University of Louisiana at Lafayette Pedestrian and Bicycle Study

Fall 2024

UNIVERSITY of LOUISIANA LAFAYETTE

Office of Sustainability and Community Engagement

Introduction
2024 Pedestrian and Bicycle Study

The Office of Sustainability and Community Engagement conducted the first **Pedestrian and Bicycle Study** in Spring 2022. This initial study focused on measuring the volume and direction of pedestrian traffic at Johnston Street intersections to evaluate current conditions and identify potential solutions to improve safety and quality of life for pedestrians, cyclists, and drivers at critical pedestrian corridors.

The second Pedestrian and Bicycle Study took place in Fall 2024, after the Health Sciences Campus opened on the north side of Johnston Street. Volunteers, following American Planning Association (APA) standards, used counters to tally every pedestrian crossing their assigned sections during 15-minute intervals along Johnston St. and University Ave.

2024 Study Timeframe

Day 1 of the Study:
Wednesday, October 30, 2024

Day 2 of the Study:
Thursday, November 7, 2024

The Office of Sustainability and Community Engagement defines expanding access to safe and sustainable, active transportation options for students, faculty, and staff as a priority transportation objective in it's Sustainability Strategic Plan.

UL Lafayette has been recognized by the League of American Bicyclists since 2015 for maintaining campuses that encourage biking and rider safety. In 2024, the University achived its first silver ranking.

2024 Study Area:

- Johnston + St. Mary
- Johnston + University
- Hebrard + University
- McKinley + University
- Johnston St. Midblock
- University Ave. Midblock

Data Studied and Collected in the 2024 Study:

Quantitative and Qualitative Data

- Pedestrian Counts
- Bicycle Counts
- Pedestrian and Bicycle Count Observations
- Motorist Vehicle Behavior Observations
- 2024 Pedestrian and Bicycle Survey
  - Survey Period: Nov 7 - Dec 31

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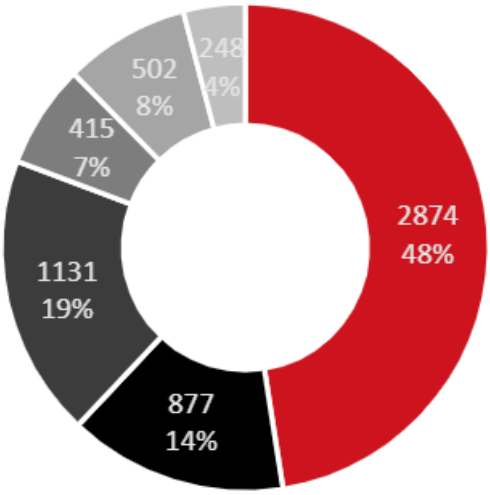
Day 1 : Pedestrian and Bicycle Study

Wednesday, October 30, 2024

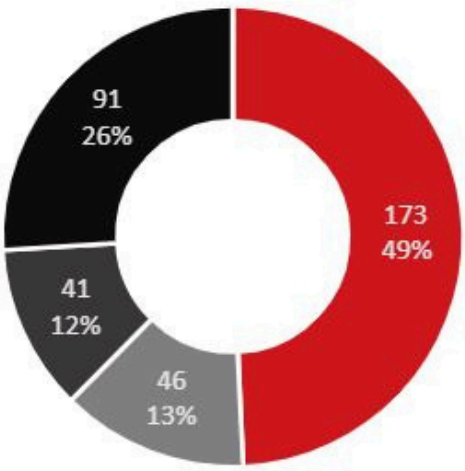
Pedestrian Crossing Count



6047

Pedestrian Crossings on Wednesday, October 30, 2024

Bicycle Count



351

Bicycles/ Scooters on Wednesday, October 30, 2024

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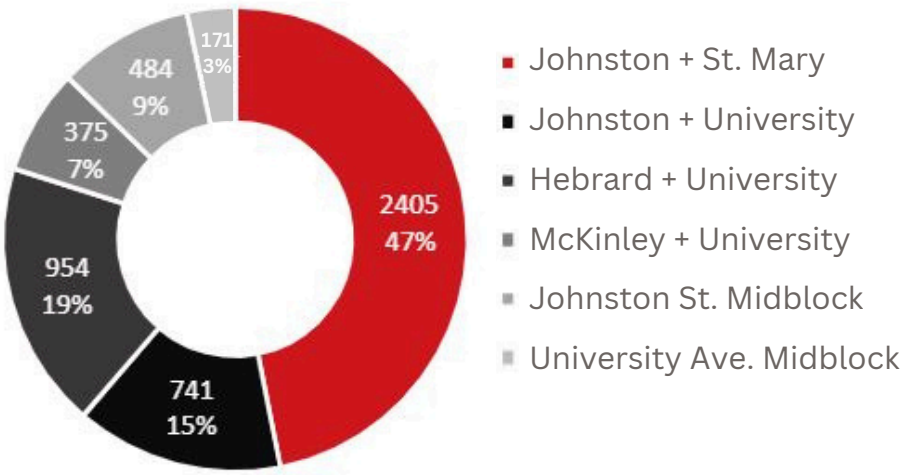
Day 2 : Pedestrian and Bicycle Study

Thursday, November 7, 2024

Pedestrian Crossing Count

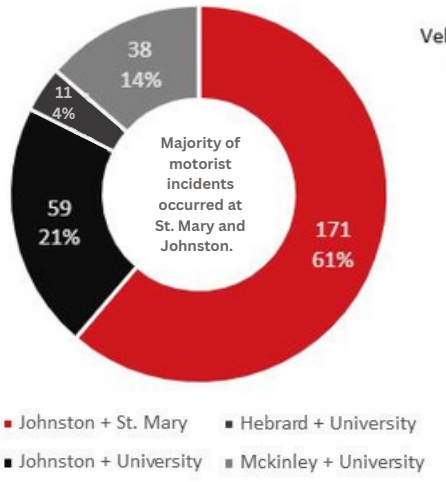


5130

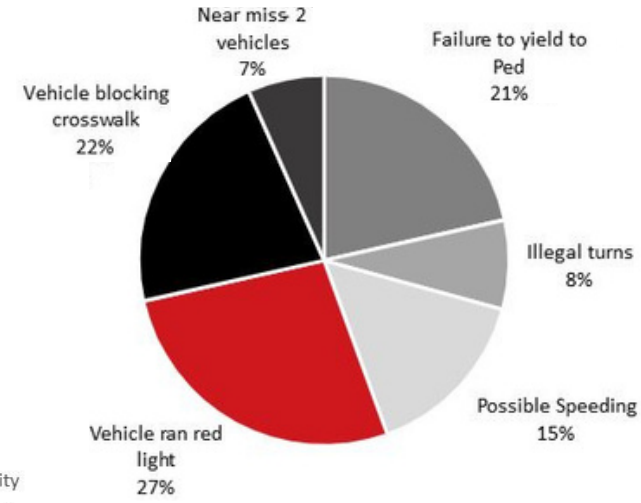
Pedestrian Crossings on Thursday, November 7, 2024

Motorist Behavior

Quantity of Incidents at Each Intersection



Types of Incidents at all Study Intersections



279

Motorist incidents on Thursday, November 7, 2024

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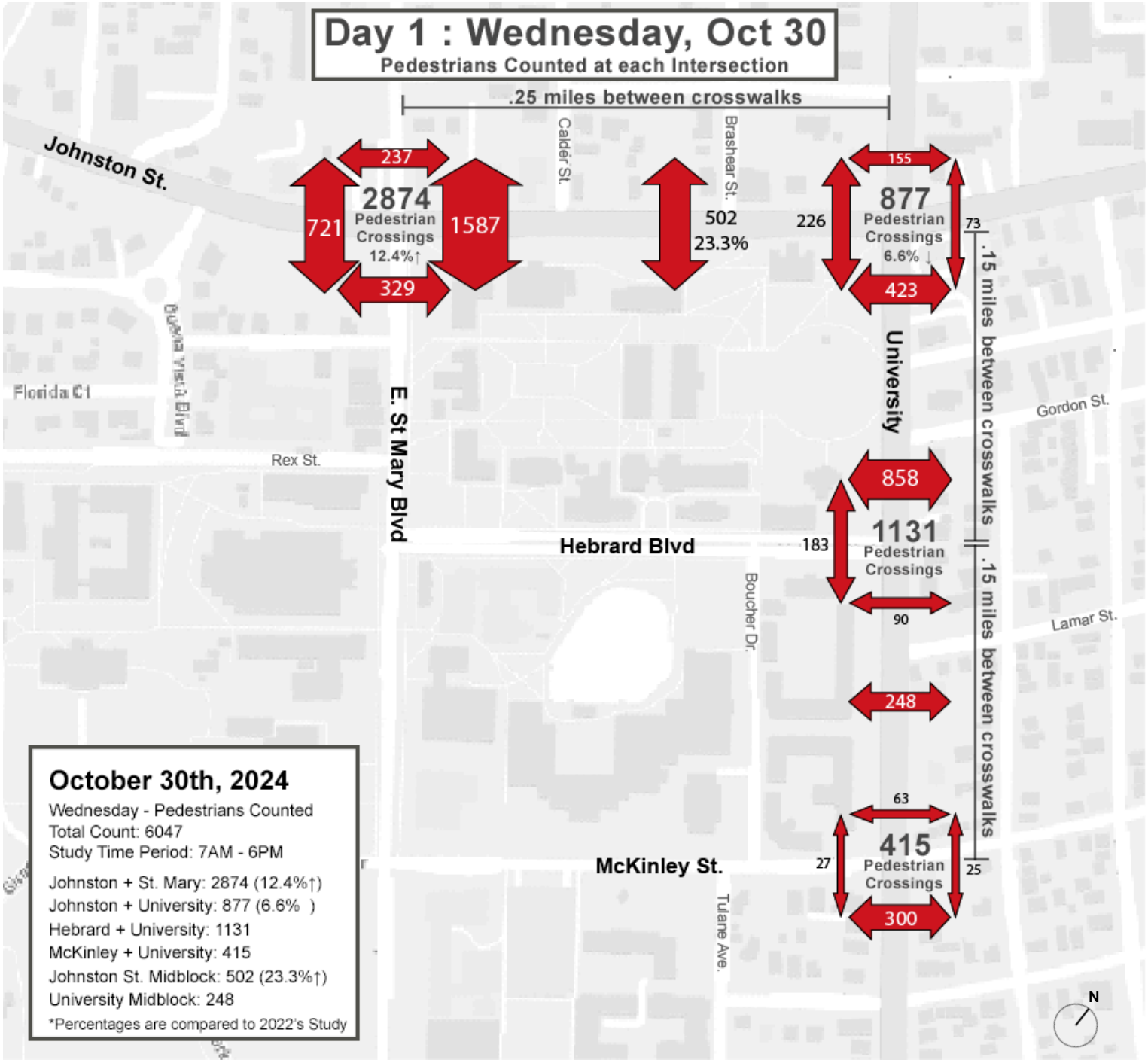

Pedestrian Count Percentage Variations Between the 2022 and 2024

	Thursday 2022	Thursday 2024	Percentage Change	Monday 2022	Wednesday 2024	Percentage Change
Johnston + St Mary	2254	2405	+6.7% ↑	2557	2874	+12.4% ↑
Johnston + University	711	741	+4.2% ↑	939	877	-6.6% ↓
Johnston Midblock	445	484	+8.8% ↑	407	502	+23.3% ↑

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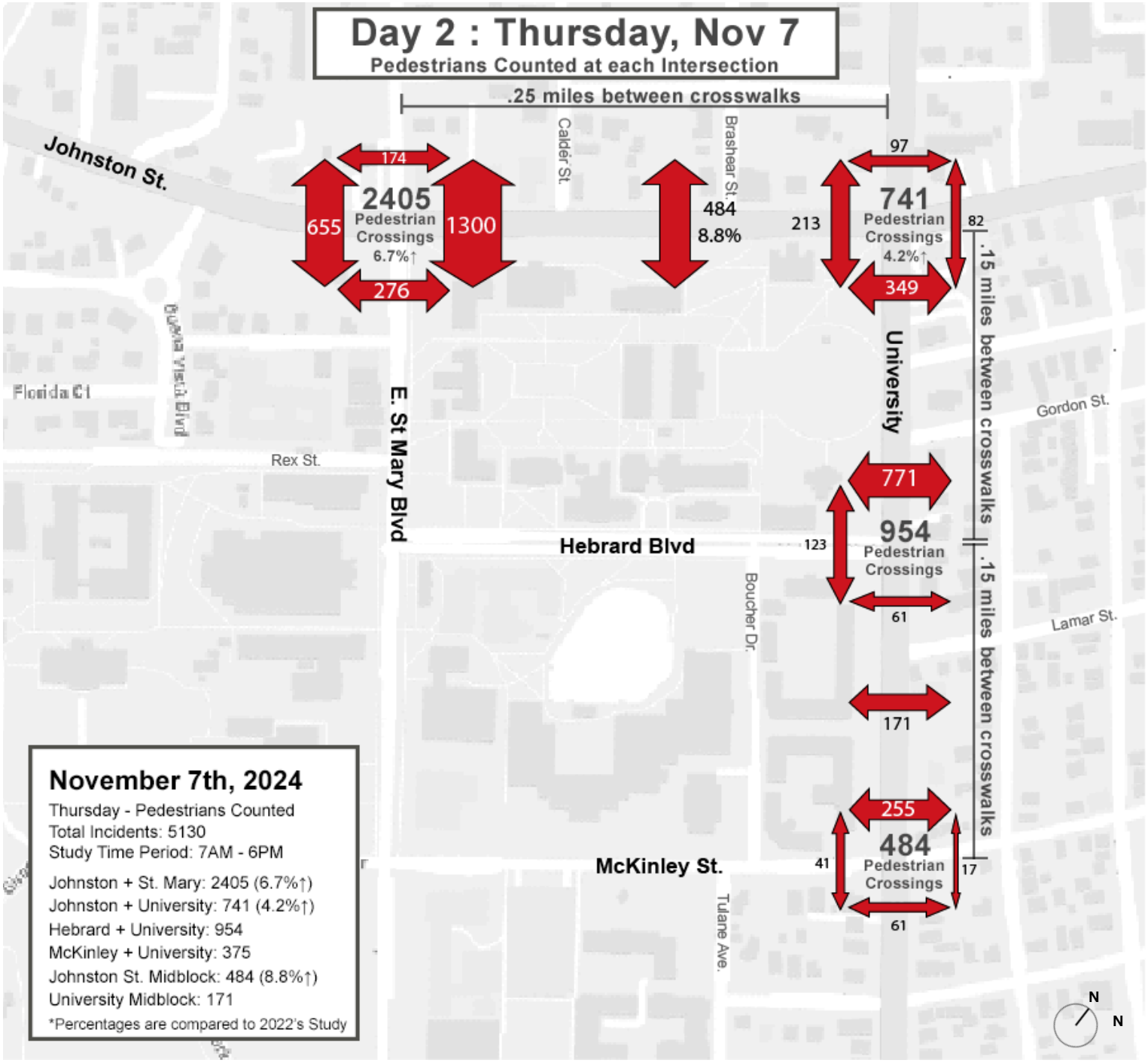

Common Observations noted in the Study:

- Cars turning into pedestrians during the pedestrian signal
- Near misses between pedestrians and vehicles during right and illegal turns
- Illegal left turns from St. Mary to Johnston St both north and south bound
- Pedestrians queuing area full during peak times
- Pedestrian running out of time to cross with current signal timing
- Cars blocking pedestrian crosswalk
- Vehicles running red lights
- Vehicles going above speed limit
- Pedestrians had to step back from buses and vehicles turning on curbs

The distance between signal crossings on Johnston Street is **1,320 feet—a quarter-mile!** For comparison, that's even longer than the Empire State Building's height of 1,250 feet!

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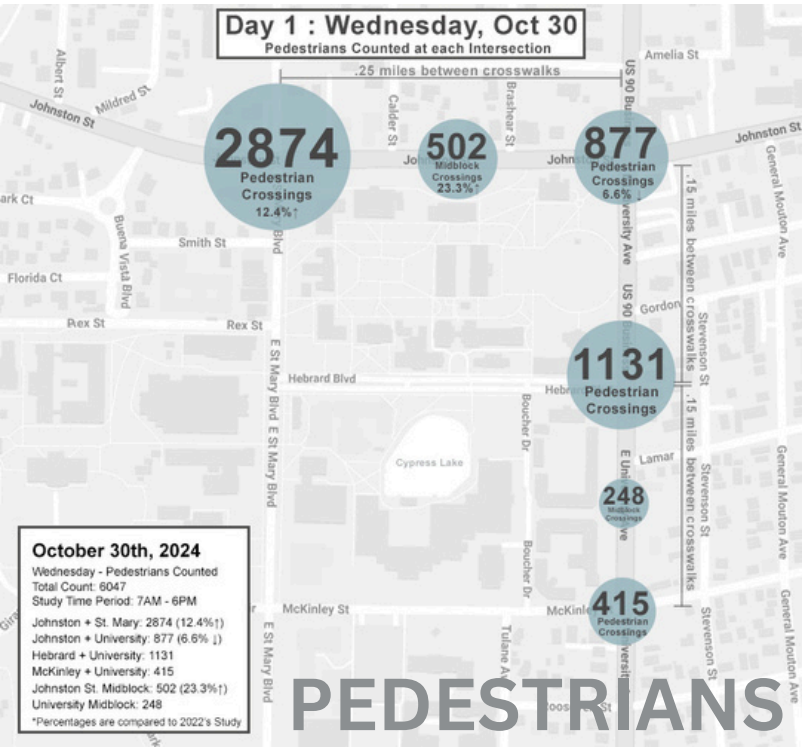
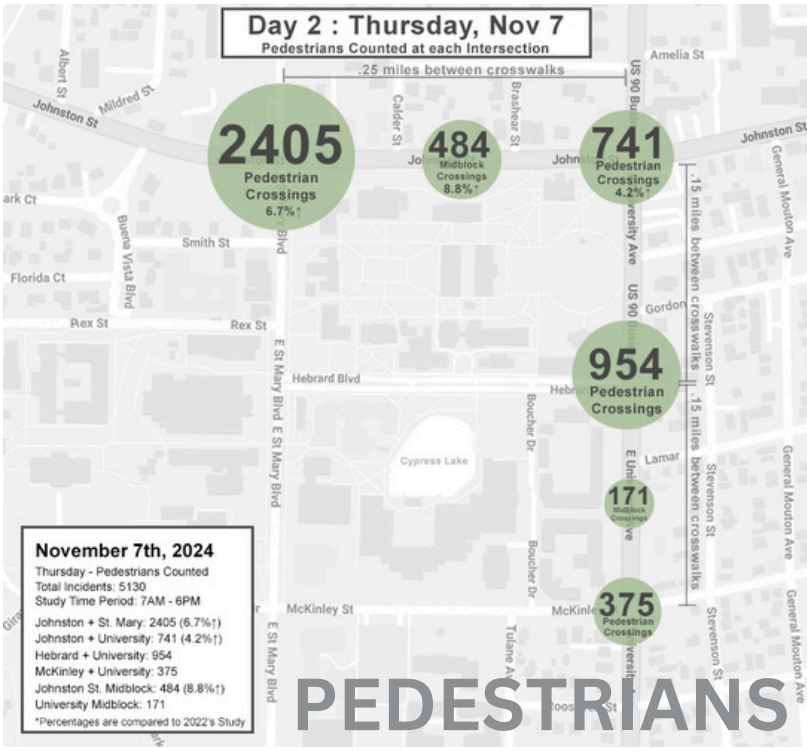
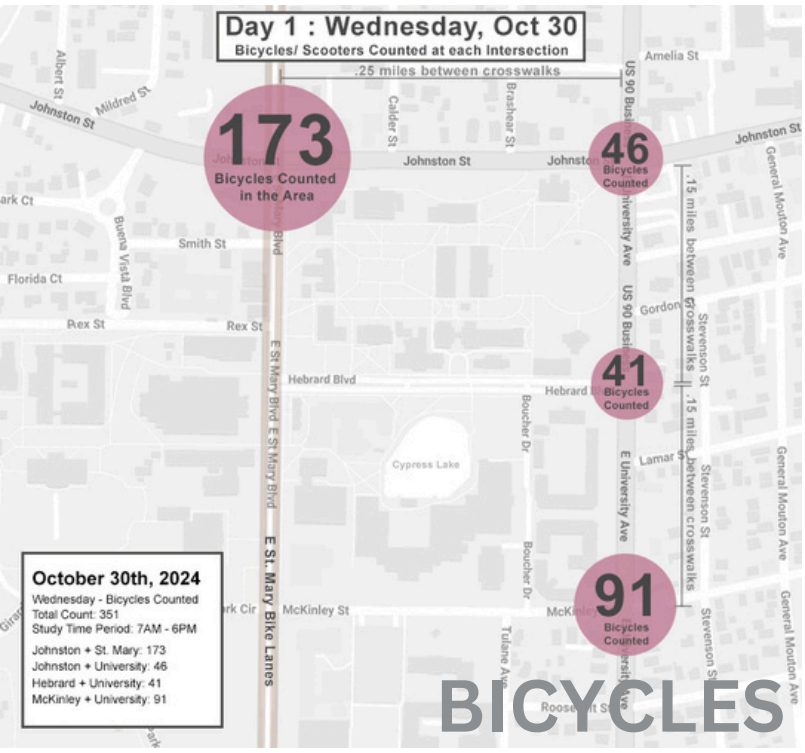
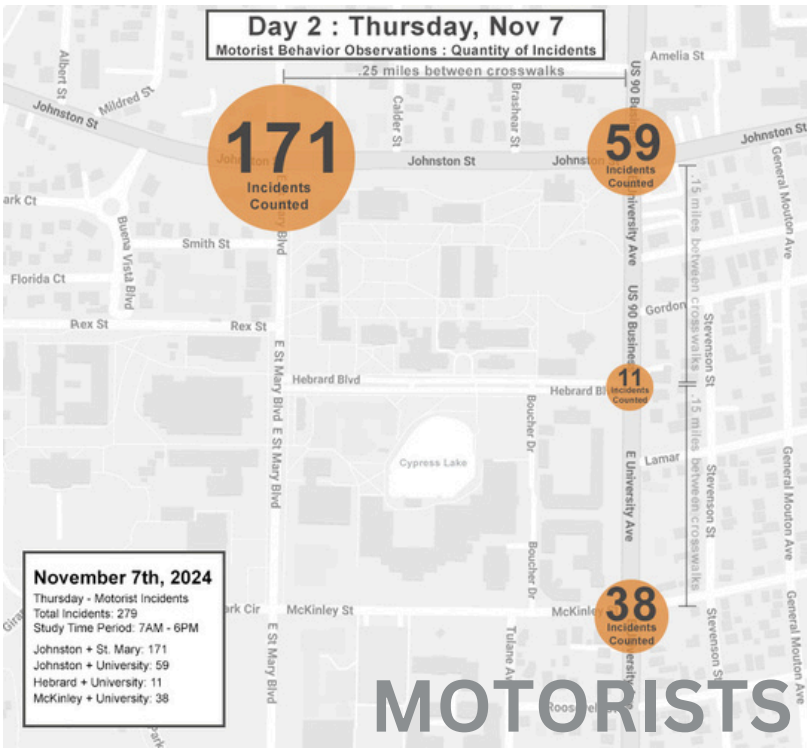
Pedestrian and Bicycle Study

Density Maps









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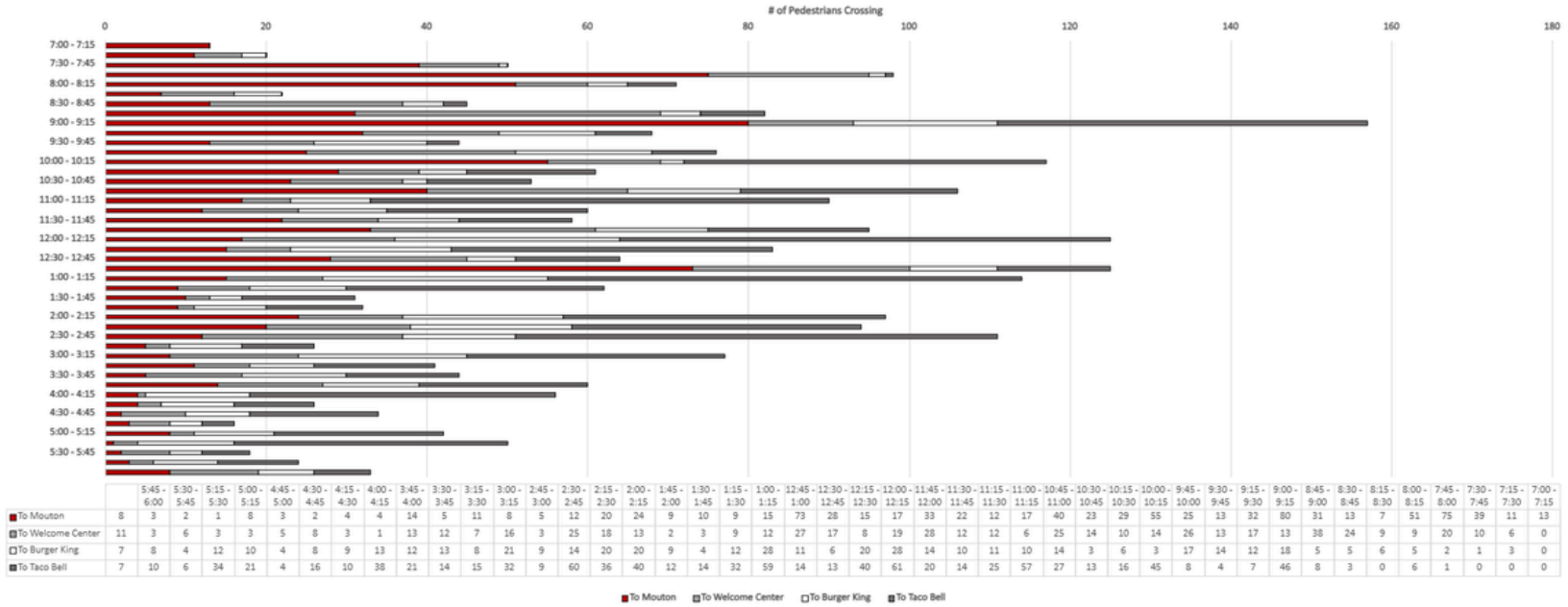
Pedestrian and Bicycle Study

Peak Time Graphics : Day 1 - Wednesday, Oct. 30th

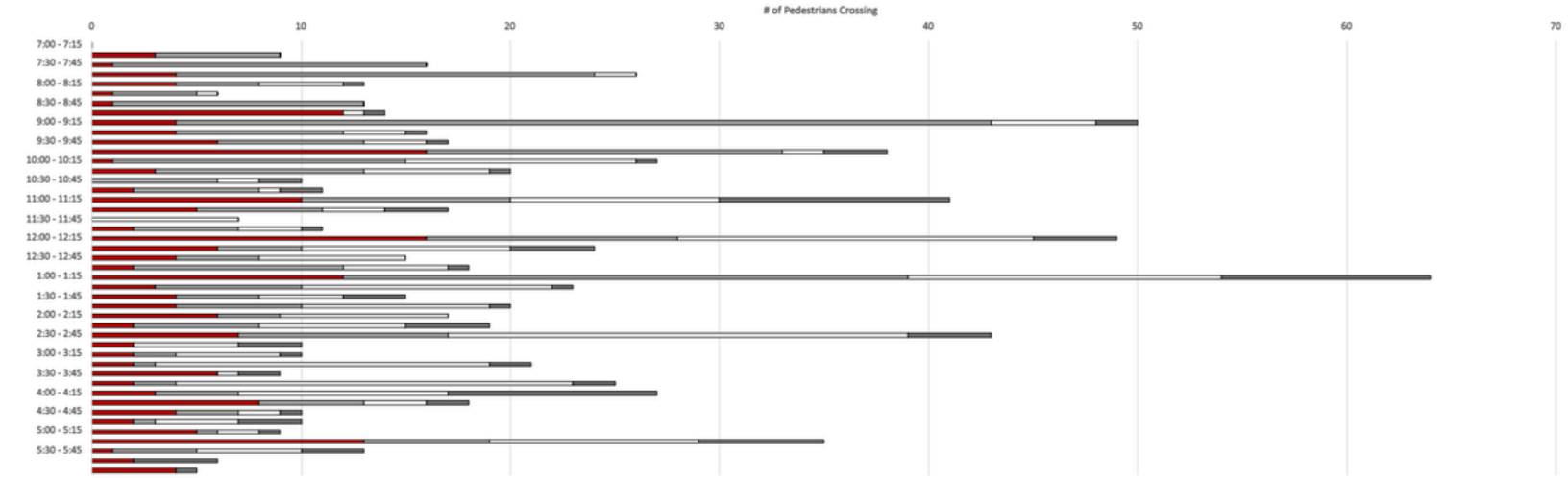
JOHNSTON + ST. MARY



	5:45 - 6:00	5:30 - 5:45	5:15 - 5:30	5:00 - 5:15	4:45 - 5:00	4:30 - 4:45	4:15 - 4:30	4:00 - 4:15	3:45 - 4:00	3:30 - 3:45	3:15 - 3:30	3:00 - 3:15	2:45 - 3:00	2:30 - 2:45	2:15 - 2:30	2:00 - 2:15	1:45 - 2:00	1:30 - 1:45	1:15 - 1:30	1:00 - 1:15	12:45 - 1:00	12:30 - 12:45	12:15 - 12:30	12:00 - 12:15	11:45 - 12:00	11:30 - 11:45	11:15 - 11:30	11:00 - 11:15	10:45 - 11:00	10:30 - 10:45	10:15 - 10:30	10:00 - 10:15	9:45 - 10:00	9:30 - 9:45	9:15 - 9:30	9:00 - 9:15	8:45 - 9:00	8:30 - 8:45	8:15 - 8:30	8:00 - 8:15	7:45 - 8:00	7:30 - 7:45	7:15 - 7:30	7:00 - 7:15
To Mouton	8	3	2	1	8	3	2	4	4	14	5	11	8	5	12	20	24	9	10	9	15	73	28	15	17	33	22	12	17	40	23	29	55	25	13	32	80	31	13	7	51	75	39	11	13
To Welcome Center	11	3	6	3	3	5	8	3	1	13	12	7	16	3	25	18	13	2	3	9	12	27	17	8	19	28	12	12	6	25	14	10	14	26	13	17	13	38	24	9	9	20	10	6	0
To Burger King	7	8	4	12	10	4	8	9	13	12	13	8	21	9	14	20	20	9	4	12	28	11	6	20	28	14	10	11	10	14	3	6	3	17	14	12	18	5	5	6	5	2	1	3	0
To Taco Bell	7	10	6	34	21	4	16	10	38	21	14	15	32	9	60	36	40	12	14	32	59	14	13	40	61	20	14	25	57	27	13	16	45	8	4	7	46	8	3	0	6	1	0	0	0

To Mouton To Welcome Center To Burger King To Taco Bell

JOHNSTON + UNIVERSITY



	5:45 - 6:00	5:30 - 5:45	5:15 - 5:30	5:00 - 5:15	4:45 - 5:00	4:30 - 4:45	4:15 - 4:30	4:00 - 4:15	3:45 - 4:00	3:30 - 3:45	3:15 - 3:30	3:00 - 3:15	2:45 - 3:00	2:30 - 2:45	2:15 - 2:30	2:00 - 2:15	1:45 - 2:00	1:30 - 1:45	1:15 - 1:30	1:00 - 1:15	12:45 - 1:00	12:30 - 12:45	12:15 - 12:30	12:00 - 12:15	11:45 - 12:00	11:30 - 11:45	11:15 - 11:30	11:00 - 11:15	10:45 - 11:00	10:30 - 10:45	10:15 - 10:30	10:00 - 10:15	9:45 - 10:00	9:30 - 9:45	9:15 - 9:30	9:00 - 9:15	8:45 - 9:00	8:30 - 8:45	8:15 - 8:30	8:00 - 8:15	7:45 - 8:00	7:30 - 7:45	7:15 - 7:30	7:00 - 7:15
To Roy House	4	2	1	13	5	2	4	8	3	2	6	2	2	2	7	2	6	4	4	3	12	2	4	6	16	2	0	5	10	2	0	3	1	16	6	4	4	12	1	1	4	4	1	3	0
To Girard Hall	0	0	4	6	1	1	3	5	4	2	0	1	2	0	10	6	3	6	4	7	27	10	4	4	12	5	0	6	10	6	6	10	14	17	7	8	39	0	12	4	4	20	15	6	0
To Dominoes	0	0	5	10	2	4	2	3	10	19	1	16	5	5	22	7	8	9	4	12	15	5	7	10	17	3	7	3	10	1	2	6	11	2	3	3	5	1	0	1	4	2	0	0	0
To Pres. Church	1	4	3	6	1	3	1	2	10	2	2	2	1	3	4	4	0	1	3	1	10	1	0	4	4	1	0	3	11	2	2	1	1	3	1	1	2	1	0	0	1	0	0	0	0

To Roy House To Girard Hall To Dominoes To Pres. Church

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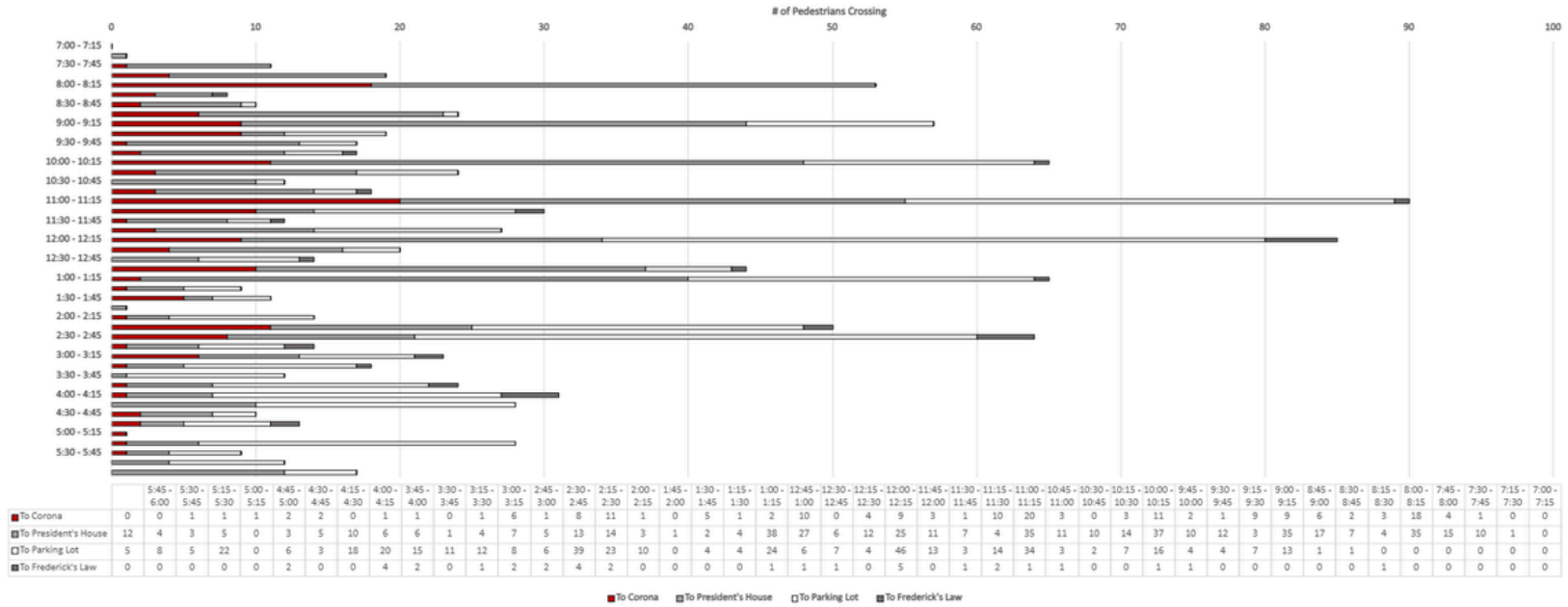
Pedestrian and Bicycle Study

Peak Time Graphics : Day 1 - Wednesday, Oct. 30th

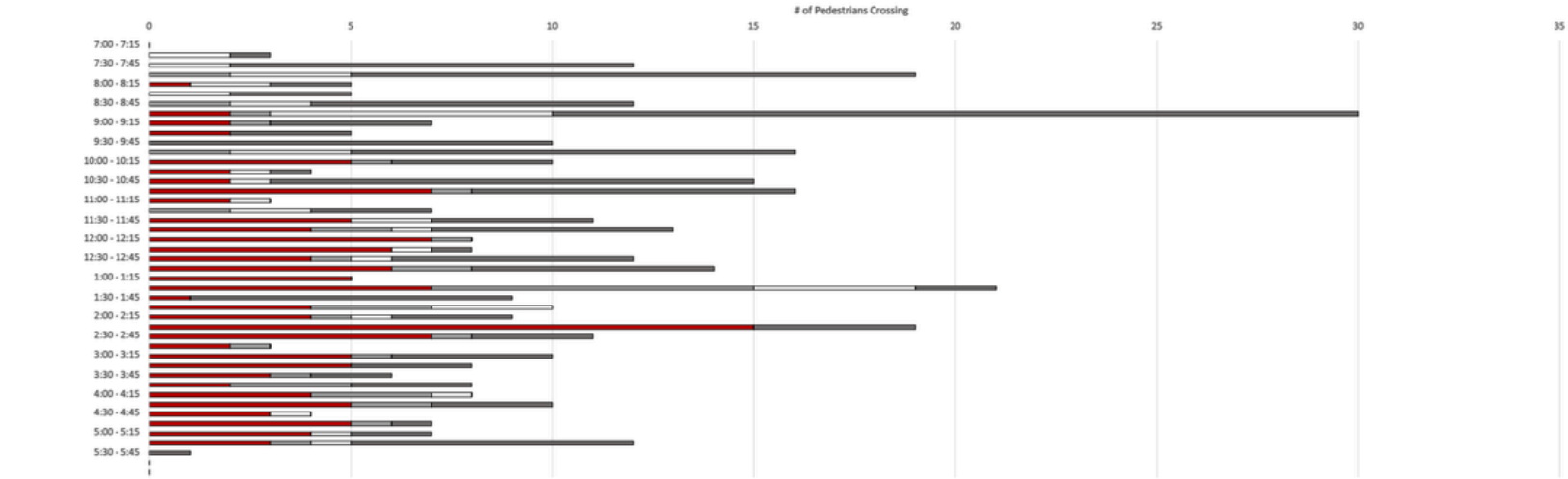
UNIVERSITY + HEBRARD



	5:45 - 6:00	5:30 - 5:45	5:15 - 5:30	5:00 - 5:15	4:45 - 5:00	4:30 - 4:45	4:15 - 4:30	4:00 - 4:15	3:45 - 4:00	3:30 - 3:45	3:15 - 3:30	3:00 - 3:15	2:45 - 3:00	2:30 - 2:45	2:15 - 2:30	2:00 - 2:15	1:45 - 2:00	1:30 - 1:45	1:15 - 1:30	1:00 - 1:15	12:45 - 1:00	12:30 - 12:45	12:15 - 12:30	12:00 - 12:15	11:45 - 12:00	11:30 - 11:45	11:15 - 11:30	11:00 - 11:15	10:45 - 11:00	10:30 - 10:45	10:15 - 10:30	10:00 - 10:15	9:45 - 10:00	9:30 - 9:45	9:15 - 9:30	9:00 - 9:15	8:45 - 9:00	8:30 - 8:45	8:15 - 8:30	8:00 - 8:15	7:45 - 8:00	7:30 - 7:45	7:15 - 7:30	7:00 - 7:15
To Corona	0	0	1	1	1	2	2	0	1	1	0	1	6	1	8	11	1	0	5	1	2	10	0	4	9	3	1	10	20	3	0	3	11	2	1	9	9	6	2	3	18	4	1	0	0
To President's House	12	4	3	5	0	3	5	10	6	6	1	4	7	5	13	14	3	1	2	4	38	27	6	12	25	11	7	4	35	11	10	14	37	10	12	3	35	17	7	4	35	15	10	1	0
To Parking Lot	5	8	5	22	0	6	3	18	20	15	11	12	8	6	39	23	10	0	4	4	24	6	7	4	46	13	3	14	34	3	2	7	16	4	4	7	13	1	1	0	0	0	0	0	0
To Frederick's Law	0	0	0	0	0	2	0	0	4	2	0	1	2	2	4	2	0	0	0	0	1	1	1	0	5	0	1	2	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0

To Corona To President's House To Parking Lot To Frederick's Law

UNIVERSITY + MCKINLEY



	5:45 - 6:00	5:30 - 5:45	5:15 - 5:30	5:00 - 5:15	4:45 - 5:00	4:30 - 4:45	4:15 - 4:30	4:00 - 4:15	3:45 - 4:00	3:30 - 3:45	3:15 - 3:30	3:00 - 3:15	2:45 - 3:00	2:30 - 2:45	2:15 - 2:30	2:00 - 2:15	1:45 - 2:00	1:30 - 1:45	1:15 - 1:30	1:00 - 1:15	12:45 - 1:00	12:30 - 12:45	12:15 - 12:30	12:00 - 12:15	11:45 - 12:00	11:30 - 11:45	11:15 - 11:30	11:00 - 11:15	10:45 - 11:00	10:30 - 10:45	10:15 - 10:30	10:00 - 10:15	9:45 - 10:00	9:30 - 9:45	9:15 - 9:30	9:00 - 9:15	8:45 - 9:00	8:30 - 8:45	8:15 - 8:30	8:00 - 8:15	7:45 - 8:00	7:30 - 7:45	7:15 - 7:30	7:00 - 7:15
To Residential (Across Bee)	0	0	0	3	4	5	3	5	4	2	3	5	5	2	7	15	4	4	1	7	5	6	4	6	7	4	5	0	2	7	2	2	5	0	0	2	2	2	0	0	1	0	0	0	0
To Harris Hall	0	0	0	1	0	1	0	2	3	3	1	0	1	1	1	0	1	3	0	8	0	2	1	0	1	2	0	2	0	1	0	0	1	2	0	0	1	1	2	0	0	2	0	0	0
To Residential (Across Harris)	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	1	3	0	4	0	0	1	1	0	1	2	2	1	0	1	1	0	3	0	0	0	7	2	2	2	3	2	2	0
To Bee Beautiful	0	0	1	7	2	1	0	3	0	3	2	3	4	0	3	4	3	0	8	2	0	6	6	1	0	6	4	3	0	8	12	1	4	11	10	3	4	20	8	3	2	14	10	1	0

To Residential (Across Bee) To Harris Hall To Residential (Across Harris) To Bee Beautiful

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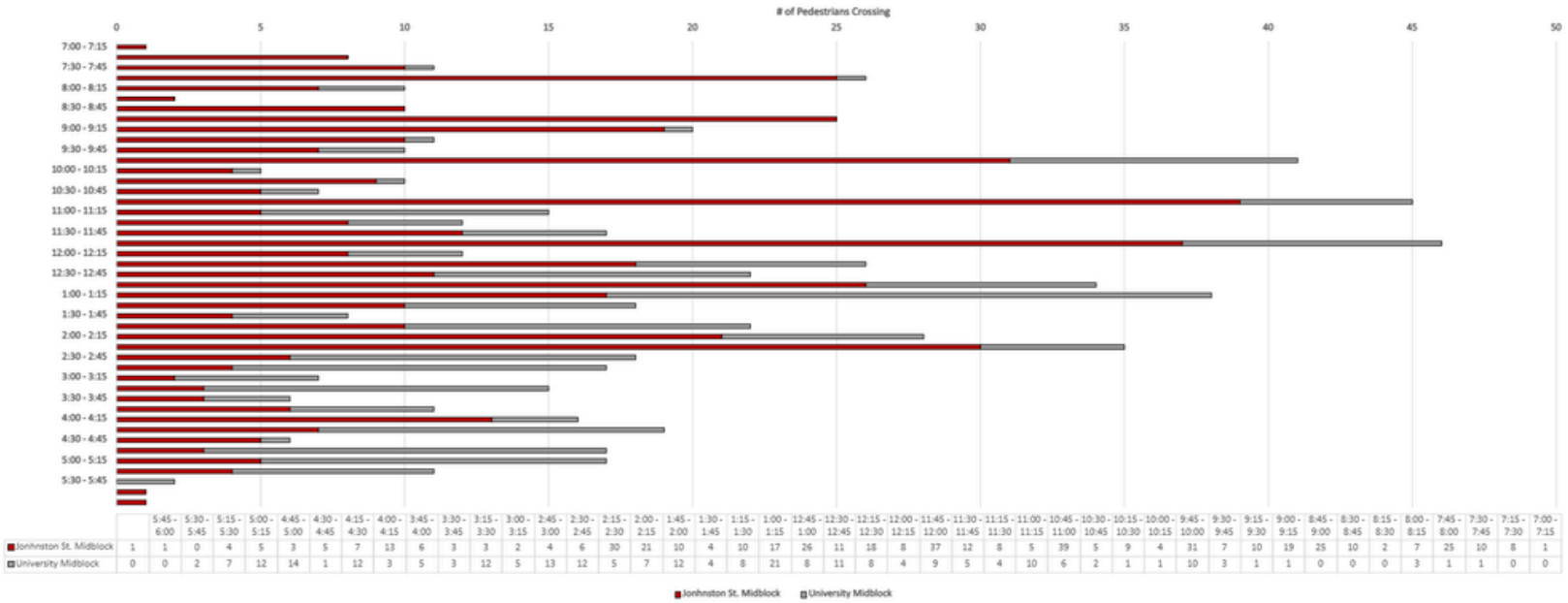
Pedestrian and Bicycle Study

Peak Time Graphics : Day 1 - Wednesday, Oct. 30th

JOHNSTON AND UNIVERSITY MIDBLOCKS



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Jonhnston St. Midblock	1	1	0	4	5	3	5	7	13	6	3	3	2	4	6	30	21	10	4	10	17	26	11	18	8	37	12	8	5	39	5	9	4	31	7	10	19	25	10	2	7	25	10	8	1
University Midblock	0	0	2	7	12	14	1	12	3	5	3	12	5	13	12	5	7	12	4	8	21	8	11	8	4	9	5	4	10	6	2	1	1	10	3	1	1	0	0	0	3	1	1	0	0

PEAK TIME FINDINGS FOR WEDESNDAY, OCT 30TH

Monday / Wednesday / Friday Class Schedules:	Peak Times from the Pesdestrian Count Directly correlates with MWF Class Schedules
08:00 AM - 08:50AM	7:45 - 8:00
09:00 AM - 09:50AM	8:45 - 9:00
10:00 AM - 10:50AM	9:00 - 9:15
11:00 AM - 11:50AM	9:45 - 10:00
12:00 PM - 12:50PM	10:00 - 10:15
1:00 PM - 1:50PM	10:45 - 11:00
2:00 PM - 2:50PM	11:00 - 11:15
3:00 PM - 3:50PM	11:45 - 12:00
4:00 PM - 4:50PM	12:00 - 12:15
	12:15 - 12:30
	12:45 - 1:00
	1:00 - 1:15
	2:00 - 2:15
	2:30 - 2:45
	3:00 - 3:15
	5:00 - 5:15

PEAK TIME FINDINGS FOR **WEDESNDAY, OCT 30TH CORRESPONDS WITH SCHEDULED CLASS TIMES**.

THE MOST CROSSINGS OCCURED WITHIN THE **LUNCH PERIOD BETWEEN 11:45AM - 12:30PM**

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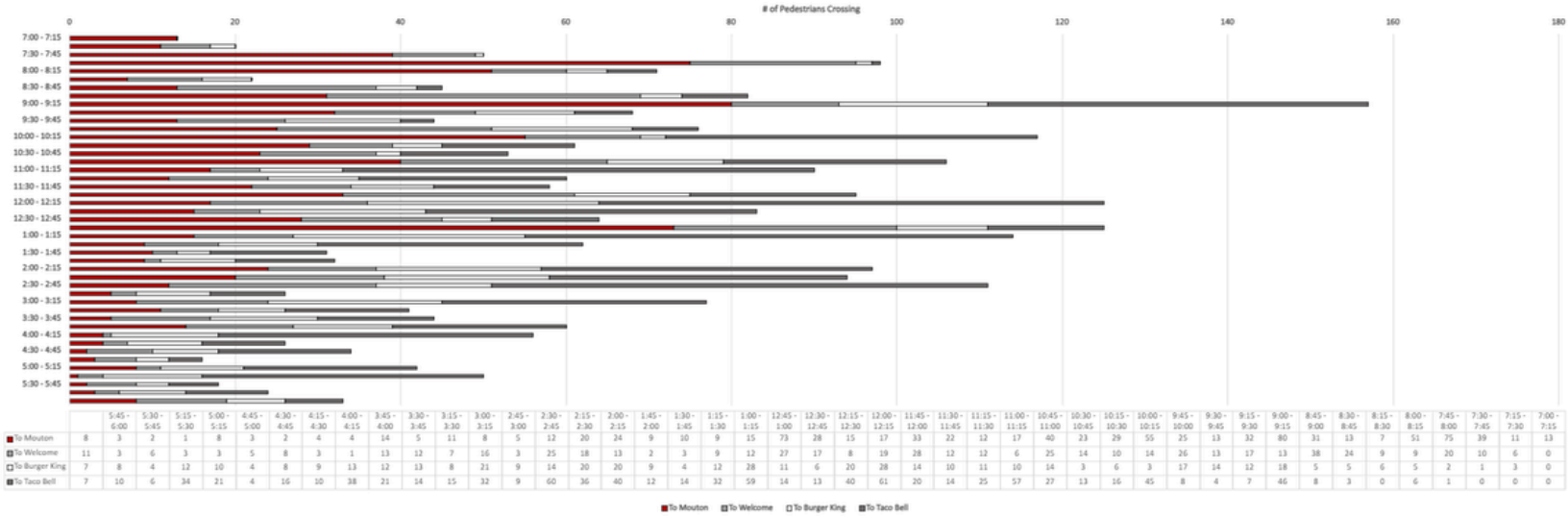
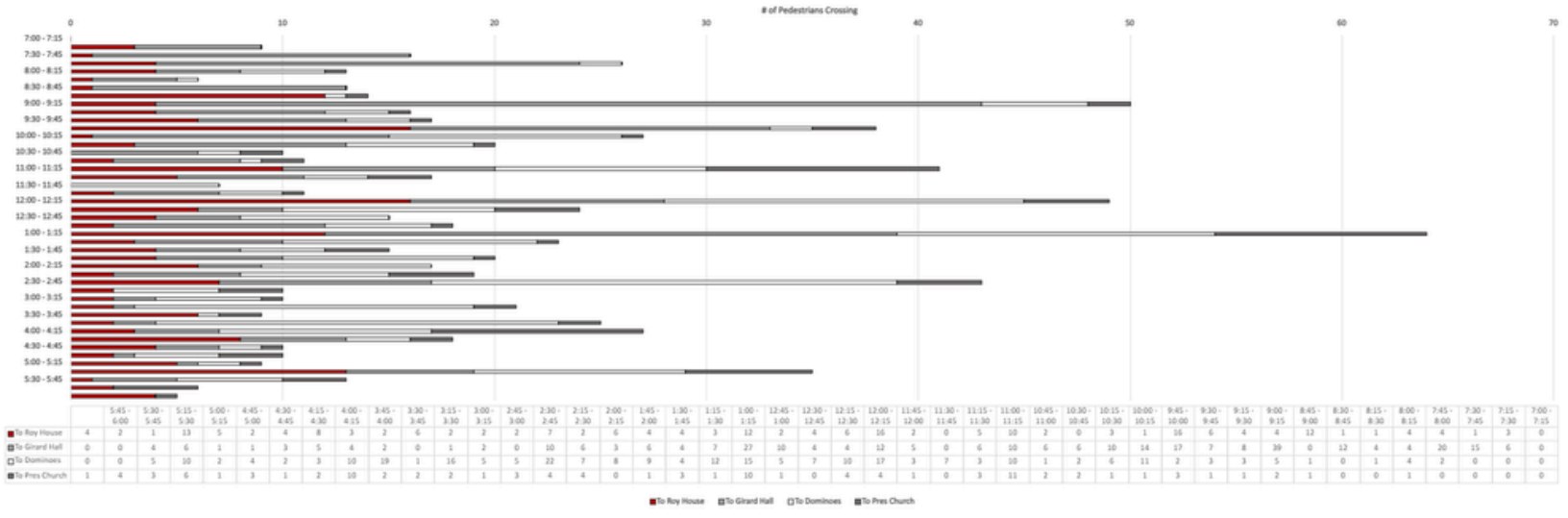
Pedestrian and Bicycle Study

Peak Time Graphics : Day 2 - Thursday, Nov. 7th

JOHNSTON + ST. MARY



JOHNSTON + UNIVERSITY



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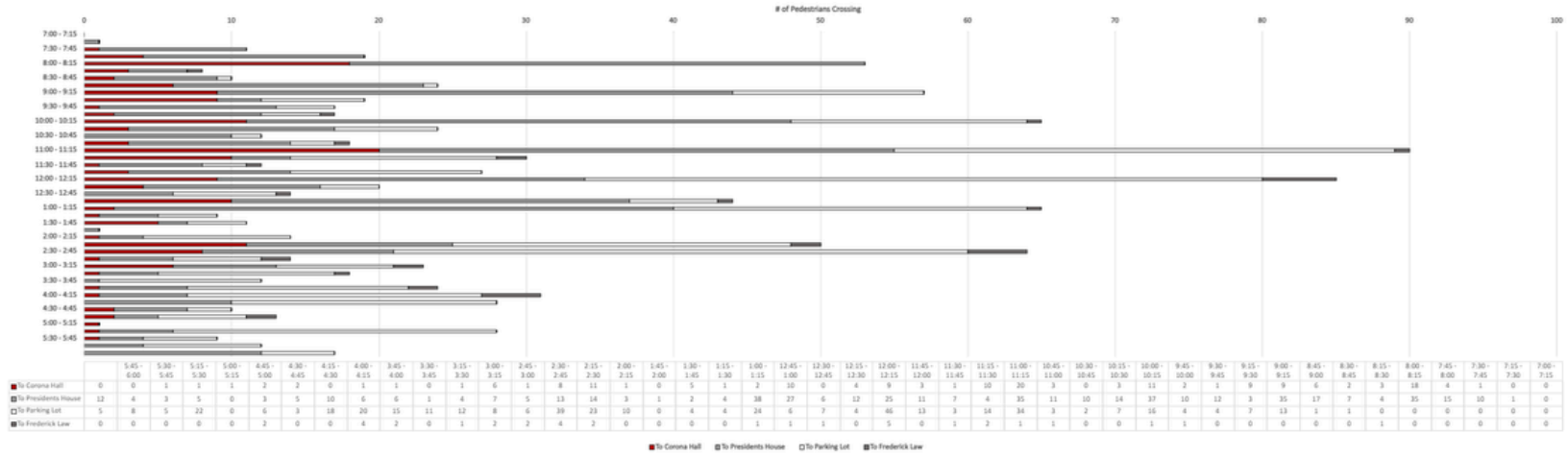
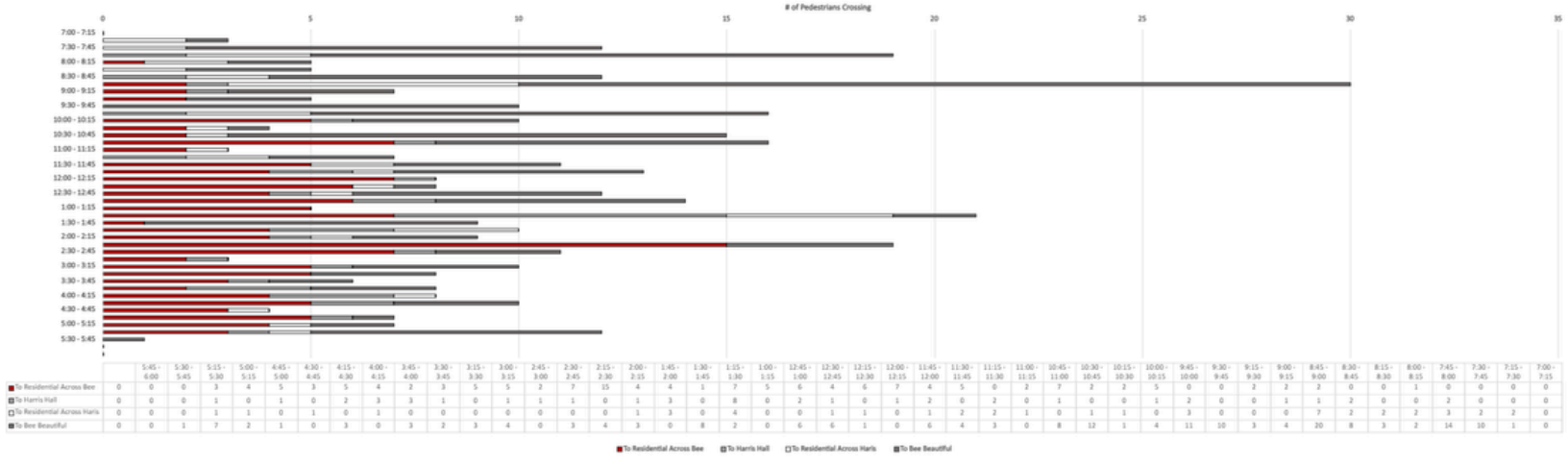
Pedestrian and Bicycle Study

Peak Time Graphics : Day 2 - Thursday, Nov. 7th

UNIVERSITY + HEBRARD



UNIVERSITY + MCKINLEY

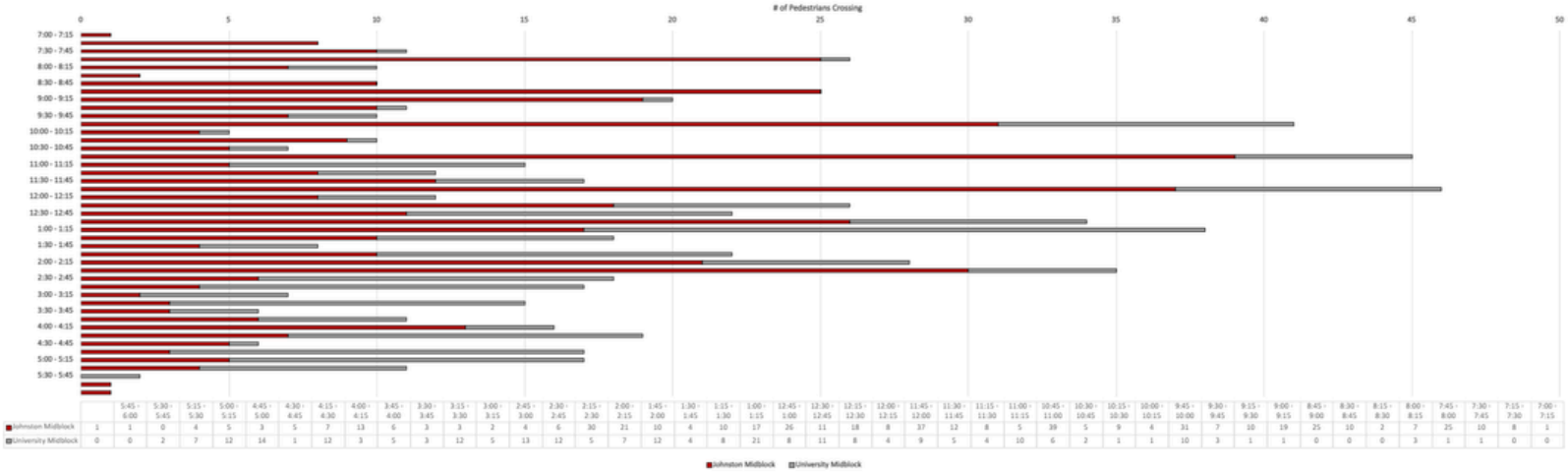


UNIVERSITY of LOUISIANA LAFAYETTE | Office of Sustainability and Community Engagement

Pedestrian and Bicycle Study

Peak Time Graphics : Day 2 - Thursday, Nov. 7th

JOHNSTON AND UNIVERSITY MIDBLOCKS



PEAK TIME FINDINGS FOR THURSDAY, NOV 7TH

Tuesday / Thursday Class Schedules:	Peak Times from the Pesdestrian Count Directly correlates with T/TR Class Schedules
08:00 AM - 09:15AM 9:30 AM - 10:45AM 11:00AM - 12:15PM 12:30PM - 1:45PM 2:15PM - 3:45PM	7:30 - 7:45 7:45 - 8:00 9:15 - 9:30 10:30 - 10:45 10:45 - 11:00 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30 1:45 - 2:00 3:00 - 3:15 3:15 - 3:30

PEAK TIME FINDINGS FOR **THURSDAY, NOV 7TH CORRESPONDS WITH SCHEDULED CLASS TIMES.**

THE MOST CROSSINGS OCCURED WITHIN THE **LUNCH PERIOD BETWEEN 11:45AM - 12:30PM**

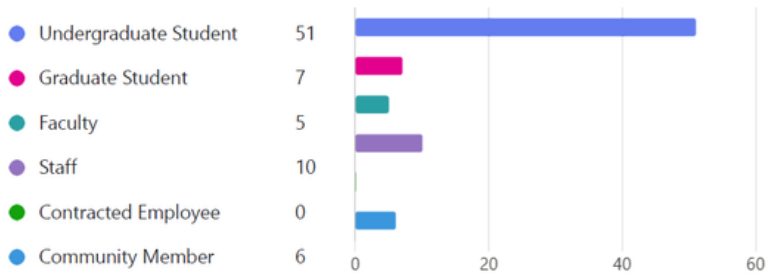
UNIVERSITY of LOUISIANA LAFAYETTE | **Office of Sustainability and Community Engagement**

Pedestrian and Bicycle Study

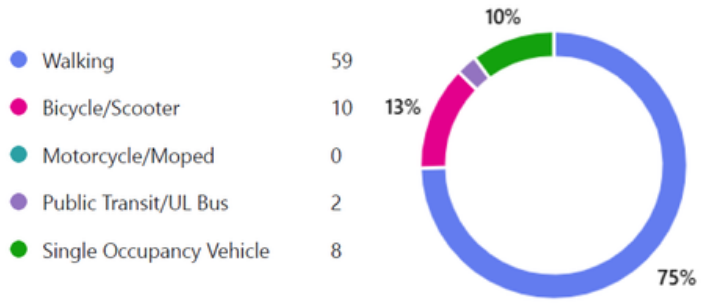
Survey Results - 79 Participants

Survey open from Thursday, Nov. 7 - Tuesday, Dec. 31 2024

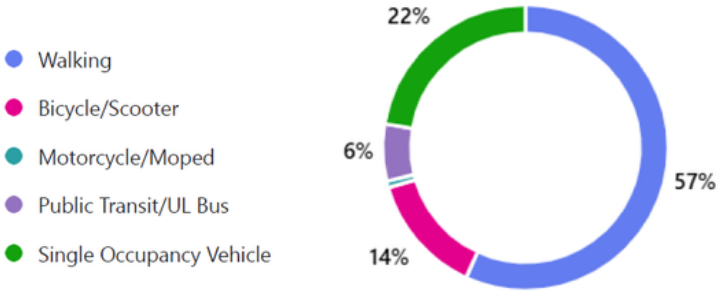
Select the option that best describes you:



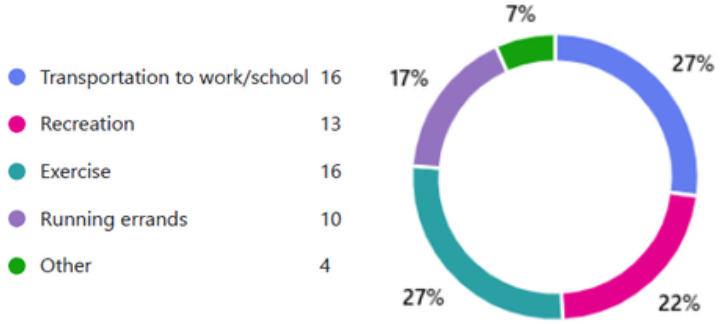
On average, which mode of transportation do you use the **most** to get around campus?



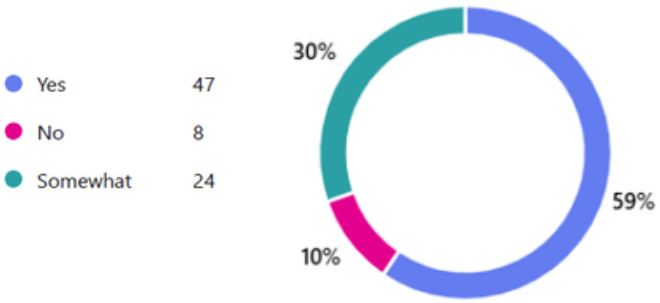
Which **modes of transportation** do you use to get around campus?



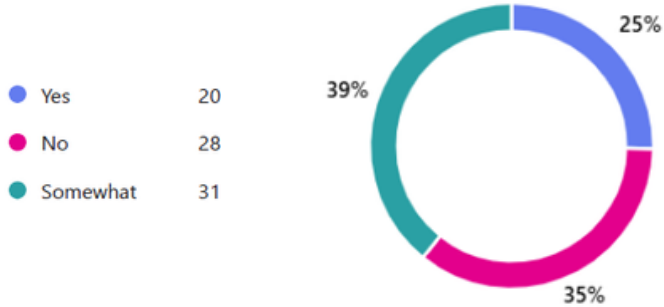
If you bike, what do you use your bike for?



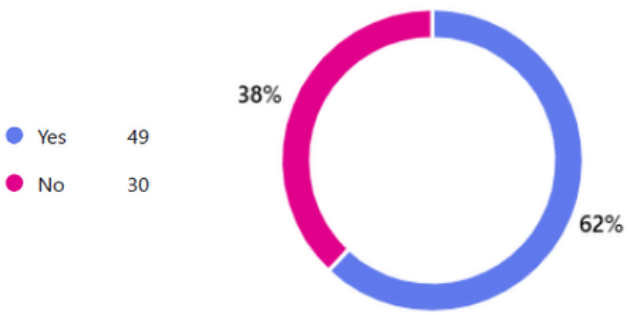
As a pedestrian/cyclist, do you feel safe crossing the intersection of **St. Mary and Rex**? (scrabble crossing)



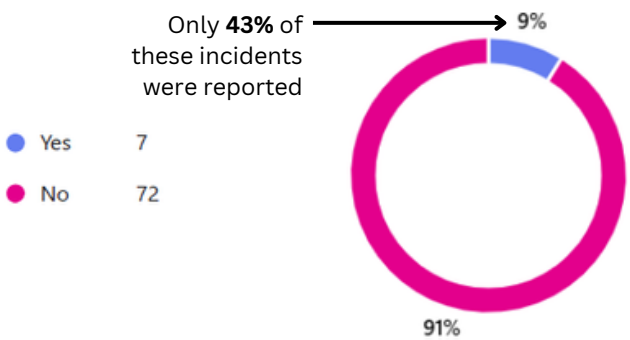
As a pedestrian/cyclist, do you feel safe crossing the intersection of **St. Mary and Johnston St.**?



As a pedestrian or cyclist, have you ever been **almost hit** by a vehicle on Johnston St. or University Ave.?

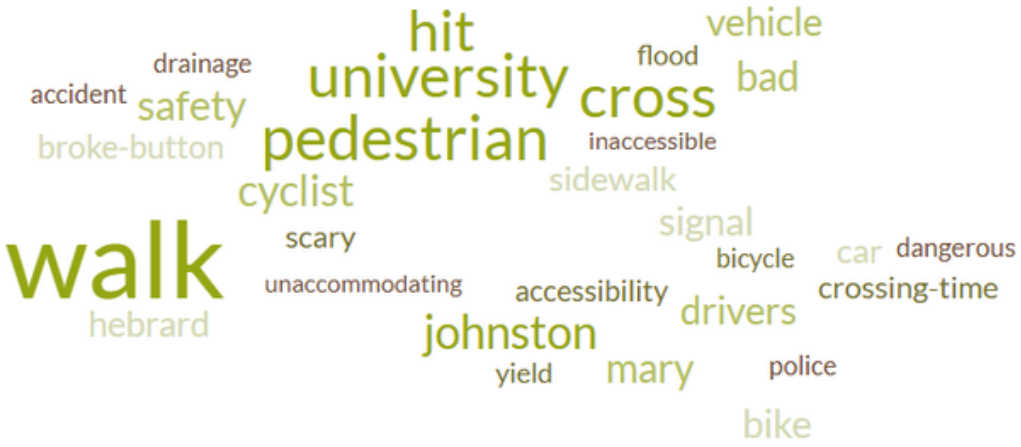


As a pedestrian or cyclist, have you ever been **hit** by a vehicle on Johnston St. or University Ave.?

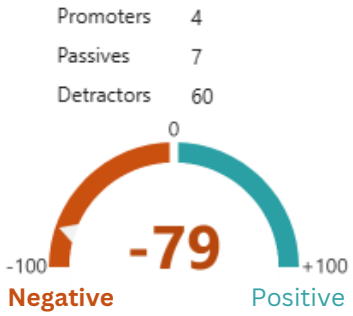


Pedestrian and Bicycle Study

Survey Comments



How would you rank pedestrian and bicycle infrastructure along **Johnston St. and University Ave.**? (1-10 scale)



Repeated Pedestrian Comments:

- Feels **unsafe, scary, and uncomfortable** crossing / feels **worse** at night
- Vehicles don't yield to pedestrians, make illegal turns all day, and speed through intersections
- **62%** of participants reported that they have **almost been hit** along Johnston or University.
- The sidewalks are in poor condition
- Intersections are too far apart
- Poor accessibility
- Poor drainage, floods quickly
- Multiple reports of broken crossing buttons
- Multiple reports of poor signal timings
- The crossing waiting areas are too narrow and close to the curb

Quotes from the Survey :

- "Feels like its designed for cars exclusively. Every street feels like a death trap for pedestrians and cyclists."
- "I'm genuinely fearful for my life everyday."
- "This town could be so much more walkable than it currently is."
- "Very nerve wracking crossing an intersections with out worrying if a car turning right will hit me."
- "Turning vehicles, very rarely yield when pedestrians have the right away."

Repeated Cyclist Comments:

- Bicycle infrastructure could be better, does not feel safe to be a cyclist on Johnston and University
- The Police have been unaccommodating or confrontational to cyclists
- Drivers don't pay attention to cyclists
- Johnston and University Intersections should be designed with cyclists in mind, crossing feels like a death trap

Quotes from the Survey :

- "I have thought about using my bike on campus, but I am terrified of biking on the streets around campus."
- "Bicycle infrastructure is not good. Lights on St. Mary and Johnston work against cyclists. Who ever designed cycling to campus never rode a bike."
- "I'll just ride my bike on the sidewalk, which feels much safer."

Pedestrian and Bicycle Study
What do survey participants want to see?

Better Pedestrian Infrastructure:

- **St. Mary and Johnston Redesign -** "The St. Mary and Johnston intersection needs to be redesigned for the sake of pedestrians, cyclists, and motorists. This intersection is unsafe for everyone. As a driver its confusing to have 3 lights with only 2 lanes on St. Mary. I have seen this almost cause wrecks so many times. As a cyclist and a pedestrian, crossing this intersection is scary because cars don't yield to us, cars are speeding, and crossing signal times are too slow." • "Just plain scary crossing especially at St. Mary and Johnston" • "There should be more signs along Johnston signaling drivers to watch for pedestrians."
- **Hebrard/University Redesign -** "There is only one crossing at the Hebrard/University intersection on the Johnston Street side. Pedestrians crossing in the non-crosswalk area cause traffic back ups on Hebrard because vehicles cannot take a left when pedestrians are crossing."
- **Improved Drainage** - "improve drainage that would be amazing" • "It quickly floods a LOT, so it's inaccessible during those times. Even when its not, its cracked and kind of hard to traverse."
- **Midblock Crossings** - "It would be wonderful to have one more traffic light on Johnston St., in between the one on the intersection of St. Mary and the one on University."
- **Accessibility** - "Some signals have no audio cue, which is hazardous for the visually impaired" • "The side walks are very uneven and have a lot of humps. People that have limited mobility have trouble navigating streets."• "Many of the buttons for the pedestrian signals either don't work or are just not even there." • "I wish that there was more pedestrian accessibility at intersections. I avoid crossing at Johnston St." • "Maybe some sort of sensor that tells drivers that are turning that people are in the crosswalk would help."
- **Safety and Beautification** - "I'd like more safety features installed, as well as fixing the sidewalks, as well as a beautification initiative for walking paths."

Better Bicycle Infrastructure:

- **Bike Friendly City -** "Commutability by bike is a pleasant way of life and attracts people to places." • "Currently I do not trust people in their cars to avoid me on my bike on campus."
- **Protected bike lanes** - "I feel that there should be a bit more of a barrier between the bike lane and car lanes on Johnston. There should be a bike lane in general on N University."
- **Multi-use paths**- "I look forward to changes to the width sidewalks to multi-use paths."
- **Intersections designed for bikes -** "I think there should be more accommodations for bicycles around intersections and more bicycle lanes in general."
- **Accessibility** - "Bike lanes are not always accessible."

Enforcement of Traffic Laws:

- "All vehicles, pedestrians, and cyclists should strive to follow traffic rules a little better."
- "Drivers don't seem to recognize the fact that pedestrians have the right to cross a street."
- "Drivers speed and make illegal turns all day turning into pedestrians, please enforce this or redesign Mary and Johnston before more pedestrians are hurt." • "need less victim blaming."
- "The speed limit is too high around the campus. It should be lowered to 25 or 30 mph. I realize that some will speed anyway but it could periodically be enforced."

Thank you to all the volunteers who helped gather valuable quantitative and qualitative data during the 2024 Pedestrian and Bicycle Study.

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