



PEDESTRIAN SAFETY STUDY - HIGHWAY 91

PRESENTED BY:

NEA REGIONAL TRANSPORTATION PLANNING COMMISSION



WHAT IS STEP?

- ✓ Proven, cost-effective federal innovation
- ✓ **Purpose:** Address safety issues, particularly at uncontrolled, unsignalized crossing locations
- ✓ Focus to reduce pedestrian fatalities and enhance quality of life at high-activity intersections or corridors

BACKGROUND

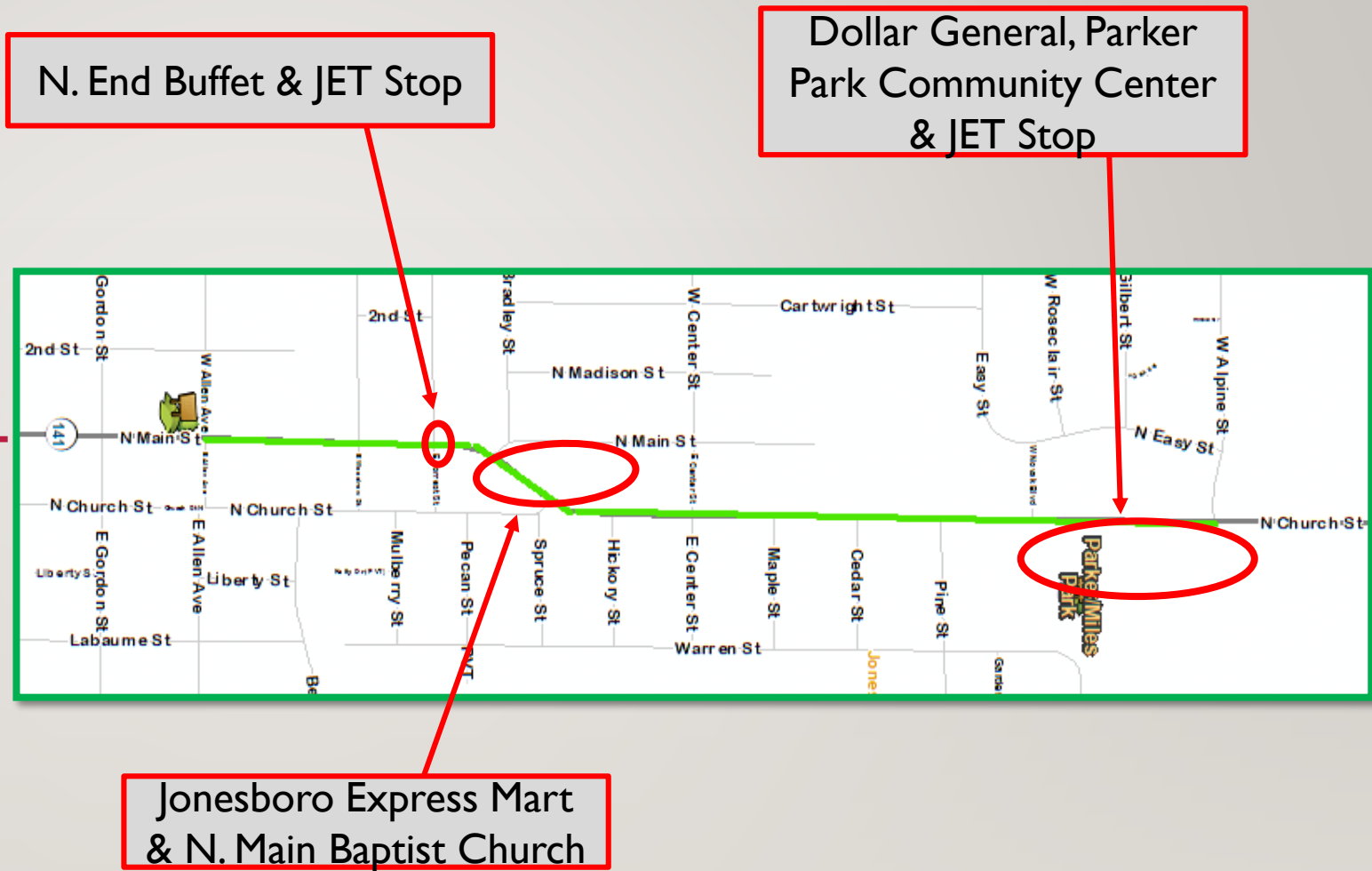
□ 2015 Downtown Jonesboro Study

- Partnered with ARDOT, Jonesboro and Central AR
- 2017 - Awarded joint grant
- 2018 - Hosted informational workshop
- 2019 - Study commenced
- 2020 – Study concludes



STUDY ANALYSIS #1

- Traffic & Crash data
- Speed limit
- Road & Area Characteristics
- Pedestrian Counts



STUDY ANALYSIS #2

- Install Temporary Crossing
- Traffic & Crash data
- Speed limit
- Road & Area Characteristics
- Pedestrian Counts
- Behavioral Observations

Johnson Ave & State St
intersection









HWY 91 - CRITICAL ISSUES IDENTIFIED



Image Source: City of Jonesboro, 2019

- ✓ Conflicts at Crossing Location
- ✓ Excessive Vehicle Speeds
- ✓ Inadequate Conspicuity/Visibility
- ✓ **Drivers Not Yielding to Pedestrians Crossing**
(**Occurs even with lights activated and peds are within crossing boundaries**)

HWY 91 - MAIN RECOMMENDATIONS



1. Speed Reduction of Vehicles in the Area
 - ❖ Utilize raised medians, landscaping, and speed-monitoring trailers
2. **(Option 1):** Install Full Traffic Signal with Pedestrian Signal Heads
 - ❖ With ADA compliant wheelchair ramps, advance warning signs and high-visibility crosswalk markings
3. **(Option 2)** Install Pedestrian Hybrid Beacon (PHB)
 - ❖ With ADA compliant wheelchair ramps, high-visibility crosswalk markings, stop bars, in-street pedestrian crossing signs

Enforcement of
Existing Traffic
Laws!

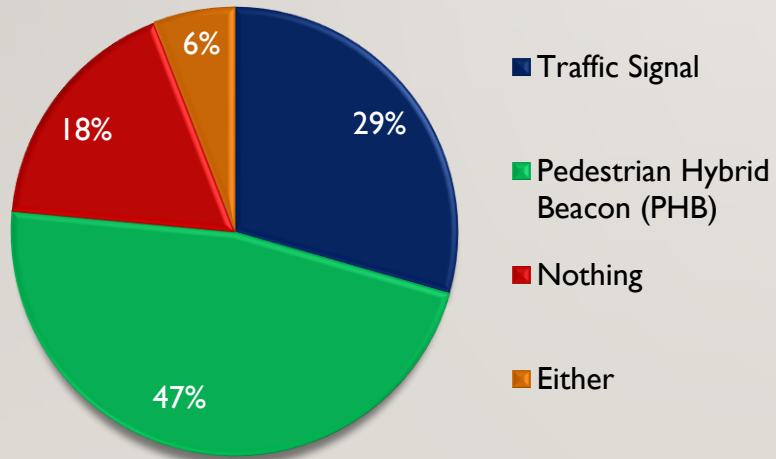
Audience Overview

New Users	Pageviews	Sessions	Pages / Session
97	291	114	2.55

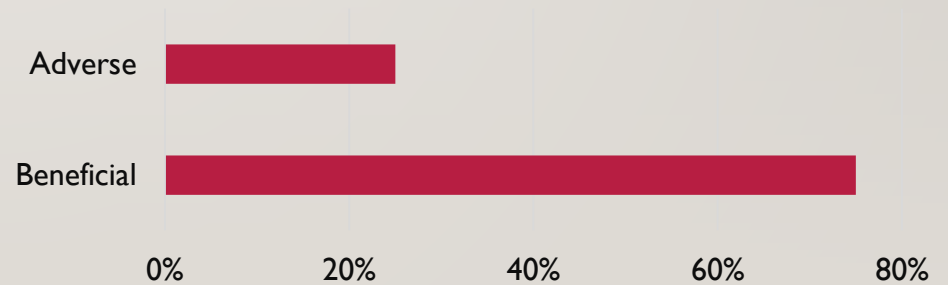
HWY 91 - PUBLIC PREFERENCES

Table 2: Pedestrian Crossing Counts After Installation

Time Period		Pedestrian Counts at Hwy 91 and State St Intersection	
From	To	3-Oct-19	4-Mar-20
7:00 AM	9:00 AM	32	21
11:30 AM	1:30 PM	15	26
4:00 PM	6:00PM	26	33
Total		73	80



Perceived Impact on Surrounding Property or Community



STEPPING FORWARD

- Deconstruction of Crossing (July 8th)
- Coordinate with Jonesboro & ARDOT concerning next steps
 - ❖ Potential Funding (Grants)
 - ❖ Outreach & Implementation

