	0	0	2	0	0	0	0
67.7	74.5												
1545	0	21	18	2	7	1	0	1	0	0	0	0	0
67.1	74.8												
1600	0	24	17	1	4	1	0	1	0	0	0	0	0
69.4	75.9												
1615	0	20	16	1	3	0	3	0	1	0	0	0	0
68.9	77.7												
1630	0	21	15	0	3	0	0	0	2	0	0	0	0
69.6	77.3												
1645	0	38	22	1	4	2	0	0	2	0	0	0	0
71.5	77.0												
1700	0	16	19	0	5	0	0	0	1	0	0	0	0
69.1	75.8												
1715	0	23	24	1	2	1	0	1	3	0	0	0	0
69.6	76.3												
1730	0	21	13	1	4	1	0	0	0	0	0	0	0
69.4	75.2												
1745	0	28	19	1	3	0	0	0	0	0	0	0	0
68.6	73.6												
1800	0	20	21	0	4	1	0	0	1	0	0	0	0
67.4	72.8												
1815	0	28	14	0	2	0	0	0	1	1	0	0	0
69.4	76.1												
1830	0	14	12	0	5	0	0	0	2	0	0	0	0
68.8	75.4												
1845	0	24	14	0	2	0	0	0	0	0	0	0	0
69.2	76.4												
1900	0	16	15	1	4	0	0	0	0	0	0	0	0
66.8	73.9												
1915	0	27	16	0	1	0	0	0	0	0	0	0	0
70.4	75.8												
1930	1	18	12	0	4	0	0	0	0	0	0	0	0
71.3	76.8												
1945	0	13	9	0	2	0	0	1	0	0	0	0	0
68.7	74.7												
2000	0	21	4	0	3	1	0	0	0	0	0	0	0
70.6	76.5												
2015	0	17	18	1	3	1	0	1	0	0	0	0	0
68.9	74.3												
2030	0	9	11	0	1	0	0	0	0	0	0	0	0
70.0	79.1												
2045	0	7	8	0	1	0	0	0	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

67.0	72.1												
2100	0	10	5	0	5	0	0	0	0	0	0	0	0
65.5	75.3												
2115	0	15	7	0	4	0	0	0	0	0	0	0	0
67.1	75.0												
2130	0	12	4	0	0	0	0	0	0	0	0	0	0
68.7	76.1												
2145	1	10	9	0	2	0	0	0	0	0	0	0	0
67.0	72.9												
2200	0	13	9	0	2	0	0	0	0	0	0	0	0
70.2	77.0												
2215	0	12	3	0	0	0	0	0	0	0	0	0	0
67.9	73.1												
2230	0	6	9	0	1	0	0	0	0	0	0	0	0
68.4	75.0												
2245	0	3	4	0	1	0	0	0	0	0	0	0	0
68.7	-												
2300	0	9	2	0	1	0	0	0	0	0	0	0	0
67.4	74.6												
2315	0	4	5	0	1	0	0	0	0	0	0	0	0
71.4	-												
2330	0	8	4	0	1	0	0	0	1	0	0	0	0
70.8	77.3												
2345	0	5	4	0	1	0	0	0	0	0	0	0	0
70.1	-												
0000	0	7	3	1	0	0	0	0	0	0	0	0	0
65.9	80.3												
0015	0	6	4	0	0	0	0	0	1	0	0	0	0
69.3	77.1												
0030	0	3	2	0	1	0	0	0	0	0	0	0	0
64.7	-												
0045	0	5	3	0	0	0	0	0	0	0	0	0	0
71.5	-												
0100	0	4	0	0	2	0	0	0	0	0	0	0	0
68.9	-												
0115	0	2	1	0	1	0	0	0	0	0	0	0	0
68.6	-												
0130	0	2	2	0	0	0	0	0	0	0	0	0	0
68.6	-												
0145	0	2	2	0	1	0	0	0	0	0	0	0	0
72.2	-												
0200	0	4	1	0	0	0	0	0	2	0	0	0	0
69.8	-												
0215	0	1	2	0	0	0	0	0	0	0	0	0	0
68.0	-												
0230	0	4	1	0	1	0	0	0	0	0	0	0	0
70.4	-												
0245	0	0	1	0	0	0	0	0	0	2	0	0	0
66.6	-												
0300	0	1	1	0	1	0	0	0	0	0	0	0	0
69.4	-												
0315	0	3	3	1	1	0	1	0	0	0	0	0	0
71.0	-												
0330	0	2	5	0	0	0	1	0	0	0	0	0	0
64.1	-												
0345	0	4	6	0	1	0	0	0	0	0	0	0	0
70.3	82.0												
0400	0	8	6	0	1	0	0	0	1	0	0	0	0
67.5	75.9												
0415	0	11	11	1	3	0	0	0	0	0	0	0	0
71.6	76.8												
0430	0	7	16	0	5	0	1	0	0	0	0	0	0
71.3	76.4												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0445	0	9	14	0	3	0	0	0	0	1	0	0	0	0
72.2	79.6													
0500	0	10	20	0	2	3	0	0	0	1	0	0	0	0
71.1	78.7													
0515	0	16	22	0	2	1	1	0	0	0	0	0	0	0
70.7	75.5													
0530	0	12	22	0	6	1	0	0	0	0	0	0	0	0
70.0	75.7													
0545	0	18	14	1	11	1	1	0	0	0	0	0	0	0
72.7	78.2													
0600	0	15	28	1	3	3	0	0	0	0	0	0	0	0
70.9	75.7													
0615	0	19	27	0	5	2	1	1	1	1	0	0	0	0
71.2	77.2													
0630	0	29	13	0	2	2	1	0	0	0	0	0	0	0
72.3	80.1													
0645	0	13	19	1	7	0	0	3	0	0	0	0	0	0
69.9	76.0													
0700	0	26	27	1	6	1	0	0	0	0	0	0	0	0
69.5	75.5													
0715	0	27	35	4	9	2	1	0	0	0	0	0	0	0
72.5	79.8													
0730	1	20	25	1	8	6	1	1	3	0	0	0	0	0
71.0	78.2													
0745	0	21	19	1	4	0	0	1	1	0	0	0	0	0
71.9	77.1													
0800	0	21	20	1	4	0	0	0	1	0	0	0	0	0
70.4	77.3													
0815	1	17	13	0	8	1	2	0	3	2	0	0	0	0
71.5	78.2													
0830	0	26	16	1	7	1	1	0	2	0	0	0	0	0
71.9	77.7													
0845	0	10	25	0	6	0	2	0	1	0	0	0	0	1
69.8	76.4													
0900	0	12	16	1	4	1	1	0	0	0	0	0	0	0
68.4	75.0													
0915	0	17	10	1	6	1	0	0	1	0	0	0	0	0
70.0	77.5													
0930	0	15	14	1	4	2	0	0	0	1	0	0	0	0
67.8	72.8													
0945	0	13	28	1	3	5	1	1	0	0	0	0	0	0
68.9	74.2													
1000	0	20	23	0	4	1	1	1	1	0	0	0	0	1
69.1	73.8													
1015	0	16	18	1	5	1	1	0	2	2	0	0	0	0
67.2	72.5													
1030	0	17	17	1	5	1	0	0	3	0	0	0	0	0
69.9	75.5													
1045	0	9	19	1	6	0	3	1	2	0	0	0	0	0
67.4	75.2													
1100	0	8	17	1	3	0	1	0	3	0	0	0	0	0
69.2	76.7													
1115	0	10	14	1	5	0	0	0	3	0	0	0	0	1
70.0	75.6													
1130	0	13	20	0	3	3	1	0	0	0	0	0	0	0
68.9	73.6													
1145	0	15	24	3	6	2	0	1	3	0	0	0	0	0
67.8	75.7													
1200	0	8	17	1	7	1	0	0	1	0	0	0	0	0
67.6	73.3													
1215	0	9	21	1	1	0	0	0	3	0	0	0	0	0
69.2	75.3													
1230	0	14	7	1	7	1	2	1	3	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

70.0	77.4												
1245	0	18	14	1	3	1	1	0	1	0	0	0	0
69.3	78.5												
1300	0	18	18	0	2	2	1	0	1	1	0	0	0
67.9	76.2												
1315	0	21	13	0	4	1	0	0	0	0	0	0	0
71.0	76.3												
1330	0	18	19	2	4	0	3	0	0	0	0	0	0
69.4	74.2												
1345	0	17	15	0	3	4	1	1	1	0	0	0	0
70.0	77.7												
1400	0	14	25	3	0	0	1	0	0	1	0	0	1
69.5	77.0												
1415	0	17	21	3	2	4	1	0	3	0	0	0	0
67.6	72.2												
1430	0	25	19	1	3	1	0	0	3	0	0	0	0
69.6	74.8												
1445	0	14	14	1	2	0	0	0	2	1	0	0	0
69.3	74.1												

* Thursday, April 19, 2018 - Friday, April 20, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	18	22	2	3	0	1	0	1	0	0	0	0
68.9	74.3												
1515	0	20	10	1	1	0	1	0	1	0	0	0	0
70.9	77.6												
1530	0	19	10	1	3	0	0	0	0	0	0	0	0
71.3	81.8												
1545	0	23	17	1	3	1	0	0	1	0	0	0	0
70.9	76.7												
1600	0	21	18	3	4	1	0	0	0	0	0	0	0
69.6	76.4												
1615	0	22	19	2	4	1	0	0	1	0	0	0	0
72.5	78.7												
1630	0	33	18	2	7	2	0	0	2	0	0	0	0
71.3	78.1												
1645	1	19	21	1	3	0	2	1	0	0	0	0	1
68.7	74.8												
1700	0	25	18	0	3	0	1	0	0	0	0	0	0
72.1	77.5												
1715	0	20	23	1	5	0	1	2	0	0	0	0	0
70.5	76.8												
1730	0	24	21	0	6	0	0	0	1	0	0	0	0
72.6	78.3												
1745	0	22	16	1	4	0	0	0	0	0	0	0	0
71.7	79.6												
1800	0	26	26	0	6	1	0	0	0	0	0	0	0
72.1	77.2												
1815	0	23	13	0	3	0	0	0	1	0	0	0	0
68.7	74.2												
1830	1	20	23	0	4	0	0	1	0	0	0	0	0
71.4	79.4												
1845	0	20	10	0	0	3	0	0	0	0	0	0	0
73.3	79.1												
1900	1	19	16	0	4	0	0	0	0	0	0	0	0
69.6	76.8												
1915	0	15	11	0	2	2	0	0	1	0	0	0	0
72.5	76.8												
1930	0	15	12	0	1	2	0	1	1	0	0	0	0
70.7	77.3												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1945	0	12	14	0	2	1	0	0	0	0	0	0	0	0
69.8	76.6													
2000	0	16	10	0	1	0	0	0	0	0	0	0	0	0
68.1	73.6													
2015	1	23	10	0	0	0	0	1	2	0	0	0	0	0
71.2	76.5													
2030	0	8	12	1	2	0	0	0	0	0	0	0	0	0
67.6	72.7													
2045	0	14	9	0	3	0	0	0	0	0	0	0	0	0
68.4	73.2													
2100	0	14	11	0	1	0	0	0	1	0	0	0	0	0
70.5	75.9													
2115	0	11	2	1	2	1	0	0	0	0	0	0	0	0
69.7	75.4													
2130	1	7	3	0	1	0	0	0	0	0	0	0	0	0
71.5	79.9													
2145	0	13	6	0	2	0	0	0	0	0	0	0	0	0
71.8	76.2													
2200	0	9	8	0	2	0	0	0	0	0	0	0	0	0
72.2	77.9													
2215	0	8	4	0	1	0	0	0	2	0	0	0	0	0
69.8	74.7													
2230	0	8	6	0	2	0	0	0	0	0	0	0	0	0
68.6	74.1													
2245	0	8	7	0	0	0	0	0	0	0	0	0	0	0
70.2	79.0													
2300	0	4	1	0	0	0	0	0	0	0	0	0	0	0
64.5	-													
2315	0	8	4	1	0	0	0	0	0	0	0	0	0	0
72.8	77.6													
2330	0	8	2	0	0	0	0	0	0	0	0	0	0	0
72.8	-													
2345	0	1	3	0	0	0	0	0	0	0	0	0	0	0
69.4	-													
0000	0	8	8	0	0	0	0	0	1	0	0	0	0	0
70.1	80.7													
0015	0	2	3	0	1	0	0	0	0	0	0	0	0	0
71.2	-													
0030	0	7	1	0	0	0	0	0	0	0	0	0	0	0
72.6	-													
0045	0	1	0	0	0	0	0	0	1	0	0	0	0	0
73.3	-													
0100	0	2	1	1	1	0	0	0	1	0	0	0	0	0
66.7	-													
0115	0	1	1	0	2	0	0	1	0	0	0	0	0	0
69.4	-													
0130	0	1	0	0	0	0	0	0	0	0	0	0	0	0
73.3	-													
0145	0	5	1	0	0	0	0	0	0	0	0	0	0	0
70.0	-													
0200	0	1	1	0	0	0	0	0	0	0	0	0	0	0
68.6	-													
0215	0	0	1	0	0	0	0	0	0	2	0	0	0	0
68.8	-													
0230	0	0	1	0	0	0	0	0	0	0	0	0	0	0
67.9	-													
0245	0	6	3	0	1	0	0	0	1	0	0	0	0	0
70.8	76.5													
0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0
63.5	-													
0315	0	2	3	0	0	0	0	0	0	0	0	0	0	0
67.9	-													
0330	0	3	1	0	0	0	0	0	0	0	0	0	0	1

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

72.0	-												
0345	0	4	1	1	0	0	0	0	0	0	0	0	0
70.1	-												
0400	0	6	4	0	0	1	0	0	0	0	0	0	0
69.9	80.2												
0415	0	4	4	0	0	0	0	0	0	0	0	0	0
72.2	-												
0430	0	9	10	0	0	0	3	0	0	0	0	0	0
70.8	76.3												
0445	0	6	7	0	3	1	0	0	0	0	0	0	0
69.0	74.6												
0500	0	11	10	0	7	0	0	0	0	0	0	0	0
70.2	77.6												
0515	0	10	9	0	4	2	0	0	0	0	0	0	0
72.0	78.8												
0530	0	10	19	0	4	0	1	0	1	0	0	0	0
70.3	77.2												
0545	0	5	18	0	5	4	0	0	1	0	0	0	1
71.9	77.6												
0600	0	21	17	0	7	3	0	0	0	0	0	0	0
70.6	76.6												
0615	0	25	23	1	3	1	1	2	1	0	0	0	0
72.0	78.8												
0630	1	17	15	0	2	3	0	1	0	0	0	0	0
71.9	79.4												
0645	0	13	14	1	6	2	0	1	0	0	0	0	0
69.5	79.3												
0700	0	19	17	1	4	0	0	0	3	0	0	0	0
70.6	76.7												
0715	0	34	29	3	7	0	0	0	0	0	0	0	0
71.6	77.6												
0730	0	29	34	0	6	0	0	0	3	0	0	0	0
72.0	77.3												
0745	0	14	13	1	4	1	1	0	0	2	0	0	0
71.2	77.8												
0800	0	18	12	1	2	2	0	0	2	0	0	0	0
70.5	78.9												
0815	0	19	18	1	7	2	0	3	1	0	0	0	0
70.5	77.2												
0830	0	27	16	1	7	2	2	0	0	0	0	0	0
70.0	77.0												
0845	0	15	25	1	8	0	0	1	2	2	0	0	0
69.7	76.5												
0900	1	11	18	1	3	4	1	0	2	0	0	0	0
69.0	76.5												
0915	0	8	11	0	6	0	0	0	0	0	0	0	0
66.6	75.6												
0930	0	10	24	1	4	0	1	1	0	0	0	0	0
68.2	73.9												
0945	0	14	9	0	6	1	0	0	3	0	0	0	0
67.9	74.1												
1000	0	14	22	0	6	1	0	0	2	0	0	0	0
68.9	74.3												
1015	1	6	17	0	1	0	1	1	1	0	0	0	0
67.7	72.8												
1030	0	21	22	1	6	1	0	0	3	1	0	0	0
69.1	76.1												
1045	0	11	20	1	4	4	2	0	0	0	0	0	0
67.2	73.9												
1100	0	11	23	2	1	0	0	0	1	0	0	0	0
69.2	76.0												
1115	0	13	25	1	3	4	0	2	2	0	0	0	0
68.5	76.3												

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
1130	0	12	21	0	6	1	0	1	3	0	0	0	0
69.0	76.5												
1145	0	12	13	1	4	1	0	0	3	1	0	0	0
68.8	76.0												
1200	0	14	16	0	1	0	0	1	2	2	0	0	0
68.2	75.3												
1215	0	17	17	0	4	1	1	0	1	0	0	0	0
66.6	73.5												
1230	0	10	19	1	6	3	0	1	0	0	0	0	0
66.8	71.8												
1245	0	13	11	1	1	0	1	0	1	0	0	0	0
69.8	76.5												
1300	0	15	14	0	6	2	0	0	1	0	0	0	0
68.9	72.0												
1315	0	11	20	0	7	0	0	1	2	0	0	0	0
68.2	74.1												
1330	0	13	18	1	3	2	0	0	1	0	0	0	0
68.2	75.4												
1345	0	21	20	0	5	1	0	0	0	0	0	0	0
71.1	77.9												
1400	1	18	17	2	5	0	0	0	1	0	0	0	0
70.4	76.5												
1415	0	25	17	0	3	3	0	1	1	0	0	0	0
67.9	72.4												
1430	0	15	9	2	1	1	0	0	0	0	0	0	0
71.4	75.5												
1445	0	21	17	1	4	0	0	0	0	0	0	0	0
69.5	76.1												

* Friday, April 20, 2018 - Saturday, April 21, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	25	16	2	2	0	0	0	2	0	0	0	0
69.5	78.7												
1515	0	20	22	0	1	2	0	0	2	1	0	0	0
69.1	75.0												
1530	0	19	22	1	8	1	1	0	3	0	0	0	0
70.6	76.1												
1545	0	27	18	1	3	2	1	0	1	1	0	0	0
69.9	76.3												
1600	0	30	21	2	3	1	0	0	1	1	0	0	0
71.4	77.4												
1615	0	25	20	1	3	0	0	0	0	0	0	0	1
69.2	76.8												
1630	0	47	39	1	7	1	0	0	0	0	0	0	0
69.3	75.8												
1645	1	42	43	1	5	1	1	2	2	0	0	0	0
69.3	76.1												
1700	0	49	40	1	6	2	0	0	0	0	0	0	0
70.8	77.4												
1715	0	50	41	1	10	1	1	2	0	0	0	0	0
69.9	75.8												
1730	0	38	43	1	12	0	0	3	1	0	0	0	0
69.5	74.8												
1745	0	38	36	0	8	0	0	1	0	0	0	0	0
70.0	75.6												
1800	0	41	31	1	1	1	0	0	0	0	0	0	0
70.2	76.3												
1815	0	34	38	0	7	0	0	0	1	0	0	0	0
68.4	73.8												
1830	0	15	16	0	4	0	0	0	1	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

70.6	77.3												
1845	0	11	12	0	2	0	0	0	0	0	0	0	0
69.9	76.8												
1900	0	13	13	0	1	0	0	1	0	0	0	0	0
71.6	77.8												
1915	0	16	11	0	2	0	0	1	0	0	0	0	0
71.3	76.7												
1930	0	16	12	0	1	0	0	0	1	0	0	0	0
69.9	75.1												
1945	0	16	13	0	0	0	0	1	0	0	0	0	0
70.7	77.9												
2000	0	11	7	0	2	0	0	0	0	0	0	0	0
66.6	74.4												
2015	0	10	11	0	2	0	0	0	0	0	0	0	0
72.1	79.1												
2030	0	11	5	0	1	0	0	0	0	0	0	0	0
69.3	75.9												
2045	0	13	5	0	1	0	0	0	0	0	0	0	0
68.9	73.6												
2100	0	12	14	0	0	0	0	0	0	0	0	0	0
67.2	73.7												
2115	0	9	8	0	0	0	0	0	0	0	0	0	0
71.8	79.2												
2130	0	11	8	0	1	0	0	0	1	0	0	0	0
67.2	73.7												
2145	0	9	5	0	2	0	0	0	0	0	0	0	0
70.0	74.9												
2200	0	13	7	1	4	0	0	0	0	0	0	0	0
68.4	74.6												
2215	0	7	2	0	0	0	0	0	0	0	0	0	0
69.4	-												
2230	0	6	2	0	0	0	0	0	0	0	0	0	0
64.7	-												
2245	0	4	2	0	0	0	0	0	0	1	0	0	0
67.4	-												
2300	0	9	11	0	0	0	0	0	0	0	0	0	0
72.8	86.8												
2315	0	7	2	0	1	0	0	0	0	0	0	0	0
67.2	-												
2330	0	5	6	0	1	0	0	0	0	0	0	0	0
72.5	78.5												
2345	0	5	4	0	0	0	0	0	1	0	0	0	0
69.9	-												
0000	0	5	5	0	1	0	0	0	0	0	0	0	0
69.6	74.9												
0015	0	4	2	1	1	0	0	0	0	0	0	0	0
71.4	-												
0030	0	5	2	0	0	0	0	0	0	0	0	0	0
69.4	-												
0045	0	4	1	0	0	0	0	0	0	0	0	0	0
69.9	-												
0100	0	3	0	0	0	0	0	0	0	0	0	0	0
70.8	-												
0115	0	5	1	0	1	0	0	0	0	0	0	0	0
68.7	-												
0130	0	1	0	0	0	0	0	0	0	0	0	0	0
64.6	-												
0145	0	3	1	0	0	0	0	0	0	0	0	0	0
69.3	-												
0200	0	5	4	0	0	0	0	0	0	0	0	0	0
71.8	-												
0215	0	5	5	0	2	0	0	0	0	0	0	0	0
71.4	76.2												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0230	0	4	4	0	1	0	0	0	0	0	0	0	0	0
71.1	-													
0245	0	1	7	0	2	0	0	1	0	0	0	0	0	0
66.6	70.9													
0300	0	9	7	0	0	0	0	0	1	0	0	0	0	0
68.5	75.2													
0315	0	5	13	0	0	0	0	0	1	0	0	0	0	0
69.3	72.5													
0330	0	12	11	0	2	0	0	0	1	0	0	0	0	0
71.6	80.0													
0345	0	9	11	0	4	0	0	0	0	0	0	0	0	0
70.1	76.8													
0400	0	5	11	1	2	0	0	0	0	0	0	0	0	0
67.7	72.8													
0415	0	5	10	0	2	0	0	3	1	0	0	0	0	0
67.2	75.7													
0430	0	4	15	0	0	0	0	0	0	0	0	0	0	0
64.6	70.7													
0445	0	7	16	0	1	0	0	1	0	0	0	0	0	0
69.2	77.2													
0500	0	10	16	0	1	0	0	1	0	0	0	0	0	0
69.1	75.1													
0515	0	9	21	1	3	0	0	1	1	0	0	0	0	0
68.4	73.9													
0530	0	11	17	0	5	0	0	1	3	0	0	0	0	0
69.3	73.6													
0545	0	16	20	1	7	0	0	1	0	0	0	0	0	0
71.1	75.4													
0600	0	6	19	0	5	0	0	2	2	0	0	0	0	0
70.1	75.4													
0615	0	7	20	1	1	0	0	1	0	0	0	0	0	0
68.4	73.6													
0630	0	9	19	0	5	1	0	0	0	0	0	0	0	0
68.0	77.8													
0645	0	11	25	0	6	0	1	0	0	0	0	0	0	0
69.1	74.7													
0700	0	11	13	0	3	1	0	0	1	0	0	0	0	0
69.9	76.4													
0715	0	13	21	0	2	0	0	0	1	0	0	0	0	0
72.2	78.6													
0730	0	12	12	0	5	0	0	0	0	0	0	0	0	0
71.1	77.9													
0745	0	12	12	0	3	0	0	1	0	0	0	0	0	0
68.3	75.4													
0800	0	8	20	0	3	0	0	0	1	0	0	0	0	0
69.0	78.1													
0815	0	10	10	0	2	0	0	0	0	0	0	0	0	0
72.2	81.9													
0830	0	25	18	0	5	1	0	2	0	0	0	0	0	0
71.6	78.6													
0845	0	15	19	0	3	0	0	0	0	0	0	0	0	0
72.9	79.7													
0900	0	18	21	0	2	0	0	3	1	0	0	0	0	0
69.8	78.5													
0915	0	19	20	0	4	0	0	0	1	1	0	0	0	0
70.4	76.3													
0930	0	14	14	0	2	0	0	0	0	0	0	0	0	0
70.6	77.2													
0945	0	14	17	0	2	0	0	0	0	0	0	0	0	0
69.6	75.6													
1000	1	18	18	0	2	0	0	0	0	0	0	0	0	0
68.2	75.3													
1015	0	17	20	0	2	0	0	0	0	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

68.8	76.4												
1030	0	11	15	0	3	0	0	0	0	0	0	0	0
68.8	76.5												
1045	1	10	18	0	4	0	0	0	1	0	0	0	0
67.9	76.3												
1100	0	14	21	0	2	0	0	2	2	0	0	0	0
68.6	75.8												
1115	0	14	15	0	2	0	0	1	0	0	0	0	0
70.6	79.5												
1130	1	24	21	0	1	0	0	0	1	0	0	0	0
71.5	78.1												
1145	0	22	12	0	1	0	0	0	0	0	0	0	0
69.4	75.0												
1200	0	12	10	0	3	0	0	0	0	0	0	0	0
70.2	76.6												
1215	0	9	17	0	3	0	0	0	0	0	0	0	0
66.9	76.4												
1230	0	18	17	0	6	0	0	0	0	0	0	0	0
70.7	77.2												
1245	0	13	15	0	0	0	0	1	0	0	0	0	0
69.8	77.7												
1300	0	17	11	0	3	0	0	0	0	0	0	0	0
68.7	75.6												
1315	0	24	9	0	2	0	0	1	0	0	0	0	0
69.8	76.0												
1330	2	19	12	0	2	0	0	1	0	0	0	0	0
69.1	77.9												
1345	0	18	17	0	2	0	0	0	1	0	0	0	0
70.1	76.6												
1400	0	19	11	0	1	0	0	1	0	0	0	0	0
69.1	78.1												
1415	0	16	16	0	2	0	0	0	0	0	0	0	0
71.9	78.6												
1430	0	17	20	0	2	0	0	0	1	0	0	0	0
68.7	74.4												
1445	0	21	16	0	1	0	0	1	0	0	0	0	0
69.0	75.0												

* Saturday, April 21, 2018 - Sunday, April 22, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
1500	0	30	11	0	2	0	0	0	0	0	0	0	0
69.7	76.0												
1515	0	14	20	0	2	0	0	0	0	0	0	0	0
68.4	73.6												
1530	0	21	13	1	3	0	0	1	0	0	0	0	0
68.5	74.4												
1545	0	19	17	0	1	0	0	0	0	0	0	0	0
68.6	75.1												
1600	0	24	12	0	3	0	0	0	0	0	0	0	0
71.7	80.8												
1615	0	21	11	0	3	0	0	0	0	0	0	0	0
71.4	75.9												
1630	0	22	17	0	1	0	0	0	0	0	0	0	0
68.2	74.1												
1645	0	26	16	2	3	0	0	1	0	0	0	0	0
69.9	76.4												
1700	0	25	11	0	2	0	0	0	0	0	0	0	0
71.1	78.7												
1715	0	24	5	0	2	0	1	0	0	0	0	0	0
68.5	74.8												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1730	2	24	14	0	2	0	0	0	1	0	0	0	0	0
71.8	80.1													
1745	0	22	20	0	0	0	0	0	0	0	0	0	0	0
70.3	77.3													
1800	0	22	12	0	2	0	0	0	0	0	0	0	0	0
72.1	77.6													
1815	0	12	10	0	2	0	0	0	0	0	0	0	0	0
68.8	74.1													
1830	0	22	7	0	2	0	0	0	0	0	0	0	0	0
72.1	78.9													
1845	0	15	11	0	2	0	0	0	1	0	0	0	0	0
67.3	74.0													
1900	0	22	13	0	1	0	0	0	0	0	0	0	0	0
69.9	76.4													
1915	0	28	5	0	2	0	0	0	0	0	0	0	0	0
71.1	79.6													
1930	0	12	7	0	0	0	0	0	0	0	0	0	0	0
67.7	73.9													
1945	0	9	10	0	2	0	0	0	0	0	0	0	0	0
71.5	83.2													
2000	0	9	5	0	1	0	0	1	0	0	0	0	0	0
68.5	75.9													
2015	0	16	6	0	0	0	0	0	0	0	0	0	0	0
71.4	76.4													
2030	0	12	13	0	1	0	0	0	0	0	0	0	0	0
67.9	72.0													
2045	0	10	7	0	1	0	0	0	0	0	0	0	0	0
71.0	78.2													
2100	0	10	8	0	2	0	0	0	0	0	0	0	0	0
68.6	74.4													
2115	0	10	5	0	1	0	0	0	0	0	0	0	0	0
70.3	77.0													
2130	0	5	8	0	1	0	0	0	0	0	0	0	0	0
67.6	74.2													
2145	0	7	3	0	0	0	0	0	3	0	0	0	0	0
69.5	76.8													
2200	0	5	6	0	1	0	0	0	0	0	0	0	0	0
67.8	72.6													
2215	0	8	1	0	1	0	0	0	0	0	0	0	0	0
67.5	-													
2230	0	9	6	0	1	0	0	0	0	0	0	0	0	0
71.7	75.9													
2245	0	11	2	0	0	0	0	0	0	0	0	0	0	0
70.0	74.1													
2300	0	5	4	1	0	0	0	0	0	0	0	0	0	0
69.0	-													
2315	0	5	1	0	0	0	0	0	0	0	0	0	0	0
68.2	-													
2330	0	1	2	0	0	0	0	0	0	0	0	0	0	0
66.9	-													
2345	0	8	3	0	0	0	0	0	0	0	0	0	0	0
65.5	70.2													
0000	0	3	2	0	0	0	0	0	0	0	0	0	0	0
74.1	-													
0015	0	1	2	0	0	0	0	0	0	0	0	0	0	0
62.5	-													
0030	0	4	0	0	1	0	0	0	0	0	0	0	0	0
72.7	-													
0045	0	3	4	0	0	0	0	0	0	0	0	0	0	0
69.3	-													
0100	0	4	2	0	0	0	0	0	0	0	0	0	0	0
62.2	-													
0115	0	2	0	0	0	0	0	0	1	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

65.6	-												
0130	0	1	2	0	0	0	0	0	1	0	0	0	0
67.6	-												
0145	0	1	1	1	0	0	0	0	0	0	0	0	0
65.5	-												
0200	0	4	2	0	0	0	0	0	0	0	0	0	0
67.8	-												
0215	0	3	0	0	0	0	0	0	0	0	0	0	0
68.6	-												
0230	0	3	5	0	1	0	0	0	0	0	0	0	0
70.4	-												
0245	0	3	5	0	1	0	0	0	0	0	0	0	0
71.9	-												
0300	0	8	2	0	0	0	0	1	0	0	0	0	0
67.2	74.8												
0315	0	3	3	1	0	0	0	0	0	0	0	0	0
72.1	-												
0330	0	2	3	0	0	0	0	0	0	0	0	0	0
69.3	-												
0345	0	7	9	0	1	0	0	0	0	0	0	0	0
71.1	78.6												
0400	0	6	10	0	0	0	0	0	0	0	0	0	0
65.8	72.8												
0415	0	5	4	0	1	0	0	0	0	0	0	0	0
68.3	-												
0430	1	5	5	0	0	0	0	0	0	0	0	0	0
70.8	80.4												
0445	0	3	14	0	2	0	0	0	0	0	0	0	0
64.8	72.8												
0500	0	9	4	0	2	0	0	0	0	0	0	0	0
67.2	72.4												
0515	0	11	5	0	1	0	0	0	0	0	0	0	0
67.3	75.7												
0530	0	11	5	0	2	0	0	0	0	0	0	0	0
70.1	77.2												
0545	0	7	5	0	1	0	0	0	0	0	0	0	0
69.2	74.9												
0600	0	4	2	0	1	0	0	0	0	0	0	0	0
67.3	-												
0615	0	7	4	0	2	0	0	0	0	0	0	0	0
67.8	72.0												
0630	0	4	5	1	2	0	0	0	1	0	0	0	0
67.7	76.0												
0645	0	6	9	0	0	0	0	0	1	0	0	0	0
67.9	72.5												
0700	0	9	9	0	1	0	0	0	1	0	0	0	0
69.9	78.7												
0715	0	6	7	0	0	0	0	0	0	0	0	0	0
69.0	79.5												
0730	0	6	1	0	1	0	0	0	1	0	0	0	0
66.8	-												
0745	0	8	6	0	1	0	0	0	0	0	0	0	0
67.2	73.1												
0800	0	9	7	0	1	0	0	0	0	0	0	0	0
66.4	73.7												
0815	0	9	9	0	2	0	0	0	0	0	0	0	0
70.4	74.8												
0830	0	8	2	0	2	0	0	0	0	0	0	0	0
68.3	73.9												
0845	0	11	7	0	2	0	0	0	1	0	0	0	0
66.0	70.4												
0900	0	4	6	0	1	0	0	0	1	0	0	0	0
64.5	69.2												

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt													
0915	0	6	7	0	4	0	0	0	0	0	0	0	0
62.1	69.6												
0930	0	11	8	0	1	0	0	0	1	0	0	0	0
69.8	78.6												
0945	0	1	11	0	2	0	0	0	0	0	0	0	0
66.0	71.1												
1000	0	7	7	0	0	0	0	0	1	0	0	0	0
68.1	75.4												
1015	0	6	5	1	3	0	0	0	0	0	0	0	0
69.3	74.7												
1030	0	6	8	0	5	0	0	0	0	0	0	0	0
67.8	76.3												
1045	0	11	5	0	3	0	1	0	0	0	0	0	0
66.8	74.8												
1100	0	7	10	0	1	0	0	0	0	0	0	0	0
64.7	72.0												
1115	0	13	7	0	1	0	0	0	0	0	0	0	0
67.9	76.2												
1130	0	13	11	0	0	0	0	0	1	0	0	0	0
67.8	72.8												
1145	0	2	12	2	1	0	0	0	0	0	0	0	0
67.6	74.2												
1200	0	11	15	0	2	0	0	0	1	0	0	0	0
67.7	76.8												
1215	0	10	9	0	2	0	0	0	0	0	0	0	0
67.3	71.4												
1230	0	15	13	0	2	0	0	0	1	0	0	0	0
69.1	75.5												
1245	0	15	13	1	1	0	0	0	1	0	0	0	0
67.8	73.6												
1300	0	22	12	0	2	0	0	0	0	1	0	0	0
71.6	79.2												
1315	0	10	16	0	2	0	0	0	0	0	0	0	0
68.5	75.9												
1330	0	11	10	0	2	0	0	0	1	0	0	0	0
69.8	73.2												
1345	0	14	9	0	1	0	0	0	0	0	0	0	0
69.8	75.1												
1400	0	15	16	0	0	0	0	0	0	0	0	0	0
71.3	76.6												
1415	0	19	10	0	4	0	0	0	0	0	0	0	0
71.8	80.3												
1430	0	22	15	0	0	0	0	0	0	0	0	0	0
70.7	76.9												
1445	0	21	8	0	1	0	0	0	0	0	0	0	0
72.7	79.0												

* Sunday, May 06, 2018													
Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
0000	0	8	1	0	1	0	0	0	0	0	0	0	0
72.7	-												
0015	0	7	6	0	2	0	0	0	0	0	0	0	0
67.9	73.4												
0030	0	6	3	0	1	0	0	0	0	0	0	0	0
72.4	-												
0045	0	6	1	0	0	0	0	0	0	0	0	0	0
70.9	-												
0100	0	5	2	1	0	0	0	0	0	0	0	0	0
66.5	-												
0115	0	2	1	0	0	1	0	0	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

66.6	-												
0130	0	3	4	0	0	0	0	0	0	0	0	0	0
70.3	-												
0145	0	0	0	0	1	0	0	0	0	0	0	0	0
67.4	-												
0200	0	1	0	0	0	0	0	0	0	0	0	0	0
70.5	-												
0215	0	0	0	0	1	0	0	0	0	0	0	0	0
62.5	-												
0230	0	3	0	0	0	0	0	0	0	0	0	0	0
76.7	-												
0245	0	3	2	0	0	1	0	1	0	0	0	0	0
72.7	-												
0300	0	3	1	0	0	0	0	0	0	0	0	0	0
61.5	-												
0315	0	1	1	0	0	0	0	0	0	0	0	0	0
69.5	-												
0330	0	6	2	0	0	0	0	0	0	0	0	0	0
70.6	-												
0345	0	3	7	0	2	0	0	0	0	0	0	0	0
67.9	74.3												
0400	0	6	4	0	3	0	0	0	0	0	0	0	0
67.9	70.6												
0415	0	3	13	0	3	0	0	0	0	0	0	0	0
67.8	73.7												
0430	0	8	13	0	1	0	0	0	0	0	0	0	0
67.6	75.2												
0445	0	5	22	0	2	0	0	1	0	0	0	0	0
70.8	77.8												
0500	0	1	17	0	2	1	0	0	1	0	0	0	0
66.1	71.1												
0515	0	4	11	0	4	1	0	1	0	0	0	0	0
68.9	78.9												
0530	0	5	13	0	1	0	0	1	1	0	0	0	0
67.4	73.5												
0545	0	6	17	0	1	0	0	0	1	0	0	0	0
66.8	76.1												
0600	0	4	15	0	0	0	0	0	0	0	0	0	0
65.9	71.0												
0615	0	13	14	0	1	1	0	0	0	0	0	0	0
69.1	74.9												
0630	0	12	16	0	2	0	0	0	1	0	0	0	0
67.7	73.9												
0645	0	10	14	0	0	0	0	1	1	0	0	0	0
70.0	75.1												
0700	0	8	12	0	0	0	0	0	0	0	0	0	0
70.3	79.4												
0715	0	9	11	0	4	1	0	0	2	0	0	0	0
70.5	76.3												
0730	0	6	9	0	2	0	0	0	0	0	0	0	0
69.5	79.2												
0745	0	7	17	0	3	0	0	1	0	0	0	0	0
68.9	74.5												
0800	0	7	11	0	1	0	0	0	0	0	0	0	0
70.4	81.1												
0815	0	9	9	1	1	1	0	0	0	0	0	0	0
71.4	76.2												
0830	0	13	13	0	3	0	0	0	0	0	0	0	0
70.7	78.6												
0845	0	11	15	1	1	0	0	0	0	0	0	0	0
69.9	77.4												
0900	1	14	13	0	3	0	0	0	0	0	0	0	0
70.6	80.0												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0915	0	10	5	0	1	0	0	0	0	0	0	0	0	0
69.2	75.9													
0930	0	9	7	0	2	0	0	0	0	1	0	0	0	0
69.0	76.1													
0945	0	12	8	0	3	0	0	0	0	3	0	0	0	0
68.6	73.7													
1000	0	5	11	0	0	0	0	0	0	1	0	0	0	0
67.9	76.0													
1015	0	13	8	0	2	0	0	0	0	0	0	0	0	0
66.8	73.2													
1030	0	16	17	0	1	0	0	0	0	0	0	0	0	0
71.5	80.4													
1045	0	16	15	0	2	0	0	0	0	0	0	0	0	0
69.7	75.2													
1100	0	23	13	1	2	0	0	0	0	1	0	0	0	0
70.5	75.4													
1115	0	27	12	0	1	0	0	0	0	3	0	0	0	0
69.7	76.3													
1130	0	14	11	0	3	0	0	0	0	0	0	0	0	0
69.4	77.0													
1145	2	12	11	0	3	0	0	0	0	0	0	0	0	0
70.1	76.7													
1200	0	19	13	0	1	0	0	0	0	0	0	0	0	0
70.4	77.9													
1215	0	16	12	0	2	0	0	0	0	0	0	0	0	0
69.8	75.6													
1230	0	24	21	1	4	0	0	0	0	0	0	0	0	0
69.7	75.9													
1245	0	19	19	0	3	0	0	0	0	1	0	0	0	0
70.9	80.3													
1300	0	11	6	0	1	0	0	0	0	1	1	0	0	0
67.6	75.6													
1315	0	20	10	1	3	0	0	0	0	1	0	0	0	0
69.6	75.5													
1330	0	15	11	0	2	0	0	0	0	1	0	0	0	0
68.5	75.0													
1345	0	20	14	0	1	0	0	0	0	0	0	0	0	0
69.8	76.0													
1400	1	19	17	0	0	0	0	0	0	0	0	0	0	0
69.5	74.2													
1415	0	10	24	0	2	0	0	0	0	2	0	0	0	0
70.0	76.3													
1430	0	16	14	0	6	0	0	0	0	1	0	0	0	0
71.6	77.0													
1445	0	26	9	0	1	0	0	0	0	1	0	0	0	0
68.9	76.6													
1500	1	11	17	0	1	0	0	0	0	0	0	0	0	0
71.4	79.1													
1515	0	25	12	0	2	0	0	0	0	2	0	0	0	0
72.3	79.9													
1530	0	21	13	1	2	0	0	0	0	0	0	0	0	0
71.2	78.3													
1545	0	28	24	0	3	0	0	0	0	0	0	0	0	0
70.2	76.7													
1600	0	25	20	0	2	0	0	0	0	0	0	0	0	0
70.9	75.7													
1615	0	26	15	0	4	0	0	0	0	1	0	0	0	0
70.3	76.4													
1630	0	27	22	0	1	0	0	0	0	0	0	0	0	0
69.7	77.2													
1645	0	19	19	0	1	0	0	0	0	0	0	0	0	0
71.1	78.0													
1700	0	16	20	0	2	0	0	0	0	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

69.4	75.0												
1715	1	21	14	0	3	0	0	0	0	0	0	0	0
70.9	76.6												
1730	0	16	8	0	1	0	0	0	0	0	0	0	0
69.7	75.5												
1745	1	22	16	1	2	0	0	0	0	0	0	0	0
71.5	77.9												
1800	1	12	5	0	0	0	0	0	0	0	0	0	0
72.8	82.1												
1815	0	20	10	0	0	0	0	0	0	0	0	0	0
70.6	78.3												
1830	1	20	14	0	2	0	0	0	0	0	0	0	0
71.2	79.5												
1845	2	17	5	0	1	0	0	0	0	0	0	0	0
72.5	82.6												
1900	0	18	12	0	0	0	0	0	0	0	0	0	0
72.1	79.6												
1915	0	7	10	0	2	0	0	0	0	0	0	0	0
69.0	74.5												
1930	0	13	11	0	2	0	0	0	0	0	0	0	0
68.5	72.5												
1945	0	9	7	0	1	0	0	0	0	0	0	0	0
66.8	72.7												
2000	0	10	8	0	0	0	0	0	0	0	0	0	0
68.8	73.3												
2015	0	11	10	0	1	0	0	0	0	0	0	0	0
70.0	74.5												
2030	0	15	5	0	2	0	0	0	0	0	0	0	0
69.6	77.6												
2045	0	12	1	0	1	0	0	0	0	0	0	0	0
68.8	73.0												
2100	0	9	7	0	0	0	0	0	0	0	0	0	0
66.2	71.0												
2115	0	8	9	0	0	0	0	0	1	0	0	0	0
66.4	74.3												
2130	0	10	4	0	0	0	0	0	0	0	0	0	0
73.1	78.3												
2145	0	13	7	0	0	0	0	0	0	0	0	0	0
70.0	78.6												
2200	0	5	3	0	1	0	0	0	1	0	0	0	0
67.8	-												
2215	0	8	1	0	0	0	0	0	0	0	0	0	0
69.0	-												
2230	0	5	4	0	0	0	0	0	0	0	0	0	0
69.0	-												
2245	0	8	4	0	0	0	0	0	0	0	0	0	0
68.1	72.2												
2300	0	7	4	0	0	0	0	0	0	0	0	0	0
69.9	82.9												
2315	0	8	3	0	1	0	0	0	0	0	0	0	0
67.3	75.9												
2330	1	4	2	0	0	0	0	0	0	0	0	0	0
72.3	-												
2345	0	6	2	0	1	0	0	0	0	0	0	0	0
69.0	-												
00-00	12	1102	946	8	131	7	0	6	29	1	0	0	0
69.8	76.1												

* Monday, May 07, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
62.5	-													
0015	0	0	1	0	1	0	0	0	0	0	0	0	0	0
71.2	-													
0030	0	1	0	0	0	0	0	0	0	0	0	0	0	0
61.7	-													
0045	0	2	1	0	0	0	0	2	0	0	0	0	0	0
64.6	-													
0100	0	4	1	0	0	0	0	0	0	1	0	0	0	0
66.9	-													
0115	0	5	2	0	0	0	0	0	0	0	0	0	0	0
71.3	-													
0130	0	4	1	0	0	0	0	0	0	0	0	0	0	0
68.0	-													
0145	0	4	1	0	0	0	0	0	0	0	0	0	0	0
76.8	-													
0200	0	1	2	0	0	0	0	0	0	0	0	0	0	0
62.7	-													
0215	0	0	1	0	0	0	0	0	0	0	0	0	0	0
65.1	-													
0230	0	0	3	0	0	0	0	0	0	0	0	0	0	0
70.3	-													
0245	0	1	1	0	0	0	0	0	0	0	0	0	0	0
67.6	-													
0300	0	4	1	0	0	0	0	0	1	0	0	0	0	0
66.5	-													
0315	0	1	5	0	0	0	0	0	0	1	0	0	0	0
66.8	-													
0330	0	5	1	0	0	0	0	0	0	1	0	0	0	0
67.7	-													
0345	0	7	6	0	1	0	0	0	0	0	0	0	0	0
67.7	75.2													
0400	0	4	9	0	3	0	0	0	1	0	0	0	0	0
68.7	73.6													
0415	0	11	28	0	6	0	0	0	0	0	0	0	0	0
68.2	72.9													
0430	0	15	27	1	4	1	0	0	0	0	0	0	0	0
67.8	72.3													
0445	0	16	22	1	6	1	0	0	0	0	0	0	0	0
69.2	74.1													
0500	1	9	25	0	3	0	0	0	0	0	0	0	0	0
69.6	75.0													
0515	0	14	25	0	6	0	0	1	0	0	0	0	0	0
68.4	74.4													
0530	0	15	21	1	3	0	0	0	0	0	0	0	0	0
68.7	73.7													
0545	0	18	23	1	3	1	0	0	0	0	0	0	0	0
67.4	74.7													
0600	0	30	42	1	7	0	0	0	1	0	0	0	0	0
69.4	76.5													
0615	2	33	44	1	7	1	0	2	0	0	0	0	0	0
71.1	76.3													
0630	0	35	30	0	5	1	0	0	0	1	0	0	0	0
71.2	76.1													
0645	0	21	15	0	1	0	2	0	1	0	0	0	1	1
71.1	77.7													
0700	0	28	17	3	4	0	0	0	0	0	0	0	0	0
70.7	77.3													
0715	0	16	17	0	4	0	0	0	0	0	0	0	0	0
69.3	75.2													
0730	0	17	24	1	6	1	0	0	1	2	0	0	0	0
69.1	74.5													
0745	0	15	25	1	10	3	0	0	2	0	0	0	0	0

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

67.1	74.1												
0800	0	7	13	3	7	0	1	0	3	0	0	0	0
66.7	73.5												
0815	0	9	12	0	5	0	0	0	1	0	0	0	0
68.1	73.8												
0830	3	14	24	1	4	0	0	0	0	0	0	0	0
67.3	74.0												
0845	0	8	15	2	4	0	0	1	1	0	0	0	0
65.3	70.3												
0900	0	6	19	1	5	0	0	0	1	0	0	0	0
67.3	71.1												
0915	1	13	12	0	7	1	1	0	3	1	0	0	0
65.9	71.4												
0930	0	12	22	1	4	0	1	0	1	0	0	0	0
67.8	74.3												
0945	0	15	17	0	3	1	0	0	1	1	0	0	0
66.3	72.6												
1000	0	9	28	0	6	0	0	0	4	0	0	0	0
66.4	73.2												
1015	0	12	22	0	3	1	1	0	0	1	0	0	0
66.1	71.6												
1030	0	15	14	1	3	2	0	0	4	1	0	0	0
69.8	76.5												
1045	0	15	14	2	6	0	1	0	1	0	0	0	0
66.5	73.1												
1100	0	12	13	0	5	0	0	0	1	0	0	0	0
69.3	75.4												
1115	0	12	20	1	3	0	0	0	0	0	0	0	0
69.0	75.0												
1130	0	18	15	1	5	2	1	0	0	0	0	0	0
69.1	75.2												
1145	0	12	21	1	4	0	0	0	2	0	0	0	0
69.5	75.1												
1200	0	14	11	0	3	0	0	0	0	0	0	0	0
65.6	72.2												
1215	0	14	18	0	3	0	1	0	1	0	0	0	0
68.0	75.2												
1230	0	14	21	1	1	0	1	0	0	0	0	0	0
67.2	72.2												
1245	0	14	13	1	2	0	0	0	2	0	0	0	0
67.1	72.9												
1300	0	20	15	0	3	2	0	0	6	0	0	0	0
67.6	72.8												
1315	0	18	15	0	2	1	0	0	4	1	0	0	0
66.8	71.7												
1330	0	15	19	0	3	0	0	0	0	2	0	0	0
66.1	72.4												
1345	0	18	23	0	4	0	0	0	2	1	0	0	0
65.6	70.9												
1400	0	16	15	1	5	1	0	1	1	0	0	0	0
69.1	74.2												
1415	0	14	13	0	4	1	0	0	0	0	0	0	0
67.7	73.5												
1430	0	12	12	2	2	0	1	0	3	0	0	0	0
68.0	76.2												
1445	0	23	15	2	5	0	0	0	2	0	0	0	0
68.6	75.8												
1500	0	20	20	0	5	1	0	0	0	0	0	0	0
68.8	74.6												
1515	0	27	17	0	5	0	0	0	1	0	0	0	0
67.7	73.4												
1530	0	16	15	1	6	0	0	0	0	0	0	0	0
69.8	76.3												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
1545	0	18	21	0	3	1	0	0	1	0	0	0	0	
69.7	76.1													
1600	0	22	16	4	6	0	0	0	0	0	0	0	0	
67.3	73.7													
1615	0	24	20	0	6	0	0	0	1	1	0	0	0	
69.2	75.3													
1630	0	25	16	2	0	0	0	0	2	0	0	0	0	
68.5	75.2													
1645	0	27	24	1	6	0	0	0	0	0	0	0	0	
69.7	75.4													
1700	0	24	19	0	4	1	0	0	0	0	0	0	0	
70.4	78.2													
1715	0	25	19	1	2	0	0	0	0	0	0	0	0	
70.7	75.9													
1730	0	25	20	0	2	0	0	0	0	0	0	0	0	
68.4	77.3													
1745	0	20	16	0	2	0	0	0	0	0	0	0	0	
69.7	75.3													
1800	0	22	17	2	0	0	0	0	0	0	0	0	0	
66.9	74.3													
1815	0	17	12	0	2	0	0	1	0	0	0	0	0	
70.0	77.3													
1830	0	18	16	0	4	0	0	0	0	0	0	0	0	
70.4	76.7													
1845	0	19	8	0	0	0	0	0	0	0	0	0	0	
71.1	75.7													
1900	0	12	17	0	2	0	0	0	1	0	0	0	0	
71.0	79.0													
1915	0	19	10	0	2	0	0	0	0	0	0	0	0	
68.1	74.8													
1930	0	14	14	0	3	0	0	0	0	0	0	0	0	
69.1	74.5													
1945	0	12	7	1	1	0	0	0	1	0	0	0	0	
67.7	71.4													
2000	0	16	3	0	1	0	0	0	0	0	0	0	0	
68.4	73.9													
2015	0	15	7	0	0	0	0	0	0	0	0	0	0	
64.3	74.4													
2030	0	16	8	0	1	0	0	0	0	0	0	0	0	
66.8	74.6													
2045	0	14	11	0	2	0	0	0	1	0	0	0	0	
67.2	73.6													
2100	0	5	5	0	1	0	0	0	0	0	0	0	0	
68.0	73.4													
2115	0	7	11	0	1	0	0	0	0	0	0	0	0	
67.3	74.7													
2130	0	14	5	0	1	0	0	0	0	0	0	0	0	
67.3	71.6													
2145	0	9	4	0	0	0	0	0	0	0	0	0	0	
65.6	72.9													
2200	0	7	2	0	1	0	0	0	0	0	0	0	0	
69.1	-													
2215	0	7	2	0	1	0	0	0	0	0	0	0	0	
66.3	-													
2230	0	7	2	0	0	0	0	0	0	0	0	0	0	
64.9	-													
2245	0	4	2	0	0	0	0	0	0	0	0	0	0	
64.3	-													
2300	0	4	3	0	1	0	0	0	0	0	0	0	0	
66.6	-													
2315	0	1	4	0	0	0	0	0	0	0	0	0	0	
66.0	-													
2330	0	6	4	0	0	0	0	0	0	0	0	0	0	

5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

74.7	-												
2345	0	6	2	0	1	0	0	0	0	0	0	0	0
71.6	-												
00-00	7	1265	1291	44	263	24	11	8	59	15	0	0	1
68.4	74.4												

* Tuesday, May 08, 2018

Time	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls
Mean	Vpp												
	1	2	3	4	5	6	7	8	9	10	11	12	13
	85												
0000	0	5	3	0	0	0	0	0	0	0	0	0	0
67.6	-												
0015	0	1	2	0	0	0	0	0	0	0	0	0	0
69.2	-												
0030	0	3	0	0	1	0	0	0	0	0	0	0	0
68.3	-												
0045	0	4	1	0	0	0	0	0	0	0	0	0	0
72.8	-												
0100	0	2	0	0	0	0	0	0	0	0	0	0	0
69.8	-												
0115	0	1	0	0	0	0	0	0	1	1	0	0	0
68.2	-												
0130	0	2	2	0	0	0	0	0	0	0	0	0	0
69.8	-												
0145	0	3	2	0	0	0	0	0	0	0	0	0	0
67.9	-												
0200	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-												
0215	0	1	2	0	0	0	0	0	0	0	0	0	0
69.7	-												
0230	0	1	2	0	0	0	0	0	0	0	0	0	0
68.3	-												
0245	0	4	2	0	0	0	0	0	0	0	0	0	0
69.4	-												
0300	0	5	0	0	4	0	0	0	0	0	0	0	0
65.7	-												
0315	0	1	4	0	1	0	0	0	0	0	0	0	0
65.5	-												
0330	0	6	7	0	3	0	0	0	0	0	0	0	0
67.0	70.5												
0345	0	5	9	0	2	0	0	0	0	0	0	0	0
67.5	76.3												
0400	0	10	7	0	4	0	0	0	0	0	0	0	0
65.0	69.5												
0415	0	6	24	0	6	1	0	0	0	0	0	0	0
68.2	74.0												
0430	0	15	19	0	3	1	0	0	1	0	0	0	0
68.2	74.8												
0445	0	11	25	0	2	0	0	0	1	1	0	0	0
70.4	74.8												
0500	1	10	21	0	3	1	0	0	1	0	0	0	0
68.6	75.4												
0515	0	9	25	2	4	0	0	0	2	0	0	0	0
65.8	73.4												
0530	0	9	27	0	5	1	0	0	0	0	0	0	0
66.3	71.6												
0545	0	15	41	0	1	0	0	0	2	0	0	0	0
68.1	72.5												
0600	0	24	38	2	6	0	0	1	2	1	0	0	0
68.4	73.0												
0615	1	41	33	1	14	0	0	1	3	0	0	0	0
70.0	76.1												

	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
0630	2	22	33	0	2	1	0	0	0	0	0	0	0	0
71.4	76.9													
0645	0	17	22	1	6	0	2	0	0	0	0	0	0	0
69.9	76.8													
0700	0	20	21	2	8	3	0	2	0	2	0	0	0	0
68.1	75.7													
0715	0	17	16	0	7	0	0	1	2	1	0	0	0	0
69.9	78.4													
0730	0	16	24	0	8	1	0	0	1	3	0	0	0	0
68.8	74.5													
0745	0	16	31	0	7	1	0	0	0	2	0	0	0	0
67.9	74.7													
0800	0	20	20	1	2	1	0	0	1	0	0	0	0	0
68.0	74.9													
0815	0	15	19	1	2	2	1	0	2	0	0	0	0	0
66.5	72.6													
0830	0	9	18	0	1	2	1	1	2	0	0	0	0	0
65.6	70.2													
0845	0	16	17	0	4	2	0	0	4	0	0	0	0	0
67.8	73.9													
0900	0	7	17	0	8	1	1	0	1	0	0	0	0	0
66.0	74.6													
0915	0	7	21	0	3	1	2	0	3	0	0	0	0	0
67.1	71.5													
0930	0	9	25	0	6	0	0	0	5	0	0	0	0	0
66.1	71.4													
0945	0	14	22	0	7	3	2	1	1	0	0	0	0	0
67.5	73.6													
1000	0	13	21	1	2	0	0	0	0	1	0	0	0	0
70.8	85.0													
1015	0	14	28	2	7	1	0	0	2	1	0	0	0	0
67.9	72.2													
1030	0	15	21	0	9	1	0	0	5	0	0	0	0	0
67.2	73.3													
1045	0	7	20	0	4	0	0	0	2	0	0	0	0	0
69.1	78.7													
1100	0	13	17	1	5	0	0	1	0	0	0	0	0	0
67.3	72.7													
1115	0	15	14	1	7	2	0	0	1	0	0	0	0	0
67.2	72.8													
1130	0	12	19	2	1	0	0	0	1	0	0	0	0	0
68.2	73.5													
1145	0	10	12	0	2	0	1	0	1	0	0	0	0	0
71.4	76.5													
1200	0	13	26	1	1	0	0	0	2	1	0	0	0	0
68.5	76.3													
1215	0	9	16	0	4	0	0	0	2	0	0	0	0	0
69.4	75.7													
1230	0	16	11	1	7	2	0	0	3	0	0	0	0	0
66.7	73.4													
1245	0	16	21	0	1	0	0	0	2	0	0	0	0	0
67.0	74.9													
1300	0	9	22	1	3	0	0	1	4	0	0	0	0	0
67.0	74.0													
1315	0	14	24	0	3	0	0	0	0	0	0	0	0	0
67.0	72.3													
1330	0	17	17	0	3	0	1	0	2	0	0	0	0	0
68.2	73.6													
1345	0	13	22	0	4	2	0	1	1	0	0	0	0	0
66.8	74.6													
1400	0	16	20	1	6	3	0	0	1	0	0	0	0	0
67.9	74.5													
1415	0	22	18	1	3	1	0	0	1	0	0	0	0	0

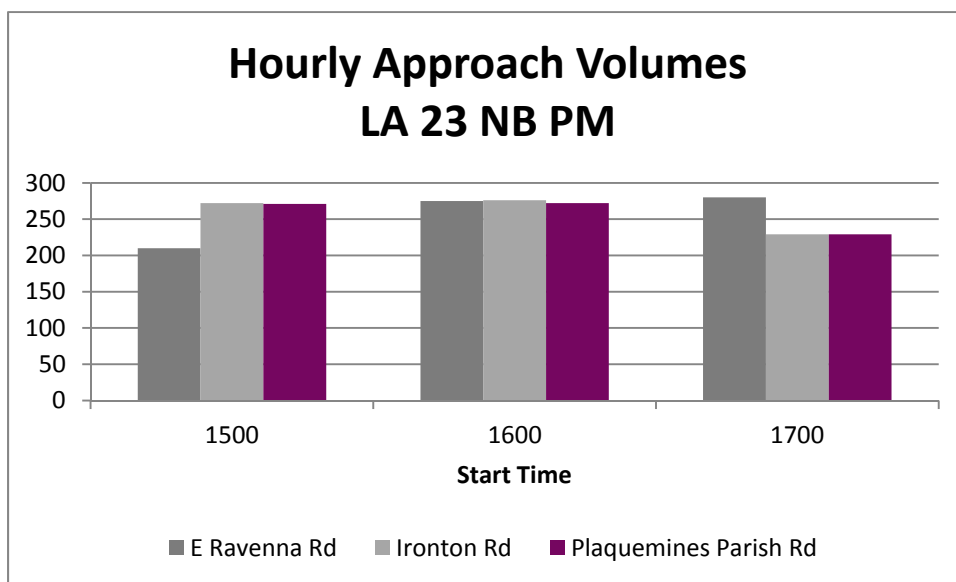
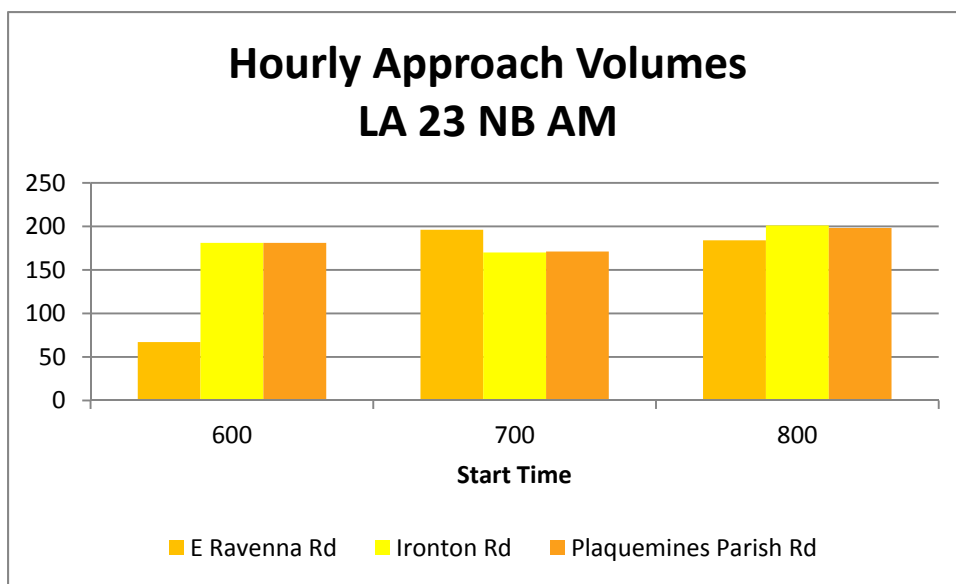
5 LA23 SB BTWN THE 2ND AND 3RD MEDIAN PAST ENTERGY LOUISIANA LLC.txt

67.6	73.7												
1430	0	16	11	0	4	1	0	0	2	0	0	0	0
70.6	78.0												
1445	0	21	13	2	3	1	1	1	1	0	0	0	0
66.7	72.5												
1500	0	17	12	2	1	1	0	0	1	0	0	0	0
67.0	73.4												
1515	0	16	15	0	2	0	0	0	1	0	0	0	0
67.1	73.6												
1530	0	31	25	4	9	1	0	0	2	0	0	0	0
68.6	75.1												
1545	0	27	23	1	5	0	0	0	0	0	0	0	0
67.0	72.7												
1600	0	20	20	2	6	0	0	1	1	0	0	0	0
67.7	74.7												
1615	0	24	28	0	6	0	0	0	2	0	0	0	0
69.1	75.8												
1630	0	27	15	2	3	0	0	0	1	0	0	0	0
66.7	72.0												
1645	0	26	20	0	6	0	0	0	1	0	0	0	0
69.0	76.7												
1700	0	28	35	0	3	0	0	0	1	0	0	0	0
69.7	75.4												
1715	0	18	18	0	2	0	0	0	0	1	0	0	0
68.6	74.8												
1730	0	20	16	0	4	0	0	0	0	0	0	0	0
69.3	74.5												
1745	0	21	16	0	2	0	0	0	2	0	0	0	0
69.1	76.8												
1800	0	22	16	0	2	0	0	0	0	0	0	0	0
68.1	73.0												
1815	0	24	13	0	2	0	0	0	0	0	0	0	0
69.2	76.8												
1830	0	12	21	0	3	0	0	0	1	0	0	0	0
70.0	74.7												
1845	0	17	18	0	3	0	0	0	0	0	0	0	0
70.5	78.6												
1900	0	18	8	0	5	0	0	0	1	0	0	0	0
67.3	72.1												
1915	0	15	11	0	2	0	0	0	0	0	0	0	0
67.4	72.9												
1930	0	25	6	0	1	0	0	0	0	0	0	0	0
66.2	72.9												
1945	0	14	8	0	3	0	0	0	1	0	0	0	0
69.1	76.1												
2000	0	14	11	0	7	0	0	0	0	0	0	0	0
69.0	73.8												
2015	0	6	10	0	0	0	0	0	2	0	0	0	0
67.3	72.6												
2030	0	8	5	0	3	0	0	0	0	0	0	0	0
67.5	73.1												
2045	0	10	9	0	2	0	0	0	1	0	0	0	0
65.9	74.5												
2100	0	12	4	0	1	0	0	0	1	0	0	0	0
64.3	72.3												
2115	0	3	3	0	2	0	0	0	1	0	0	0	0
69.4	-												
2130	0	8	6	0	1	0	0	0	2	0	0	0	0
68.7	73.7												
2145	1	12	9	0	4	0	0	1	0	0	0	0	0
68.7	75.2												
2200	0	1	5	0	1	0	0	0	1	0	0	0	0
66.3	-												

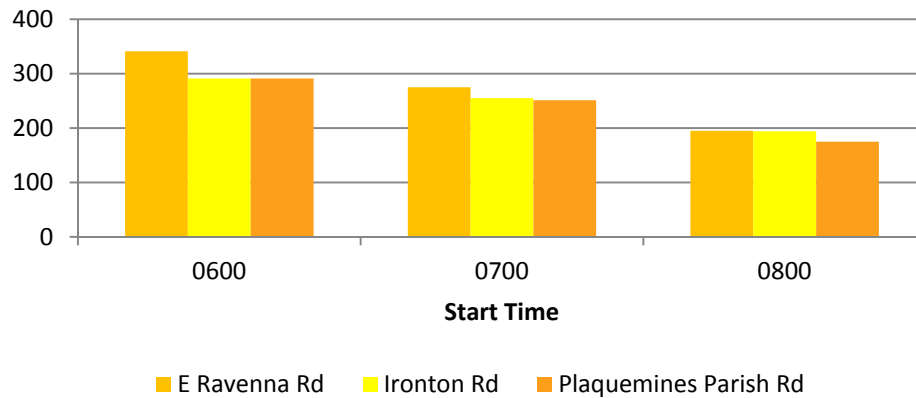
	5	LA23	SB	BTWN	THE	2ND	AND	3RD	MEDIAN	PAST	ENTERGY	LOUISIANA	LLC.txt	
2215	0		8	7	0	1	2	0	0	1	0	0	0	0
66.7	72.6													
2230	0		13	4	0	2	0	0	0	1	0	0	0	0
67.9	71.7													
2245	0		7	4	0	0	0	0	0	0	0	0	0	0
69.1	76.5													
2300	0		9	6	0	3	0	0	0	0	0	0	0	0
67.1	72.2													
2315	0		5	2	0	0	0	0	0	0	0	0	0	0
68.5	-													
2330	0		1	5	0	1	0	0	0	1	0	0	0	0
66.7	-													
2345	0		5	0	0	0	0	0	0	0	0	0	0	0
69.6	-													
00-00	5	1224	1409		35	307	40	12	13	94	15	0	0	0
68.1	73.9													

	NB					
	600	700	800	1500	1600	1700
E Ravenna Rd	67	196	184	210	275	280
Ironton Rd	181	170	201	272	276	229
Plaquemines Parish Rd	181	171	198	271	272	229

	SB					
	0600	0700	0800	1500	1600	1700
E Ravenna Rd	341	275	195	223	205	181
Ironton Rd	291	255	194	221	210	179
Plaquemines Parish Rd	291	251	175	209	195	174



Hourly Approach Volumes LA 23 SB AM



Hourly Approach Volumes LA 23 SB PM



AECOM has looked at both directions, for the 7 Day 24-hour counts, and feel that the peak hour should be between 6:45 am and 7:45 am and PM peak between 4:00 and 5:00 PM. It seems that the SB peaking characteristics are slightly atypical, but we feel that picking the above peak hours yields the best representation of traffic patterns.

Appendix B

FINAL DATA COLLECTION

Peak Period Counts

Growth Rate Determination

Geometric Field Review



Prepared for:

I:\Projects\CPRA\Mid-Barataria\60571915-Taks Order #3\400-Technical\430 Transportation\Traffic Report\Mid-Barataria Traffic Analysis Report. 100818 v2-GDT.docx

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AECOM

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B

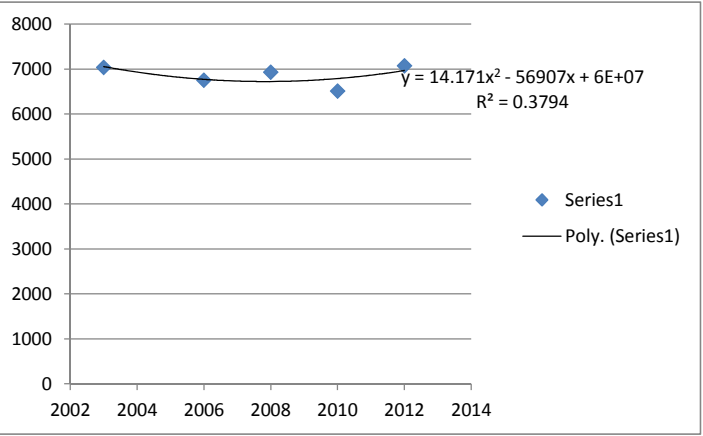
24-HR Counts

1	2	3	4	6
E Ravenna Rd., LA 23 SB Approach	LA 23 NB Approach to E. Ravenna Rd.	SB Approach to E Ravenna Rd.	W. Ravenna Rd. EB Approach to LA 23	LA 23 SB Approach to Ironton Rd.
15 0	15 5	15 6	15 0	15 6
30 0	30 6	30 5	30 0	30 5
45 0	45 2	45 9	45 0	45 11
100 0	100 2	100 6	100 0	100 6
115 1	115 1	115 4	115 0	115 3
130 0	130 5	130 7	130 0	130 7
145 0	145 2	145 12	145 0	145 11
200 0	200 5	200 7	200 0	200 10
215 0	215 2	215 7	215 0	215 8
230 0	230 2	230 0	230 0	230 0
245 0	245 1	245 9	245 0	245 8
300 2	300 1	300 11	300 0	300 10
315 3	315 2	315 19	315 0	315 18
330 0	330 3	330 15	330 0	330 12
345 1	345 0	345 16	345 0	345 17
400 0	400 7	400 41	400 0	400 38
415 0	415 1	415 38	415 0	415 35
430 0	430 5	430 50	430 0	430 55
445 1	445 5	445 74	445 0	445 71
500 2	500 6	500 58	500 0	500 55
515 1	515 10	515 59	515 0	515 60
530 0	530 9	530 28	530 0	530 32
545 3	545 14	545 43	545 0	545 39
600 2	600 12	600 65	600 0	600 53
615 6	615 13	615 79	615 0	615 73
630 18	630 11	630 107	630 0	630 97
645 12	645 19	645 79	645 0	645 64
700 29	700 24	700 76	700 0	700 57
715 7	715 34	715 82	715 0	715 73
730 9	730 52	730 58	730 0	730 62
745 7	745 59	745 67	745 0	745 55
800 7	800 51	800 68	800 0	800 65
815 2	815 54	815 48	815 0	815 51
830 3	830 51	830 50	830 0	830 43
845 2	845 43	845 42	845 0	845 40
900 0	900 36	900 55	900 1	900 60
915 3	915 37	915 53	915 0	915 56
930 1	930 57	930 49	930 0	930 57
945 4	945 59	945 56	945 0	945 55
1000 1	1000 44	1000 39	1000 1	1000 39
1015 3	1015 67	1015 44	1015 0	1015 44
1030 1	1030 82	1030 52	1030 0	1030 46
1045 3	1045 51	1045 61	1045 1	1045 55
1100 1	1100 43	1100 33	1100 1	1100 37
1115 4	1115 50	1115 43	1115 0	1115 41
1130 1	1130 63	1130 24	1130 0	1130 31
1145 2	1145 38	1145 27	1145 0	1145 25
1200 5	1200 63	1200 47	1200 1	1200 43
1215 3	1215 69	1215 57	1215 2	1215 55
1230 8	1230 40	1230 48	1230 0	1230 44
1245 4	1245 46	1245 35	1245 0	1245 35
1300 6	1300 38	1300 45	1300 0	1300 36
1315 1	1315 56	1315 37	1315 1	1315 44
1330 3	1330 53	1330 38	1330 0	1330 37
1345 3	1345 46	1345 51	1345 2	1345 48
1400 5	1400 54	1400 52	1400 2	1400 49
1415 1	1415 53	1415 34	1415 0	1415 45
1430 1	1430 55	1430 32	1430 0	1430 33
1445 1	1445 64	1445 34	1445 0	1445 34
1500 3	1500 65	1500 58	1500 0	1500 55
1515 3	1515 60	1515 54	1515 0	1515 51
1530 2	1530 56	1530 62	1530 0	1530 62
1545 2	1545 53	1545 51	1545 1	1545 49
1600 2	1600 41	1600 56	1600 0	1600 59
1615 0	1615 58	1615 48	1615 0	1615 47
1630 0	1630 57	1630 52	1630 0	1630 56
1645 0	1645 101	1645 45	1645 0	1645 40
1700 1	1700 59	1700 60	1700 0	1700 67
1715 0	1715 52	1715 52	1715 0	1715 52
1730 0	1730 80	1730 50	1730 0	1730 50
1745 0	1745 71	1745 36	1745 0	1745 38
1800 2	1800 77	1800 43	1800 0	1800 39
1815 4	1815 67	1815 41	1815 0	1815 40
1830 7	1830 53	1830 49	1830 0	1830 44
1845 11	1845 54	1845 48	1845 2	1845 38
1900 6	1900 56	1900 36	1900 1	1900 29
1915 0	1915 48	1915 27	1915 0	1915 31
1930 3	1930 59	1930 40	1930 0	1930 38
1945 2	1945 38	1945 22	1945 0	1945 24
2000 0	2000 37	2000 14	2000 0	2000 15
2015 0	2015 30	2015 20	2015 0	2015 18
2030 0	2030 33	2030 31	2030 0	2030 31
2045 0	2045 35	2045 13	2045 0	2045 15
2100 0	2100 27	2100 25	2100 0	2100 22
2115 0	2115 19	2115 24	2115 0	2115 24
2130 0	2130 22	2130 21	2130 0	2130 19
2145 2	2145 19	2145 13	2145 0	2145 18
2200 0	2200 17	2200 11	2200 0	2200 10
2215 0	2215 13	2215 14	2215 0	2215 14
2230 0	2230 11	2230 11	2230 0	2230 11
2245 0	2245 10	2245 14	2245 0	2245 16
2300 0	2300 11	2300 7	2300 0	2300 7
2315 0	2315 11	2315 9	2315 0	2315 10
2330 0	2330 10	2330 13	2330 0	2330 12
2345 0	2345 5	2345 6	2345 0	2345 7
2400 0	2400 9	2400 8	2400 0	2400 9

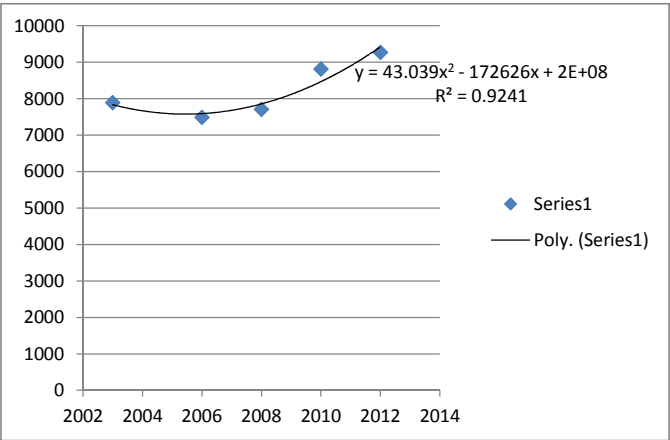
24-HR Counts

7	8	9	10	11
LA 23 NB Approach to Ironton Rd.	Ironton Rd. SB Approach to LA 23	LA 23 SB Approach to Plaquemines Parish Rd.	LA 23 NB Approach to Plaquemines Parish Rd.	Plaquemines Parish Access Rd. NB Approach to LA 23
15 1	15 0	15 6	15 1	15 0
30 6	30 1	30 5	30 7	30 0
45 1	45 0	45 10	45 0	45 0
100 6	100 0	100 5	100 6	100 0
115 1	115 0	115 4	115 1	115 0
130 2	130 0	130 7	130 2	130 0
145 2	145 0	145 11	145 2	145 0
200 0	200 0	200 9	200 0	200 0
215 2	215 0	215 8	215 2	215 0
230 3	230 0	230 0	230 3	230 0
245 1	245 0	245 8	245 1	245 0
300 6	300 0	300 9	300 5	300 0
315 3	315 0	315 18	315 3	315 0
330 4	330 0	330 11	330 4	330 0
345 4	345 0	345 16	345 4	345 0
400 6	400 0	400 39	400 7	400 0
415 11	415 1	415 34	415 11	415 0
430 11	430 0	430 52	430 11	430 0
445 10	445 1	445 72	445 9	445 0
500 11	500 1	500 54	500 11	500 0
515 12	515 0	515 58	515 13	515 0
530 11	530 0	530 32	530 10	530 0
545 21	545 1	545 39	545 22	545 0
600 25	600 3	600 53	600 26	600 0
615 30	615 2	615 73	615 28	615 0
630 47	630 6	630 95	630 48	630 0
645 56	645 6	645 66	645 56	645 0
700 48	700 5	700 57	700 49	700 0
715 47	715 3	715 69	715 47	715 0
730 47	730 6	730 62	730 46	730 0
745 40	745 4	745 55	745 43	745 0
800 36	800 2	800 65	800 35	800 0
815 42	815 0	815 47	815 41	815 0
830 55	830 3	830 42	830 525	830 0
845 57	845 3	845 36	845 56	845 0
900 47	900 1	900 50	900 49	900 0
915 66	915 0	915 58	915 62	915 0
930 80	930 2	930 55	930 77	930 0
945 53	945 2	945 53	945 53	945 0
1000 43	1000 1	1000 40	1000 44	1000 0
1015 56	1015 1	1015 39	1015 50	1015 0
1030 57	1030 4	1030 44	1030 54	1030 0
1045 43	1045 4	1045 54	1045 41	1045 0
1100 55	1100 7	1100 37	1100 57	1100 0
1115 63	1115 3	1115 40	1115 60	1115 0
1130 35	1130 2	1130 28	1130 33	1130 0
1145 51	1145 3	1145 26	1145 51	1145 0
1200 36	1200 3	1200 39	1200 34	1200 0
1215 53	1215 2	1215 49	1215 52	1215 0
1230 60	1230 2	1230 44	1230 60	1230 0
1245 42	1245 2	1245 30	1245 39	1245 0
1300 53	1300 2	1300 38	1300 53	1300 0
1315 47	1315 4	1315 41	1315 46	1315 0
1330 59	1330 1	1330 36	1330 59	1330 0
1345 64	1345 1	1345 44	1345 62	1345 0
1400 59	1400 5	1400 41	1400 60	1400 0
1415 67	1415 3	1415 44	1415 66	1415 0
1430 54	1430 2	1430 31	1430 54	1430 0
1445 47	1445 2	1445 35	1445 46	1445 0
1500 50	1500 2	1500 50	1500 50	1500 0
1515 53	1515 3	1515 49	1515 55	1515 0
1530 58	1530 1	1530 58	1530 58	1530 0
1545 101	1545 3	1545 49	1545 100	1545 0
1600 60	1600 1	1600 53	1600 58	1600 0
1615 54	1615 2	1615 39	1615 52	1615 0
1630 74	1630 3	1630 55	1630 72	1630 0
1645 75	1645 0	1645 40	1645 73	1645 0
1700 73	1700 0	1700 61	1700 75	1700 0
1715 67	1715 3	1715 50	1715 64	1715 0
1730 58	1730 2	1730 50	1730 57	1730 0
1745 50	1745 0	1745 36	1745 52	1745 0
1800 54	1800 0	1800 38	1800 56	1800 0
1815 51	1815 1	1815 37	1815 53	1815 0
1830 58	1830 3	1830 43	1830 56	1830 0
1845 39	1845 2	1845 35	1845 38	1845 0
1900 32	1900 1	1900 28	1900 29	1900 0
1915 30	1915 2	1915 29	1915 29	1915 0
1930 37	1930 2	1930 35	1930 36	1930 0
1945 30	1945 2	1945 24	1945 29	1945 0
2000 28	2000 4	2000 16	2000 27	2000 0
2015 20	2015 2	2015 17	2015 21	2015 0
2030 21	2030 1	2030 31	2030 20	2030 0
2045 19	2045 1	2045 13	2045 18	2045 0
2100 17	2100 2	2100 20	2100 16	2100 0
2115 12	2115 4	2115 25	2115 11	2115 0
2130 11	2130 0	2130 19	2130 11	2130 0
2145 12	2145 0	2145 17	2145 12	2145 0
2200 8	2200 1	2200 9	2200 8	2200 0
2215 13	2215 0	2215 13	2215 12	2215 0
2230 9	2230 0	2230 11	2230 9	2230 0
2245 4	2245 1	2245 14	2245 4	2245 0
2300 11	2300 1	2300 8	2300 10	2300 0
2315 6	2315 0	2315 9	2315 6	2315 0
2330 4	2330 0	2330 10	2330 4	2330 0
2345 6	2345 0	2345 7	2345 6	2345 0
2400 4	2400 0	2400 9	2400 4	2400 0

Milepoint 38.71 Station 221070			
Year	AADT	Average Annual Growth Rate	Compound Annual Growth Rate
2003	7037	-4%	
2006	6755	3%	
2008	6935	-6%	
2010	6512	9%	
2012	7074		
			0%
Growth Multiplier		Growth Percentage	Annual Growth
2012	6813.617359		
2018	6748.706876		
2020	6727.207757	100%	-0.59% -0.07%
2045	6464.177546	96%	-2.39% -0.07%

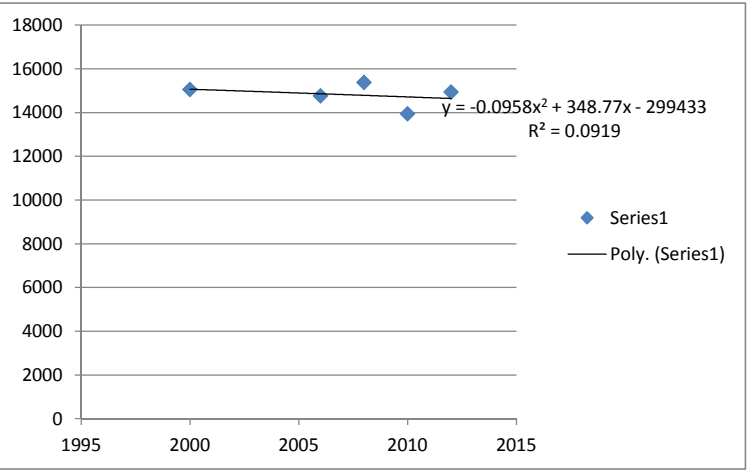


Milepoint 49.47 Station 221280			
Year	AADT	Average Annual Growth Rate	Compound Annual Growth Rate
2003	7894	-5%	
2006	7487	3%	
2008	7707	14%	
2010	8814	5%	
2012	9271		
			2%
Growth Multiplier		Growth Percentage	Annual Growth
2012	8950.491587		
2018	10131.83655		
2020	10559.30344	104%	10.99% 1.37%
2045	17700.0284	175%	59.78% 1.81%

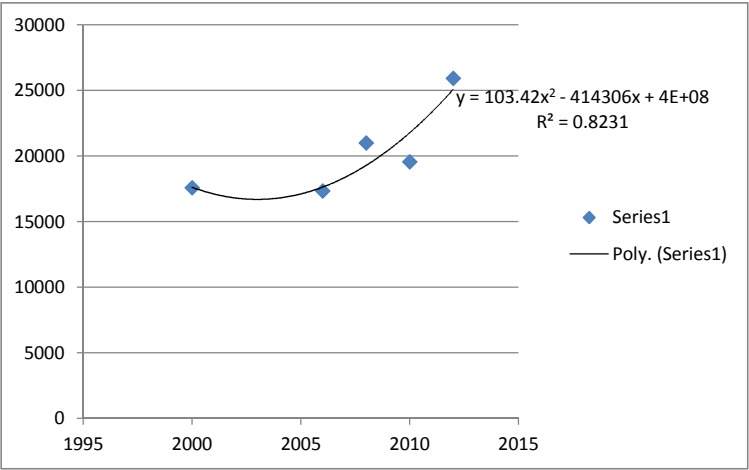


Place	Pop 2000	Pop 2010	Growth Rate
Belle Case	12130	15590	0.285243
Port Sulfur	3933	2353	-0.40173
Pointe La Hache	622	336	-0.45981
Buras	6383	2381	-0.62698
Empire	525	75	-0.85714

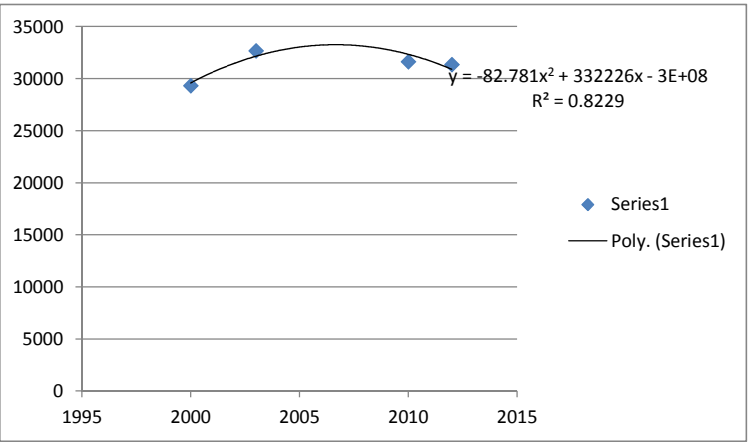
Milepoint 59.92 Station 221190				
Year	AADT	Average Annual Growth Rate	Compound Annual Growth Rate	
2000	15050	-2%		
2006	14758	4%		
2008	15386	-9%		
2010	13946	7%		
2012	14940			
			0%	
Growth Multiplier		Growth Percentage		Annual Growth
2012	14635.26672			
2018	14422.11471			
2020	14351.75615	100%	-1.94%	-0.24%
2045	13500.7008	94%	-7.75%	-0.23%



Milepoint 62.86 Station 221200				
Year	AADT	Average Annual Growth Rate	Compound Annual Growth Rate	
2000	17574	-1%		
2006	17350	21%		
2008	20995	-7%		
2010	19551	33%		
2012	25936			
			4%	
Growth Multiplier		Growth Percentage		Annual Growth
2012	22877.65656			
2018	26967.23799			
2020	28486.87294	1.056351153	24.52%	3.06%
2045	56526.05295	2.096100942	147.08%	4.46%



Milepoint 65.686 Station 221210				
Year	AADT	Average Annual Growth Rate	Compound Annual Growth Rate	
2000	29315	11%		
2003	32670	-3%		
2010	31628	-1%		
2012	31348			
			1%	
Growth Multiplier		Growth Percentage		Annual Growth
2012	31812.10002			
2018	32446.03107			
2020	34676.10971	1.068731939	9.00%	1.13%
2045	35458.72882	1.092852582	11.46%	0.35%
Total Growth		11%		
Annual Growth		0.35%		
Growth Multiplier		1.092852582		

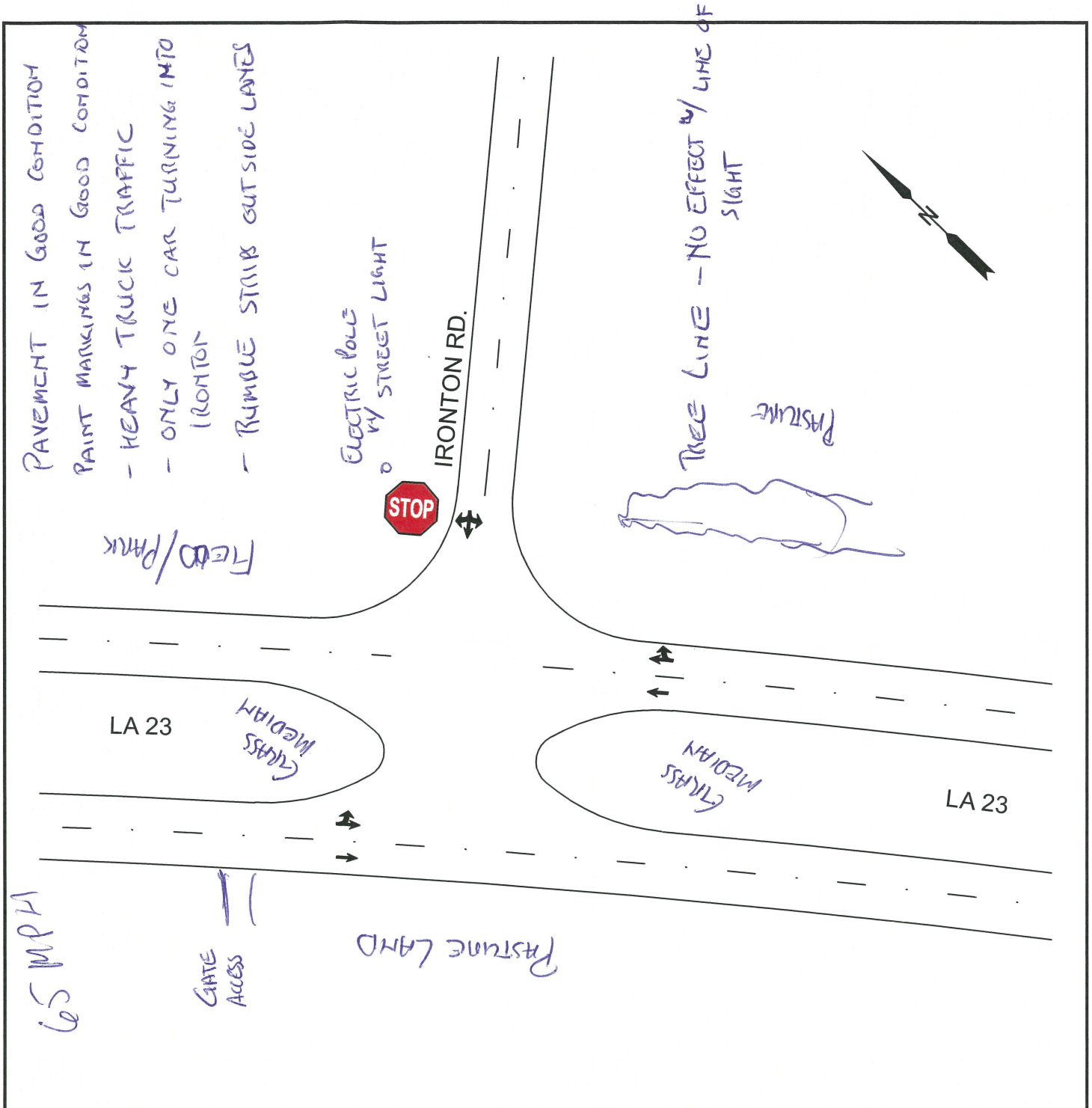


	Annual Growth	Growth multiplier
2020	1.85%	1.06
2045	2.21%	1.84

FIELD VISIT 6/1/2018

11:00 AM

I:\Projects\CPRA\60558019_MBSD\900-CAD-GIS\910-CAD\935-Sketches and Working Drawings\Transportation\SHEETS\IRONTON RD.dwg, May 16, 2018 -- 10:06:43AM, serigneac



AECOM

7389 FLORIDA BOULEVARD
SUITE 300
BATON ROUGE, LA 70806
225-922-5700

MID-BARATARIA SEDIMENT DIVERSION BOD

FIGURE 2-2
EXISTING INTERSECTION OF
LA 23 AND IRONTON ROAD

CPRA PROJECT NUMBER: BA-153

AECOM PROJECT NUMBER: 60558019

DRN BY: C.G.SERIGNEA

DSN BY:

APRD BY:

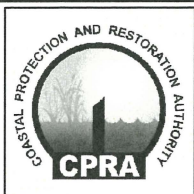
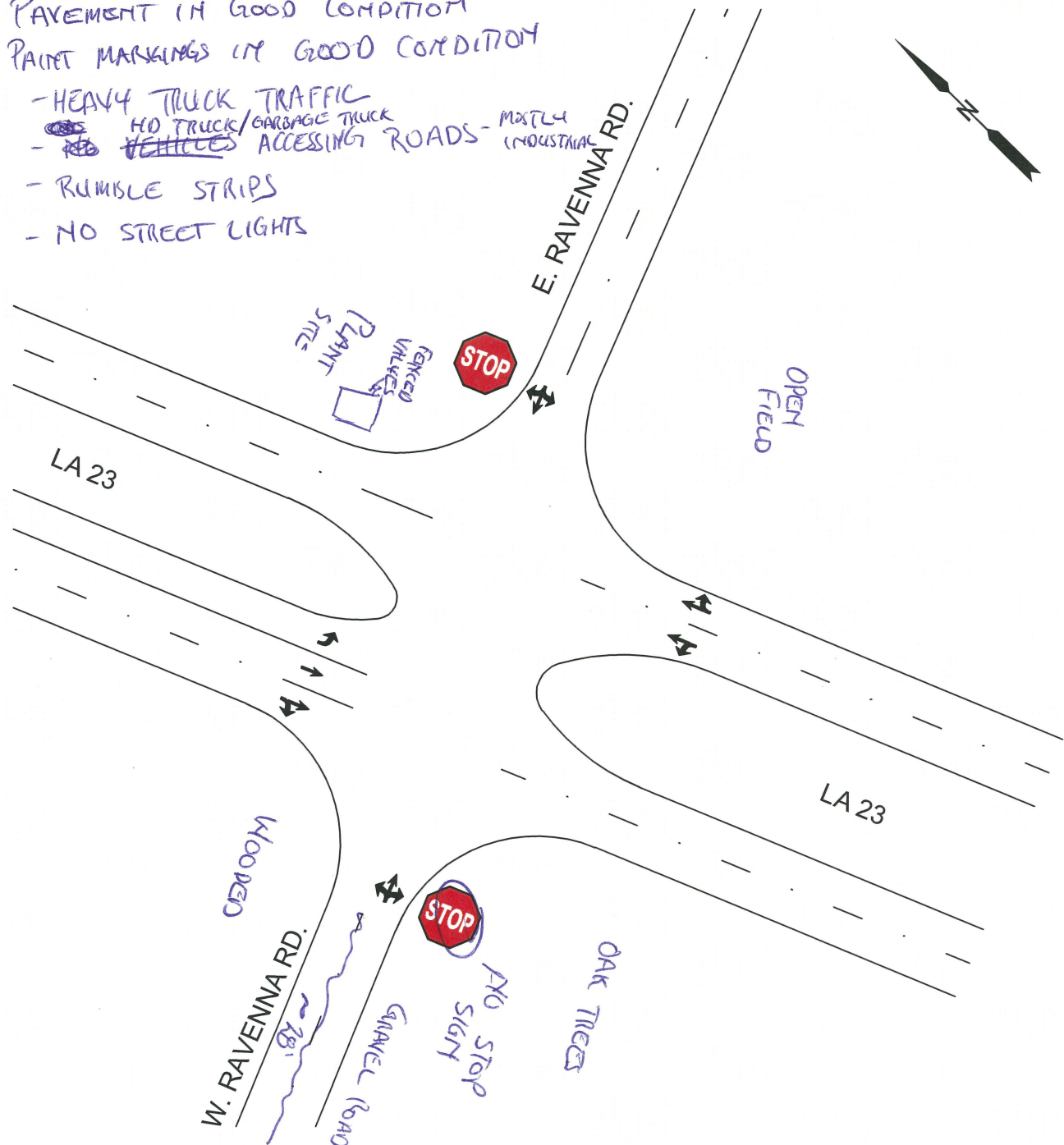
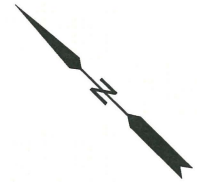
DATE: JANUARY, 2018

SHT NO: 2

FIELD VISIT 6/11/2018
7:43 AM

PAVEMENT IN GOOD CONDITION
PAINT MARKINGS IN GOOD CONDITION

- HEAVY TRUCK TRAFFIC
- NO TRUCK/GARBAGE TRUCK
- ~~NO~~ ~~VEHICLES~~ ACCESSING ROADS - MOSTLY INDUSTRIAL
- RUMBLE STRIPS
- NO STREET LIGHTS



AECOM

7389 FLORIDA BOULEVARD
SUITE 300
BATON ROUGE, LA 70806
225-922-5700

MID-BARATARIA SEDIMENT DIVERSION BOD

FIGURE 2-1
EXISTING INTERSECTION OF
LA 23 AND RAVENNA ROAD

CPRA PROJECT NUMBER: BA-153

AECOM PROJECT NUMBER: 60558019

DRN BY: C.G. SERIGNEA

DSN BY:

APRD BY:

DATE: JANUARY, 2018

SHT NO: 1

Appendix C

EXISTING SAFETY ANALYSIS

Collision Diagram

Crash Data



Prepared for:

I:\Projects\CPRA\Mid-Barataria\60571915-Taks Order #3\400-Technical\430 Transportation\Traffic Report\Mid-Barataria Traffic Analysis Report. 100818 v2-GDT.docx

This correspondence and the information contained herein is prepared solely for the purpose of identifying, evaluating and planning safety improvements on public roads which may be implemented utilizing federal aid highway funds; and is therefore exempt from discovery or admission into evidence pursuant to 23 U.S.C. 40

AECOM Imagine it.
Delivered.

C





- 2012
- 2014
- 2015
- 2016

LEGEND:

NON-COLLISION	RIGHT TURN (H)
REAR END	RIGHT TURN (I)
HEAD-ON	SIDESWIPE (SD)
RIGHT ANGLE	SIDESWIPE (OD)
LEFT TURN (E)	OTHER
LEFT TURN (F)	ASSIGNED CRASH NUMBER (CRASH DATA LIST LOCATED AFTER CRASH MAPS)
LEFT TURN (G)	

STATE PROJECT NO. BA-153

STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY MID-BARATARIA SEDIMENT DIVERSION PROJECT	
2012-2016 COLLISION DIAGRAM	
AECOM 7389 FLORIDA BOULEVARD SUITE 300 BATON ROUGE, LA 70806 225-922-5700	 SHEET 2 OF 5



- 2012
- 2014
- 2015
- 2016

LEGEND:

NON-COLLISION	RIGHT TURN (H)
REAR END	RIGHT TURN (I)
HEAD-ON	SIDESWIPE (SD)
RIGHT ANGLE	SIDESWIPE (OD)
LEFT TURN (E)	OTHER
LEFT TURN (F)	ASSIGNED CRASH NUMBER (CRASH DATA LIST LOCATED AFTER CRASH MAPS)
LEFT TURN (G)	

STATE PROJECT NO. BA-153

STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY
MID-BARATARIA
SEDIMENT DIVERSION PROJECT

2012-2016 COLLISION DIAGRAM

AECOM
7389 FLORIDA BOULEVARD
SUITE 300
BATON ROUGE, LA 70806
225-922-5700

CPRA
COASTAL PROTECTION AND RESTORATION AUTHORITY

SHEET
3
OF 5



- 2012
- 2014
- 2015
- 2016

LEGEND:

○ NON-COLLISION	● RIGHT TURN (H)
● REAR END	● RIGHT TURN (I)
● HEAD-ON	● SIDESWIPE (SD)
● RIGHT ANGLE	● SIDESWIPE (OD)
● LEFT TURN (E)	● OTHER
● LEFT TURN (F)	● XX ASSIGNED CRASH NUMBER (CRASH DATA LIST LOCATED AFTER CRASH MAPS)
● LEFT TURN (G)	

STATE PROJECT NO. BA-153

STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY MID-BARATARIA SEDIMENT DIVERSION PROJECT	
2012-2016 COLLISION DIAGRAM	
AECOM 7389 FLORIDA BOULEVARD SUITE 300 BATON ROUGE, LA 70806 225-922-5700	 SHEET 4 OF 5



- 2012
- 2014
- 2015
- 2016

LEGEND:

NON-COLLISION	RIGHT TURN (H)
REAR END	RIGHT TURN (I)
HEAD-ON	SIDESWIPE (SD)
RIGHT ANGLE	SIDESWIPE (OD)
LEFT TURN (E)	OTHER
LEFT TURN (F)	ASSIGNED CRASH NUMBER (CRASH DATA LIST LOCATED AFTER CRASH MAPS)
LEFT TURN (G)	xx

STATE PROJECT NO. BA-153

STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

MID-BARATARIA
SEDIMENT DIVERSION PROJECT

2012-2016 COLLISION DIAGRAM

AECOM

7389 FLORIDA BOULEVARD
SUITE 300
BATON ROUGE, LA 70806
225-922-5700

COASTAL PROTECTION AND RESTORATION AUTHORITY
CPRA

SHEET
5
OF 5

1. Safety Comparison

Project Name:	H. 98 65 32
Route:	LA 23
AADT:	9300
Period:	2014 to 2016

Duration: 3 years

Highway Class:	Rural 4-Divided
Control-Section:	062-02
Log-mile from:	16.995
Log-mile to:	18.85

Segment Length: 1.855 miles

Quality Assurance Index: 68%

All Severity Crashes - Safety Performance Function (SPF)

All Severity Crashes - Rural 4-Divided SPF					
$\hat{E}\{\mu\} = y * [\beta_4 + (\beta_1 * AADT^{\beta_2}) / (AADT^{\beta_2} + \beta_3^{\beta_2})]$					
y	β ₁	β ₂	β ₃	β ₄	b
0.2	1.0E+02	1.292	68189	0.469	6.066

Safety Level

LOSS 4

: High potential*

LOSS 3

: Moderate potential*

LOSS 2

: Low potential*

LOSS 1

: Negligible potential*

*for safety improvements

Observed: 3.67 Crashes/yr

Predicted (SPF): #NAME? Crashes/yr

Overdispersion: 6.07

Weighted Adjustment: #NAME?

Observed: 1.98 Crashes/mile/yr

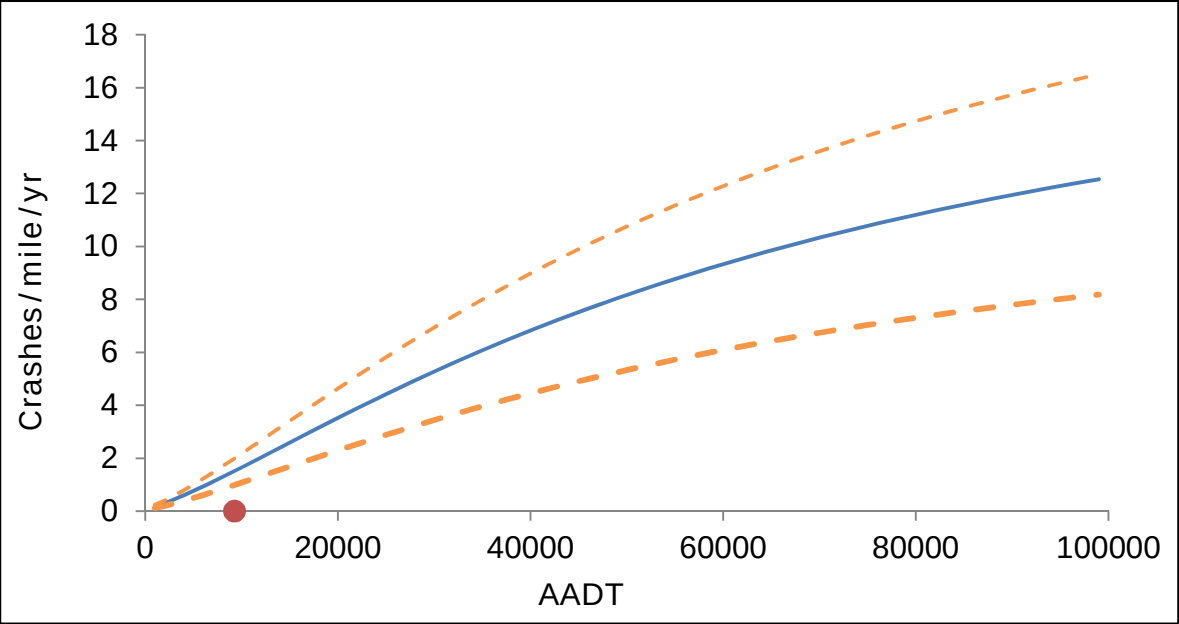
Expected (SPF + EB): #NAME? Crashes/mile/yr

Safety Service Level: #NAME?

80th Percentile: #NAME? Crashes/mile/yr

Predicted (SPF): #NAME? Crashes/mile/yr

20th Percentile: #NAME? Crashes/mile/yr



1. Safety Comparison

Project Name:	H. 98 65 32
Route:	LA 23
AADT:	9300
Period:	2014 to 2016

Highway Class:	Rural 4-Divided
Control-Section:	062-02
Log-mile from:	16.995
Log-mile to:	18.85

Duration: years

Segment Length: miles

Injury Crashes - Safety Performance Function (SPF)

Injury Crashes - Rural 4-Divided SPF					
$\hat{E}\{\mu\} = y * [\beta_4 + (\beta_1 * AADT^{\beta_2}) / (AADT^{\beta_2} + \beta_3^{\beta_2})]$					
y	β_1	β_2	β_3	β_4	b
0.2	1.7E+01	1.642	2.6E+04	0.47007	5.75

Safety Level

LOSS 4

: High potential*

LOSS 3

: Moderate potential*

LOSS 2

: Low potential*

LOSS 1

: Negligible potential*

*for safety improvements

Observed: Crashes/yr

Predicted (SPF): Crashes/yr

Overdispersion:

Weighted Adjustment:

Observed: Crashes/mile/yr

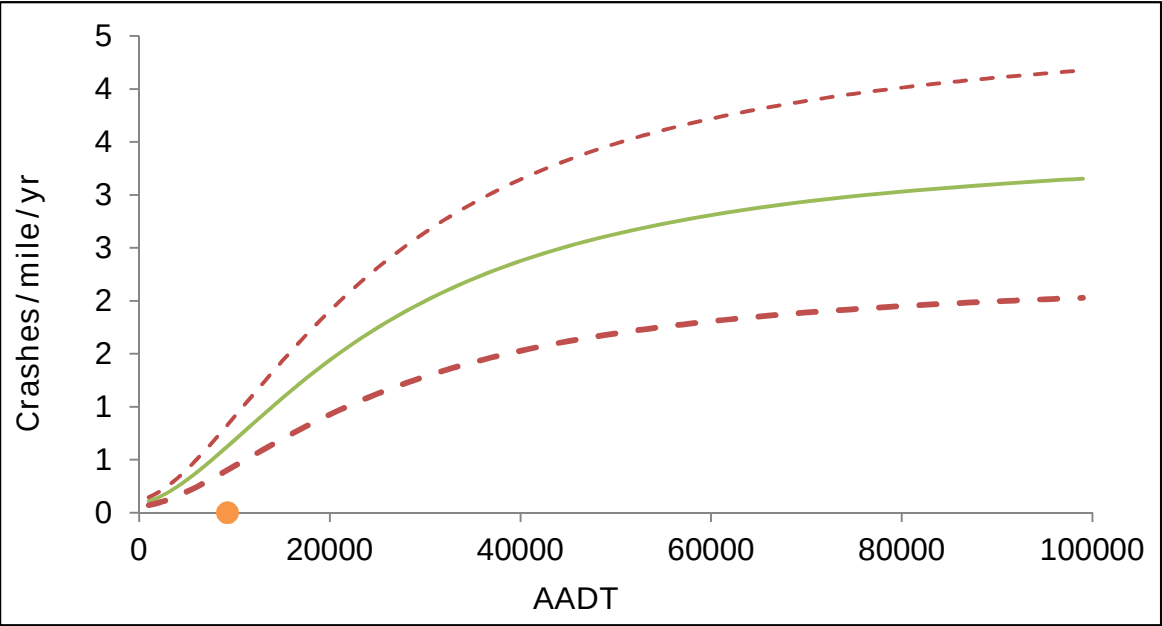
Expected (SPF + EB): Crashes/mile/yr

Safety Service Level:

80th Percentile: Crashes/mile/yr

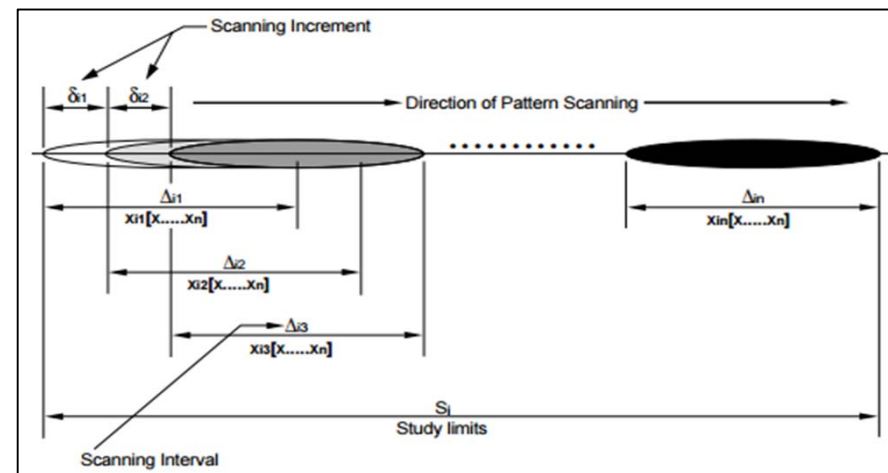
Predicted (SPF): Crashes/mile/yr

20th Percentile: Crashes/mile/yr



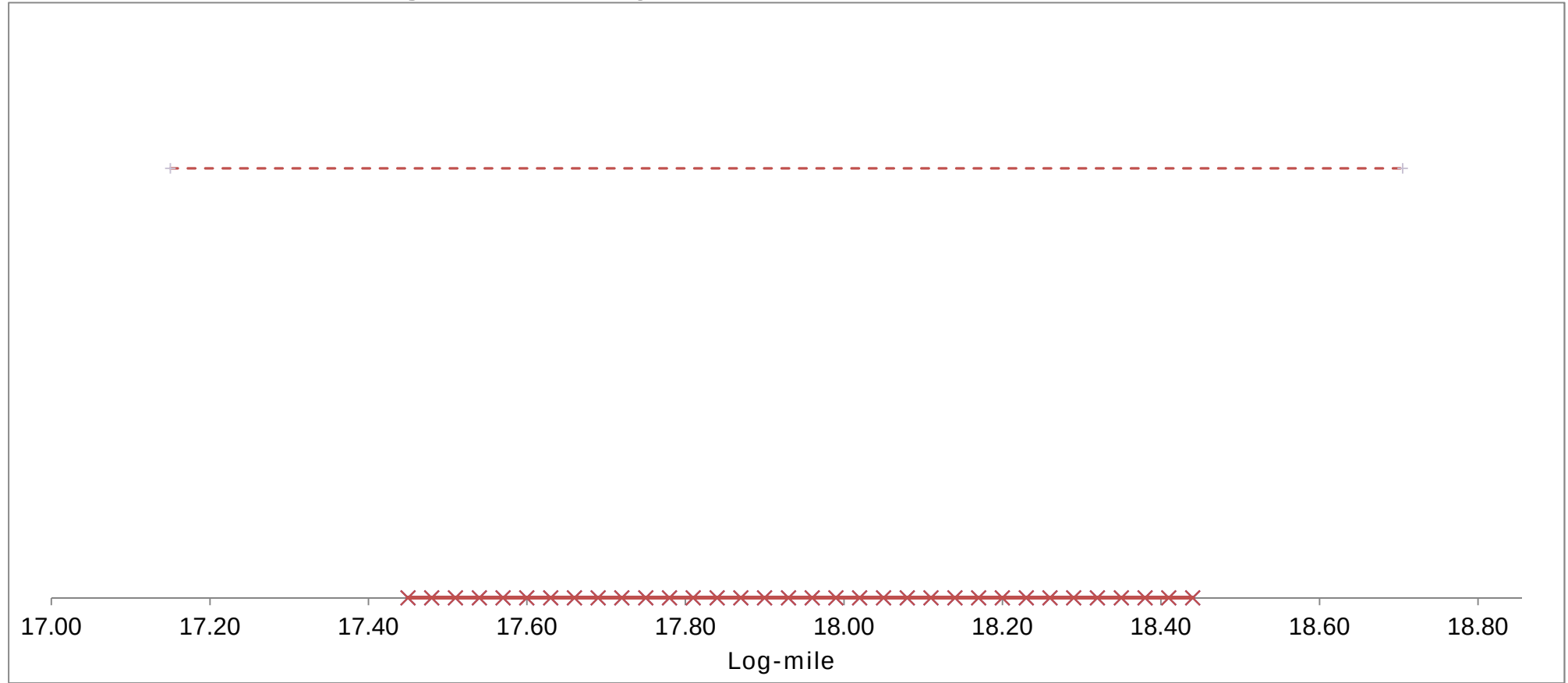
2. Pattern Recognition Analysis

Control-Section:	062-02
Log-mile from:	17.00
Log-mile to:	18.85
AADT:	9300
Highway Class:	Rural 4-Divided
Period:	2014 to 2016
Δ:	0.90 miles
δ:	0.030 miles
Percent Limit:	90%
Possible Δs:	35
AADT Group:	Low



Code	Category	Obs %	State %	Δ s > Cutoff	Graph	Code	Category	Obs %	State %	Δ s > Cutoff	Graph
A	Pedestrian	0.00%	0.95%	0 0%	☐	A	Non Coll	54.55%	18.88%	21 61%	☐
B	Pedalcycle	0.00%	0.28%	0 0%	☐	B	Rear End	9.09%	38.49%	0 0%	☐
C	ATV	0.00%	0.04%	0 0%	☐	C	Head On	0.00%	0.76%	6 17%	☐
D	Motorcycle	9.09%	1.31%	51 148%	☒	D	Rt Angle	0.00%	7.95%	76 220%	☒
E	Parked	0.00%	0.01%	0 0%	☐	E	Left Turn-e	0.00%	2.33%	0 0%	☐
F	Not Fixed	0.00%	1.14%	0 0%	☐	F	Left Turn-f	0.00%	2.15%	3 9%	☐
G	Vertical Fixed	0.00%	4.11%	17 49%	☐	G	Left Turn-g	0.00%	2.05%	2 6%	☐
H	Structures	36.36%	1.24%	0 0%	☐	H	Right Turn-h	0.00%	1.63%	14 41%	☐
J	Train	0.00%	0.01%	0 0%	☐	I	Right Turn-i	0.00%	0.15%	0 0%	☐
K	Responder	0.00%	0.19%	0 0%	☐	J	S Swipe(sd)	9.09%	16.60%	0 0%	☐
L	Farm	0.00%	0.22%	0 0%	☐	K	S Swipe(od)	0.00%	0.80%	3 9%	☐
M	Bus	0.00%	0.58%	0 0%	☐	Z	Other	27.27%	8.21%	0 0%	☐
N	Animal	18.18%	4.65%	0 0%	☐	1	Road Depart.	81.82%	23.37%	16 46%	☐
P	Other Fixed	18.18%	4.29%	49 142%	☐	B	Dark w/o Lights	63.64%	11.46%	79 229%	☐
Q	Transport	18.18%	7.57%	0 0%	☐	1	Alcohol	9.09%	4.53%	38 110%	☐
R	3+ Vehicles	0.00%	5.04%	0 0%	☐	B	Wet Surface	0.00%	15.66%	71 206%	☐
T	Miscellaneous	0.00%	2.92%	22 64%	☐						

2. Pattern Recognition Analysis



South North

Comments:
Motorcycle related crashes are represented by purple "X"s
Rt Angle crashes are represented by red "X"s

Appendix D

EXISTING AND ANALYSIS

Existing Peak Analysis

Body text



Mid Barataria Traffic Study

Vistro File: M:\...\Mid Barararia.vistro

Scenario 1 Existing AM Peak

Report File: C:\...\Existing AM Peak.pdf

7/16/2018

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Ravenna Rd.	Two-way stop	HCM 6th Edition	WB Thru	0.009	11.3	B
2	Greenhouse Access	Two-way stop	HCM 6th Edition	NEB Right	0.002	8.9	A
3	Ram Terminals DW 2	Two-way stop	HCM 6th Edition	WB Left	0.004	10.2	B
4	Median Opening 29.66161, -89.97518	Two-way stop	HCM 6th Edition	NWB U-T	0.000	8.4	A
5	Median Opening 29.65684, -89.97295	Two-way stop	HCM 6th Edition	NWB U-T	0.000	8.4	A
6	Median Opening/Entrance 29.65203, -89.96986	Two-way stop	HCM 6th Edition	NEB Left	0.004	10.2	B
7	Ironton Rd	Two-way stop	HCM 6th Edition	SWB Left	0.007	10.2	B
8	Plaquemines Parish Access	Two-way stop	HCM 6th Edition	NEB Left	0.007	10.1	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report**Intersection 1: Ravenna Rd.**

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 11.3
 Level Of Service: B
 Volume to Capacity (v/c): 0.009

Intersection Setup

Name	LA 23			LA 23			Ravenna Rd			Ravenna Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	200.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00			65.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	LA 23			LA 23			Ravenna Rd			Ravenna Rd		
Base Volume Input [veh/h]	5	172	5	5	199	5	5	5	5	5	5	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	172	5	5	199	5	5	5	5	5	5	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	43	1	1	50	1	1	1	1	1	1	1
Total Analysis Volume [veh/h]	5	172	5	5	199	5	5	5	5	5	5	5
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			Yes	Yes
Storage Area [veh]	0	0	2	2
Two-Stage Gap Acceptance			Yes	Yes
Number of Storage Spaces in Median	0	0	1	1

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
d_M, Delay for Movement [s/veh]	7.65	0.00	0.00	7.59	0.00	0.00	10.63	11.31	8.92	10.52	11.31	8.85
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.01	0.01	0.00	0.01	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05
95th-Percentile Queue Length [ft/ln]	0.28	0.14	0.00	0.27	0.00	0.00	1.25	1.25	1.25	1.24	1.24	1.24
d_A, Approach Delay [s/veh]	0.21			0.18			10.29			10.22		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	0.91											
Intersection LOS	B											

Intersection Level Of Service Report

Intersection 2: Greenhouse Access

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 8.9
 Level Of Service: A
 Volume to Capacity (v/c): 0.002

Intersection Setup

Name	LA 23		LA 23		Greenhouse	
Approach	Northbound		Southbound		Northeastbound	
Lane Configuration	↑↑		↑↑		↑	
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	LA 23		LA 23		Greenhouse	
Base Volume Input [veh/h]	0	182	207	2	0	2
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	4.40	6.80	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	182	207	2	0	2
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	46	52	1	0	1
Total Analysis Volume [veh/h]	0	182	207	2	0	2
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	0.00	0.00	0.00	0.00	0.00	8.88
Movement LOS		A	A	A		A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.01
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.16
d_A, Approach Delay [s/veh]	0.00		0.00		8.88	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.05					
Intersection LOS	A					

Intersection Level Of Service Report
Intersection 3: Ram Terminals DW 2

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 10.2
 Level Of Service: B
 Volume to Capacity (v/c): 0.004

Intersection Setup

Name	LA 23		LA 23		Driveway 2	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	LA 23		LA 23		Driveway 2	
Base Volume Input [veh/h]	177	6	11	198	3	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	177	6	11	198	3	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	44	2	3	50	1	1
Total Analysis Volume [veh/h]	177	6	11	198	3	5
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			Yes
Storage Area [veh]	0	0	1
Two-Stage Gap Acceptance			Yes
Number of Storage Spaces in Median	0	0	1

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.01	0.00	0.00	0.01
d_M, Delay for Movement [s/veh]	0.00	0.00	7.61	0.00	10.22	8.81
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.02	0.01	0.02	0.02
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.60	0.30	0.40	0.40
d_A, Approach Delay [s/veh]	0.00		0.40		9.34	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.40					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 4: Median Opening 29.66161, -89.97518

Control Type:	Two-way stop	Delay (sec / veh):	8.4
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	LA 23		LA 23	
Approach	Southbound		Northwestbound	
Lane Configuration				
Turning Movement	U-turn	Thru	U-turn	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00	
Grade [%]	0.00		0.00	
Crosswalk	No		No	

Volumes

Name	LA 23		LA 23	
Base Volume Input [veh/h]	0	201	0	183
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	10.00	2.00	6.00
Growth Rate	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0
Other Volume [veh/h]	0	0	0	0
Total Hourly Volume [veh/h]	0	201	0	183
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	50	0	46
Total Analysis Volume [veh/h]	0	201	0	183
Pedestrian Volume [ped/h]	0		0	

Intersection Settings

Priority Scheme	Free	Free
Flared Lane		
Storage Area [veh]	0	0
Two-Stage Gap Acceptance		
Number of Storage Spaces in Median	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.28	0.00	8.37	0.00
Movement LOS	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	0.00		0.00	
Approach LOS	A		A	
d_I, Intersection Delay [s/veh]	0.00			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 5: Median Opening 29.65684, -89.97295

Control Type:	Two-way stop	Delay (sec / veh):	8.4
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	LA 23		LA 23	
Approach	Northwestbound		Southeastbound	
Lane Configuration				
Turning Movement	U-turn	Thru	U-turn	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00	
Grade [%]	0.00		0.00	
Crosswalk	No		No	

Volumes

Name	LA 23		LA 23	
Base Volume Input [veh/h]	0	186	0	202
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	4.30	2.00	8.90
Growth Rate	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0
Other Volume [veh/h]	0	0	0	0
Total Hourly Volume [veh/h]	0	186	0	202
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	47	0	51
Total Analysis Volume [veh/h]	0	186	0	202
Pedestrian Volume [ped/h]	0		0	

Intersection Settings

Priority Scheme	Free	Free
Flared Lane		
Storage Area [veh]	0	0
Two-Stage Gap Acceptance		
Number of Storage Spaces in Median	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.37	0.00	8.30	0.00
Movement LOS	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	0.00		0.00	
Approach LOS	A		A	
d_I, Intersection Delay [s/veh]	0.00			
Intersection LOS	A			

Intersection Level Of Service Report**Intersection 6: Median Opening/Entrance 29.65203, -89.96986**

Control Type:	Two-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.004

Intersection Setup

Name	29.65203, -89.96986		LA 23		LA 23	
Approach	Northeastbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	29.65203, -89.96986		LA 23		LA 23	
Base Volume Input [veh/h]	3	3	3	191	191	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	5.10	10.30	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	3	3	3	191	191	3
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	1	1	48	48	1
Total Analysis Volume [veh/h]	3	3	3	191	191	3
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.18	8.84	7.62	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.01	0.01	0.01	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.32	0.32	0.16	0.08	0.00	0.00
d_A, Approach Delay [s/veh]	9.51		0.12		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.20					
Intersection LOS	B					

Intersection Level Of Service Report

Intersection 7: Ironton Rd

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 10.2
 Level Of Service: B
 Volume to Capacity (v/c): 0.007

Intersection Setup

Name	Ironton Rd		LA 23		LA 23	
Approach	Southwestbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Ironton Rd		LA 23		LA 23	
Base Volume Input [veh/h]	5	19	175	5	13	181
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	19	175	5	13	181
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	5	44	1	3	45
Total Analysis Volume [veh/h]	5	19	175	5	13	181
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.02	0.00	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	10.24	8.85	0.00	0.00	7.61	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.06	0.06	0.00	0.00	0.03	0.01
95th-Percentile Queue Length [ft/ln]	1.53	1.53	0.00	0.00	0.71	0.35
d_A, Approach Delay [s/veh]	9.14		0.00		0.51	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.80					
Intersection LOS	B					

Intersection Level Of Service Report

Intersection 8: Plaquemines Parish Access

Control Type:	Two-way stop	Delay (sec / veh):	10.1
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.007

Intersection Setup

Name	Plaquemines Parish Access		LA 23		LA 23	
Approach	Northeastbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Plaquemines Parish Access		LA 23		LA 23	
Base Volume Input [veh/h]	5	5	5	175	181	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	5.00	9.70	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	5	5	175	181	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	1	1	44	45	1
Total Analysis Volume [veh/h]	5	5	5	175	181	5
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.12	8.82	7.61	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.54	0.54	0.27	0.14	0.00	0.00
d_A, Approach Delay [s/veh]	9.47		0.21		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.35					
Intersection LOS	B					

Mid Barataria Traffic Study

Vistro File: M:\...\Mid Barararia.vistro

Scenario 1 Existing AM Peak

Report File: C:\...\Existing AM Peak.pdf

7/16/2018

Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Ravenna Rd.	5	172	5	5	199	5	5	5	5	5	5	5	421

ID	Intersection Name	Northbound		Southbound		Northeastbound	Total Volume
		Thru		Thru	Right	Right	
2	Greenhouse Access	182		207	2	2	393

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
3	Ram Terminals DW 2	177	6	11	198	3	5	400

ID	Intersection Name	Southbound		Northwestbound		Total Volume
		U-T	Thru	U-T	Thru	
4	Median Opening 29.66161, -89.97518	0	201	0	183	384

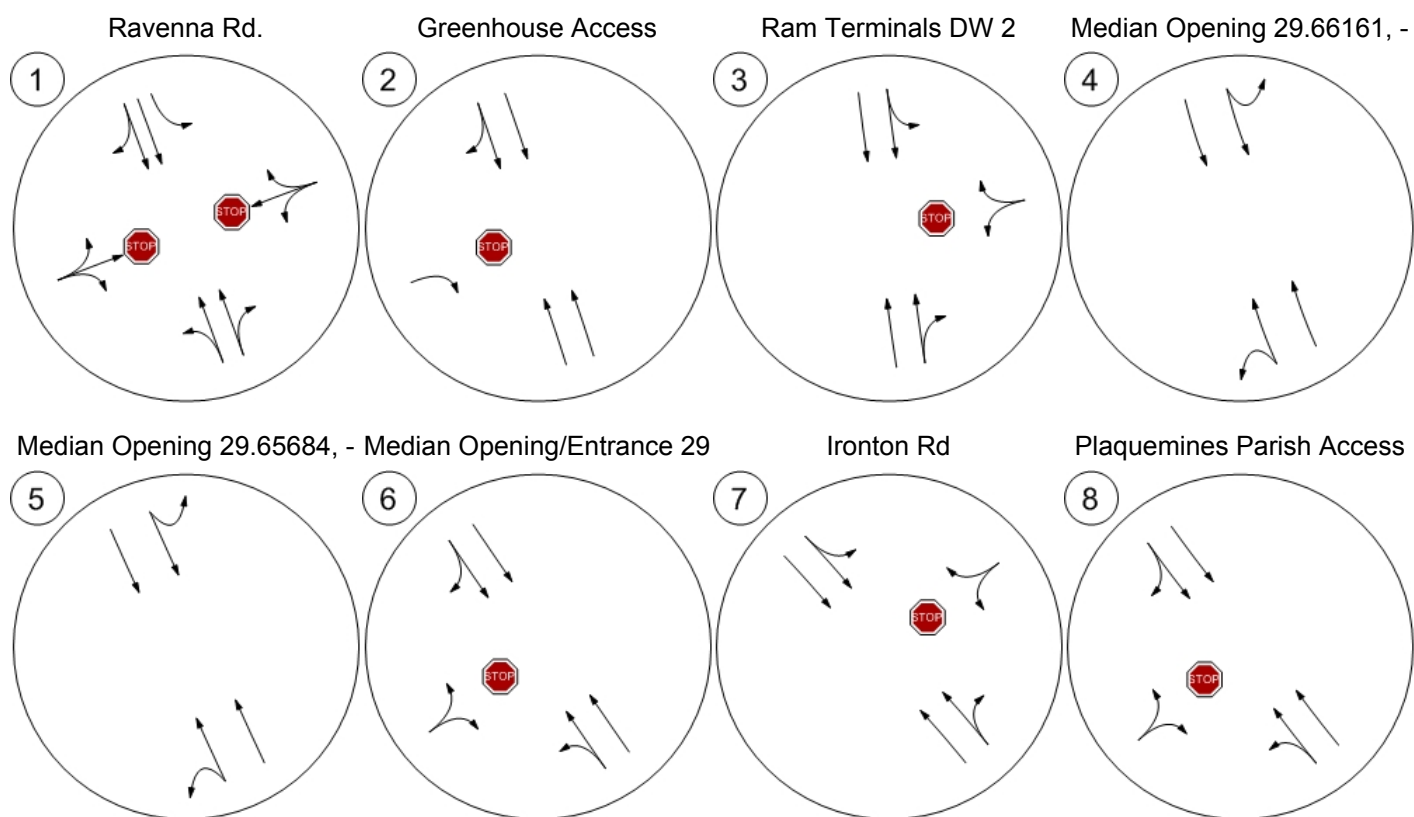
ID	Intersection Name	Northwestbound		Southeastbound		Total Volume
		U-T	Thru	U-T	Thru	
5	Median Opening 29.65684, -89.97295	0	186	0	202	388

ID	Intersection Name	Northeastbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Left	Thru	Thru	Right	
6	Median Opening/Entrance 29.65203, -89.96986	3	3	3	191	191	3	394

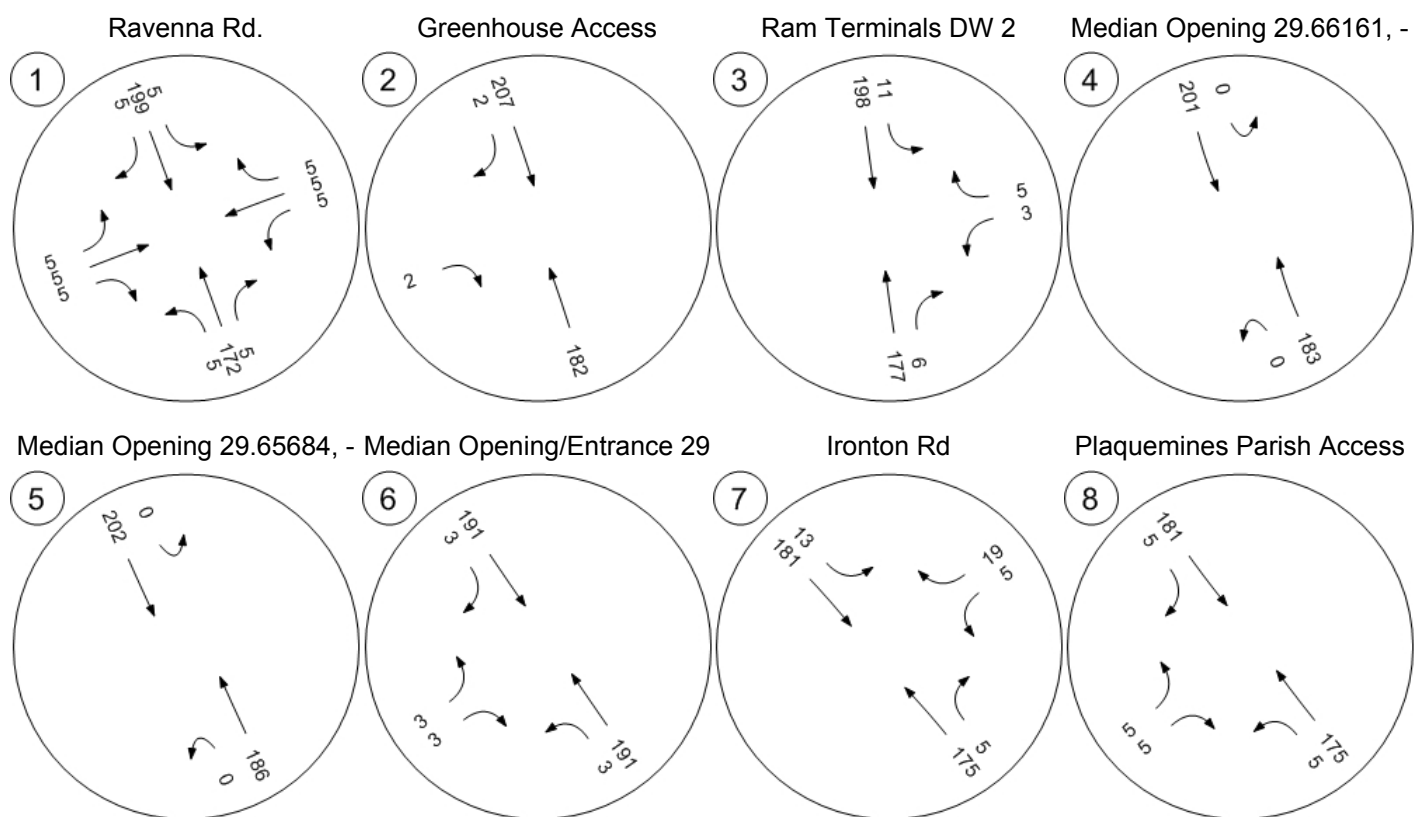
ID	Intersection Name	Southwestbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
7	Ironton Rd	5	19	175	5	13	181	398

ID	Intersection Name	Northeastbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Left	Thru	Thru	Right	
8	Plaquemines Parish Access	5	5	5	175	181	5	376

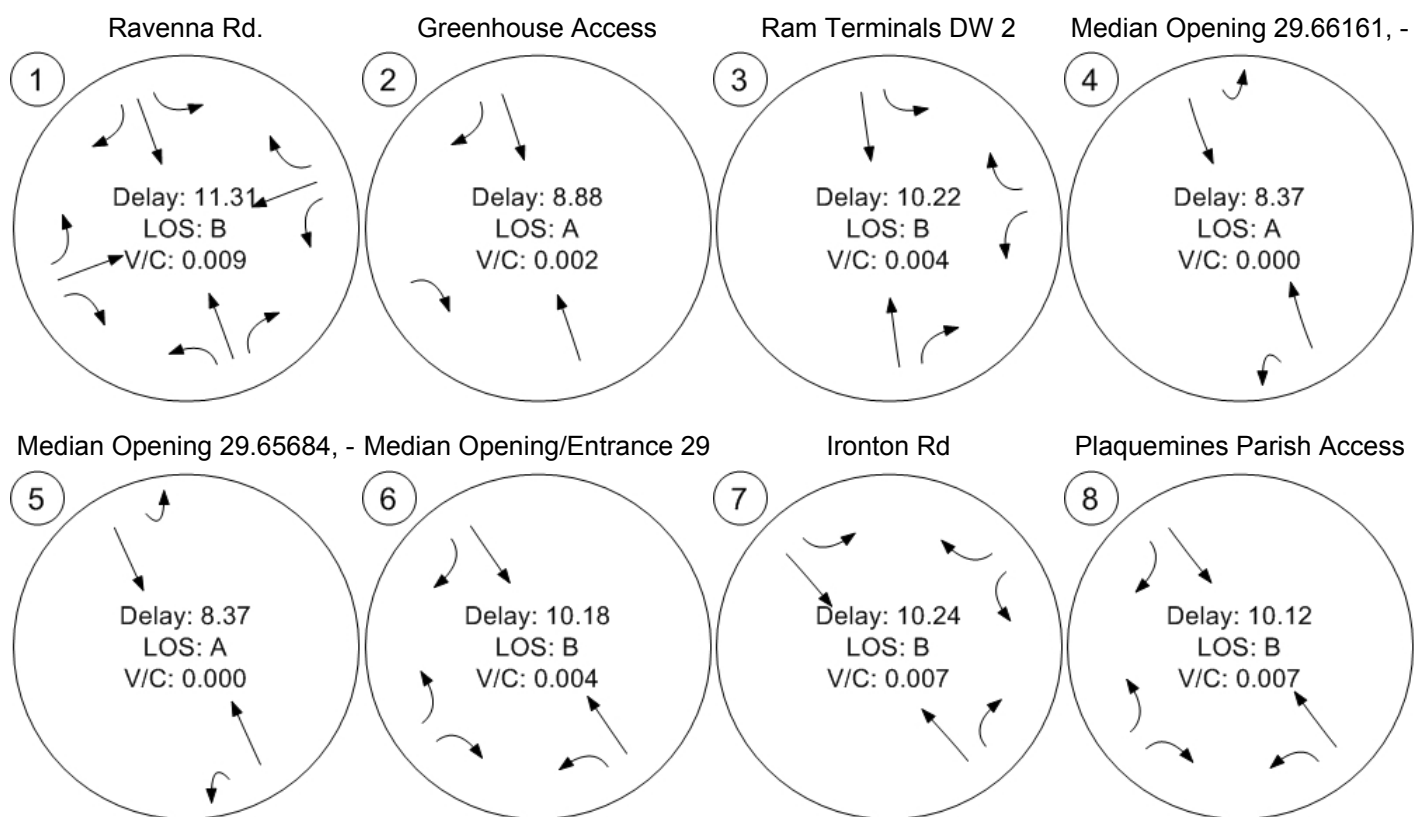
Lane Configuration and Traffic Control



Traffic Volume - Base Volume



Traffic Conditions



Mid Barataria Traffic Stuff

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Scenario 2 Existing PM Peak

Report File: C:\...\Existing PM Peak.pdf

7/16/2018

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Ravenna Rd.	Two-way stop	HCM 6th Edition	WB Thru	0.009	11.7	B
2	Greenhouse Access	Two-way stop	HCM 6th Edition	NEB Right	0.001	8.8	A
3	Ram Terminals DW 2	Two-way stop	HCM 6th Edition	WB Left	0.008	10.5	B
4	Median Opening 29.66161, -89.97518	Two-way stop	HCM 6th Edition	SB U-T	0.000	8.6	A
5	Median Opening 29.65684, -89.97295	Two-way stop	HCM 6th Edition	SEB U-T	0.000	8.6	A
6	Median Opening/Entrance 29.65203, -89.96986	Two-way stop	HCM 6th Edition	NEB Left	0.007	10.4	B
7	Ironton Rd	Two-way stop	HCM 6th Edition	SWB Left	0.008	10.6	B
8	Plaquemines Parish Access	Two-way stop	HCM 6th Edition	NEB Left	0.007	10.3	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report**Intersection 1: Ravenna Rd.**

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 11.7
 Level Of Service: B
 Volume to Capacity (v/c): 0.009

Intersection Setup

Name	LA 23			LA 23			Ravenna Rd			Ravenna Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	200.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00			65.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	LA 23			LA 23			Ravenna Rd			Ravenna Rd		
Base Volume Input [veh/h]	5	239	5	5	178	5	5	5	5	5	5	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	5.60	5.60	6.50	6.50	2.00	2.00	2.00	2.00	6.50	6.50	6.50
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	239	5	5	178	5	5	5	5	5	5	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	60	1	1	45	1	1	1	1	1	1	1
Total Analysis Volume [veh/h]	5	239	5	5	178	5	5	5	5	5	5	5
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			Yes	Yes
Storage Area [veh]	0	0	2	2
Two-Stage Gap Acceptance			Yes	Yes
Number of Storage Spaces in Median	0	0	1	1

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
d_M, Delay for Movement [s/veh]	7.60	0.00	0.00	7.81	0.00	0.00	10.67	11.57	8.87	11.04	11.68	9.11
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.01	0.01	0.00	0.01	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05
95th-Percentile Queue Length [ft/ln]	0.27	0.14	0.00	0.29	0.00	0.00	1.28	1.28	1.28	1.33	1.33	1.33
d_A, Approach Delay [s/veh]	0.15			0.21			10.37			10.61		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	0.84											
Intersection LOS	B											

Intersection Level Of Service Report

Intersection 2: Greenhouse Access

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 8.8
 Level Of Service: A
 Volume to Capacity (v/c): 0.001

Intersection Setup

Name	LA 23		LA 23		Greenhouse	
Approach	Northbound		Southbound		Northeastbound	
Lane Configuration	↑↑		↑↑		↑	
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	LA 23		LA 23		Greenhouse	
Base Volume Input [veh/h]	0	249	188	0	0	1
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	5.60	6.40	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	249	188	0	0	1
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	62	47	0	0	0
Total Analysis Volume [veh/h]	0	249	188	0	0	1
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	0.00	0.00	0.00	0.00	0.00	8.82
Movement LOS		A	A	A		A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.08
d_A, Approach Delay [s/veh]	0.00		0.00		8.82	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.02					
Intersection LOS	A					

Intersection Level Of Service Report

Intersection 3: Ram Terminals DW 2

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 10.5
 Level Of Service: B
 Volume to Capacity (v/c): 0.008

Intersection Setup

Name	LA 23		LA 23		Driveway 2	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	LA 23		LA 23		Driveway 2	
Base Volume Input [veh/h]	241	5	6	182	5	8
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	6.50	2.00	6.50	2.00	2.00	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	241	5	6	182	5	8
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	60	1	2	46	1	2
Total Analysis Volume [veh/h]	241	5	6	182	5	8
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			Yes
Storage Area [veh]	0	0	1
Two-Stage Gap Acceptance			Yes
Number of Storage Spaces in Median	0	0	1

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.01	0.01
d_M, Delay for Movement [s/veh]	0.00	0.00	7.81	0.00	10.49	9.00
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.01	0.01	0.03	0.03
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.35	0.18	0.67	0.67
d_A, Approach Delay [s/veh]	0.00		0.25		9.58	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.38					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 4: Median Opening 29.66161, -89.97518

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	LA 23		LA 23	
Approach	Southbound		Northwestbound	
Lane Configuration				
Turning Movement	U-turn	Thru	U-turn	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00	
Grade [%]	0.00		0.00	
Crosswalk	No		No	

Volumes

Name	LA 23		LA 23	
Base Volume Input [veh/h]	0	187	0	246
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	6.50	2.00	6.50
Growth Rate	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0
Other Volume [veh/h]	0	0	0	0
Total Hourly Volume [veh/h]	0	187	0	246
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	47	0	62
Total Analysis Volume [veh/h]	0	187	0	246
Pedestrian Volume [ped/h]	0		0	

Intersection Settings

Priority Scheme	Free	Free
Flared Lane		
Storage Area [veh]	0	0
Two-Stage Gap Acceptance		
Number of Storage Spaces in Median	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.59	0.00	8.30	0.00
Movement LOS	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	0.00		0.00	
Approach LOS	A		A	
d_I, Intersection Delay [s/veh]	0.00			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 5: Median Opening 29.65684, -89.97295

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	LA 23		LA 23	
Approach	Northwestbound		Southeastbound	
Lane Configuration				
Turning Movement	U-turn	Thru	U-turn	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00
Speed [mph]	65.00		65.00	
Grade [%]	0.00		0.00	
Crosswalk	No		No	

Volumes

Name	LA 23		LA 23	
Base Volume Input [veh/h]	0	245	0	191
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	5.70	2.00	6.80
Growth Rate	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0
Other Volume [veh/h]	0	0	0	0
Total Hourly Volume [veh/h]	0	245	0	191
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	61	0	48
Total Analysis Volume [veh/h]	0	245	0	191
Pedestrian Volume [ped/h]	0		0	

Intersection Settings

Priority Scheme	Free	Free
Flared Lane		
Storage Area [veh]	0	0
Two-Stage Gap Acceptance		
Number of Storage Spaces in Median	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.32	0.00	8.59	0.00
Movement LOS	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	0.00		0.00	
Approach LOS	A		A	
d_I, Intersection Delay [s/veh]	0.00			
Intersection LOS	A			

Intersection Level Of Service Report**Intersection 6: Median Opening/Entrance 29.65203, -89.96986**

Control Type:	Two-way stop	Delay (sec / veh):	10.4
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.007

Intersection Setup

Name	29.65203, -89.96986		LA 23		LA 23	
Approach	Northeastbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	29.65203, -89.96986		LA 23		LA 23	
Base Volume Input [veh/h]	5	5	5	251	198	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	6.80	7.10	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	5	5	251	198	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	1	1	63	50	1
Total Analysis Volume [veh/h]	5	5	5	251	198	5
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.38	8.87	7.65	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.56	0.56	0.28	0.14	0.00	0.00
d_A, Approach Delay [s/veh]	9.63		0.15		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.29					
Intersection LOS	B					

Intersection Level Of Service Report**Intersection 7: Ironton Rd**

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 1 hour

Delay (sec / veh): 10.6
 Level Of Service: B
 Volume to Capacity (v/c): 0.008

Intersection Setup

Name	Ironton Rd		LA 23		LA 23	
Approach	Southwestbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Ironton Rd		LA 23		LA 23	
Base Volume Input [veh/h]	5	5	246	8	6	192
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	6.00	2.00	2.00	6.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	5	246	8	6	192
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	1	62	2	2	48
Total Analysis Volume [veh/h]	5	5	246	8	6	192
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.55	9.02	0.00	0.00	7.76	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.01	0.01
95th-Percentile Queue Length [ft/ln]	0.58	0.58	0.00	0.00	0.35	0.17
d_A, Approach Delay [s/veh]	9.79		0.00		0.24	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.31					
Intersection LOS	B					

Intersection Level Of Service Report

Intersection 8: Plaquemines Parish Access

Control Type:	Two-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	1 hour	Volume to Capacity (v/c):	0.007

Intersection Setup

Name	Plaquemines Parish Access		LA 23		LA 23	
Approach	Northeastbound		Northwestbound		Southeastbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	25.00		65.00		65.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Plaquemines Parish Access		LA 23		LA 23	
Base Volume Input [veh/h]	5	5	5	249	192	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	4.70	4.60	2.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	5	5	249	192	5
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	1	1	62	48	1
Total Analysis Volume [veh/h]	5	5	5	249	192	5
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	Yes		
Storage Area [veh]	1	0	0
Two-Stage Gap Acceptance	Yes		
Number of Storage Spaces in Median	1	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.35	8.86	7.63	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.56	0.56	0.27	0.14	0.00	0.00
d_A, Approach Delay [s/veh]	9.60		0.15		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.29					
Intersection LOS	B					

Mid Barataria Traffic Stuffy

Vistro File: M:\...\Mid Barataria.vistro

Scenario 2 Existing PM Peak

Report File: C:\...\Existing PM Peak.pdf

7/16/2018

Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Ravenna Rd.	5	239	5	5	178	5	5	5	5	5	5	5	467

ID	Intersection Name	Northbound		Southbound		Northeastbound	Total Volume
		Thru		Thru	Right	Right	
2	Greenhouse Access	249		188	0	1	438

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
3	Ram Terminals DW 2	241	5	6	182	5	8	447

ID	Intersection Name	Southbound		Northwestbound		Total Volume
		U-T	Thru	U-T	Thru	
4	Median Opening 29.66161, -89.97518	0	187	0	246	433

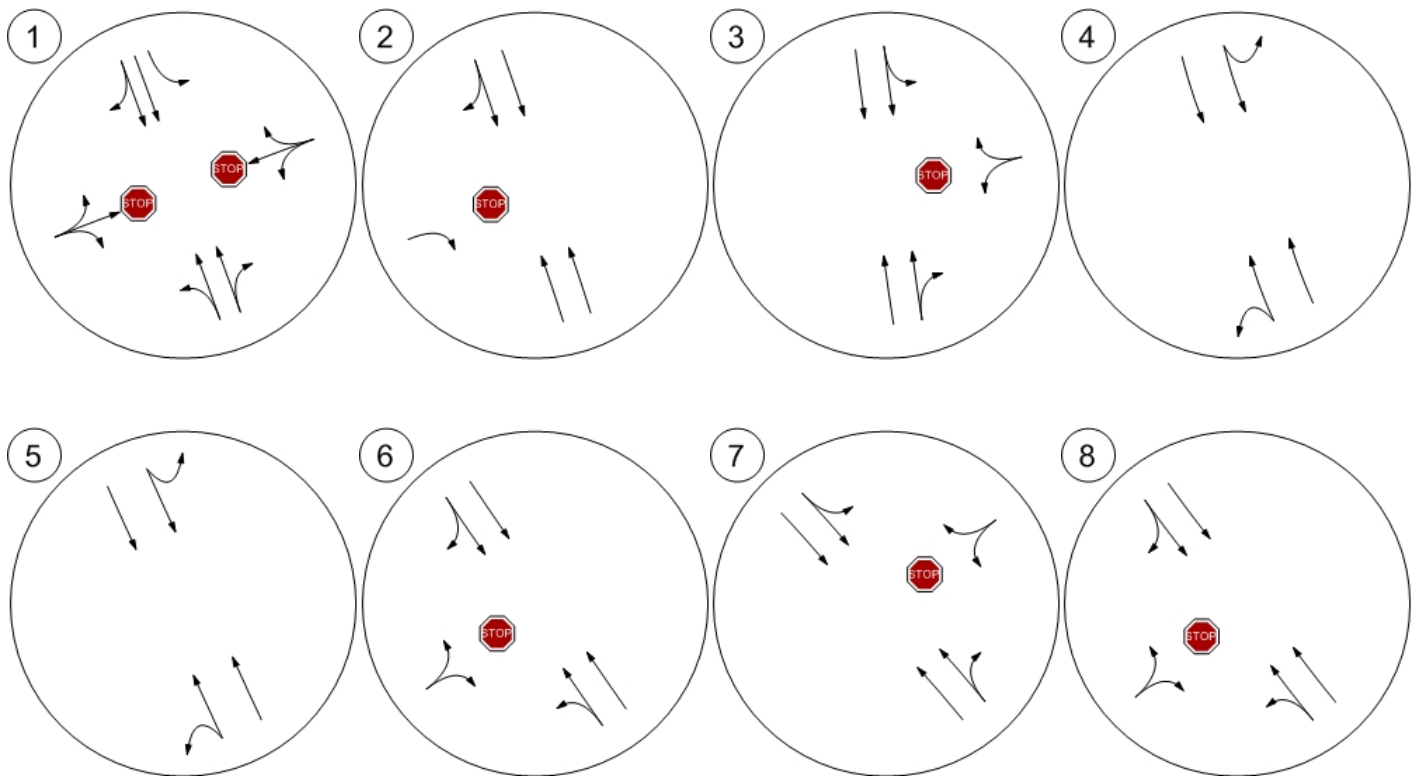
ID	Intersection Name	Northwestbound		Southeastbound		Total Volume
		U-T	Thru	U-T	Thru	
5	Median Opening 29.65684, -89.97295	0	245	0	191	436

ID	Intersection Name	Northeastbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Left	Thru	Thru	Right	
6	Median Opening/Entrance 29.65203, -89.96986	5	5	5	251	198	5	469

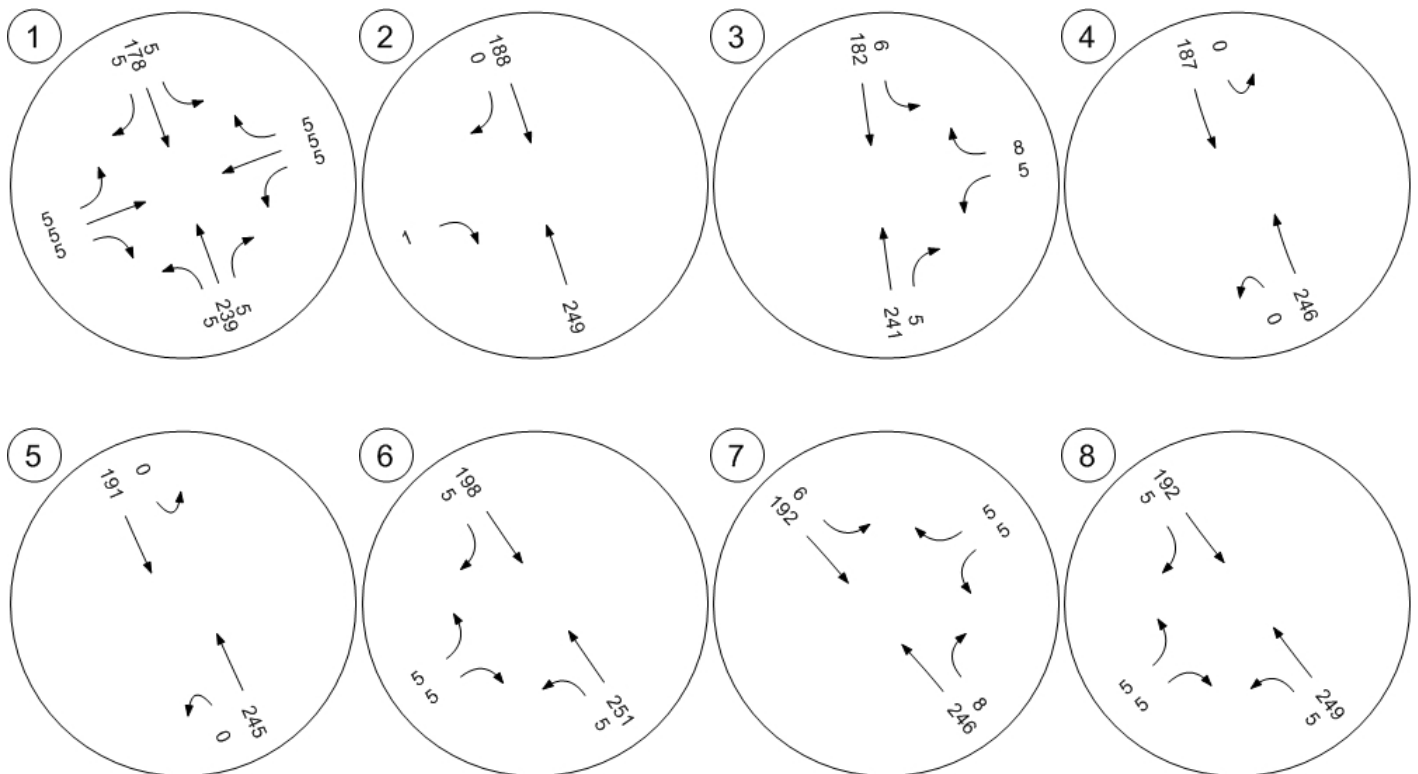
ID	Intersection Name	Southwestbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
7	Ironton Rd	5	5	246	8	6	192	462

ID	Intersection Name	Northeastbound		Northwestbound		Southeastbound		Total Volume
		Left	Right	Left	Thru	Thru	Right	
8	Plaquemines Parish Access	5	5	5	249	192	5	461

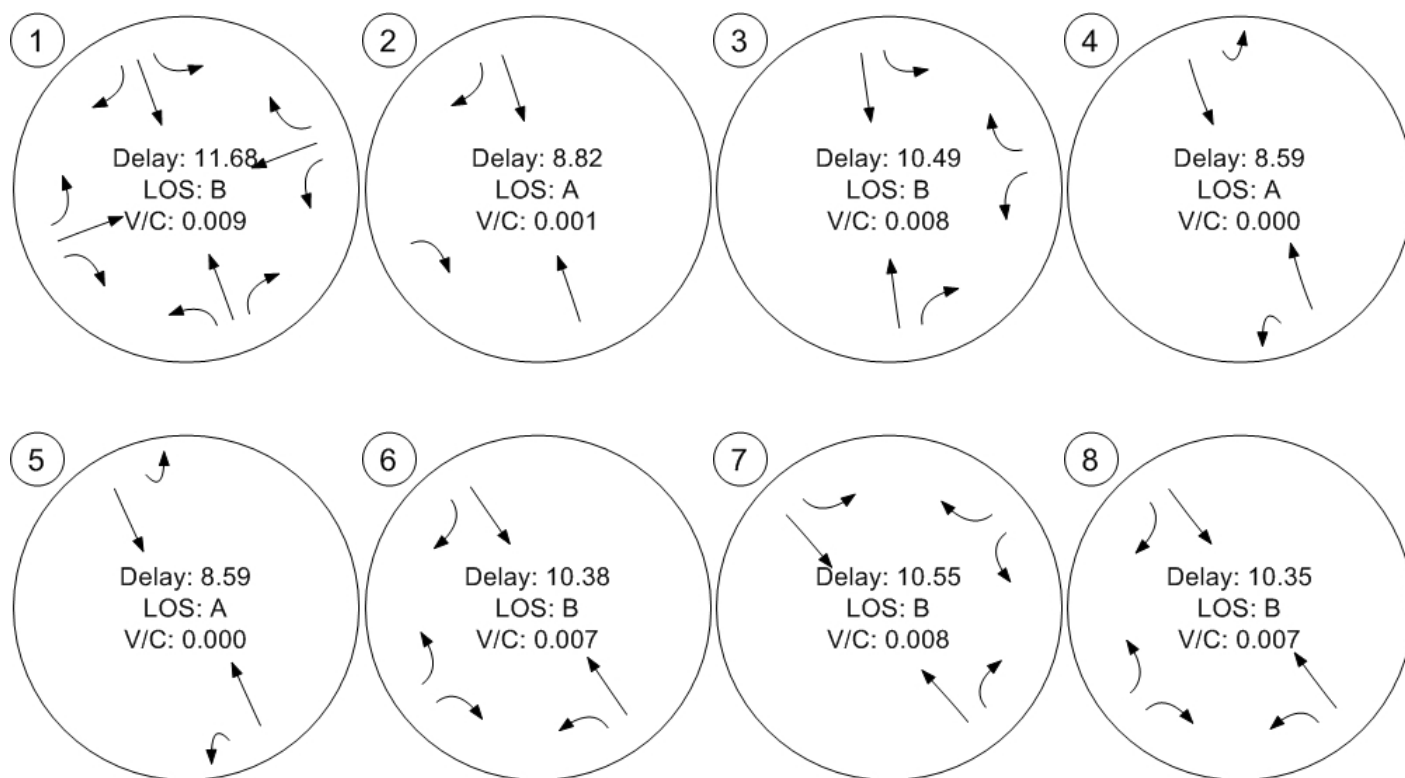
Lane Configuration and Traffic Control



Traffic Volume - Base Volume



Traffic Conditions





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