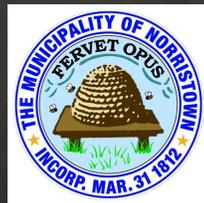


# DEKALB STREET TWO-WAY CONVERSION MPMS 118032

JULY 16, 2024



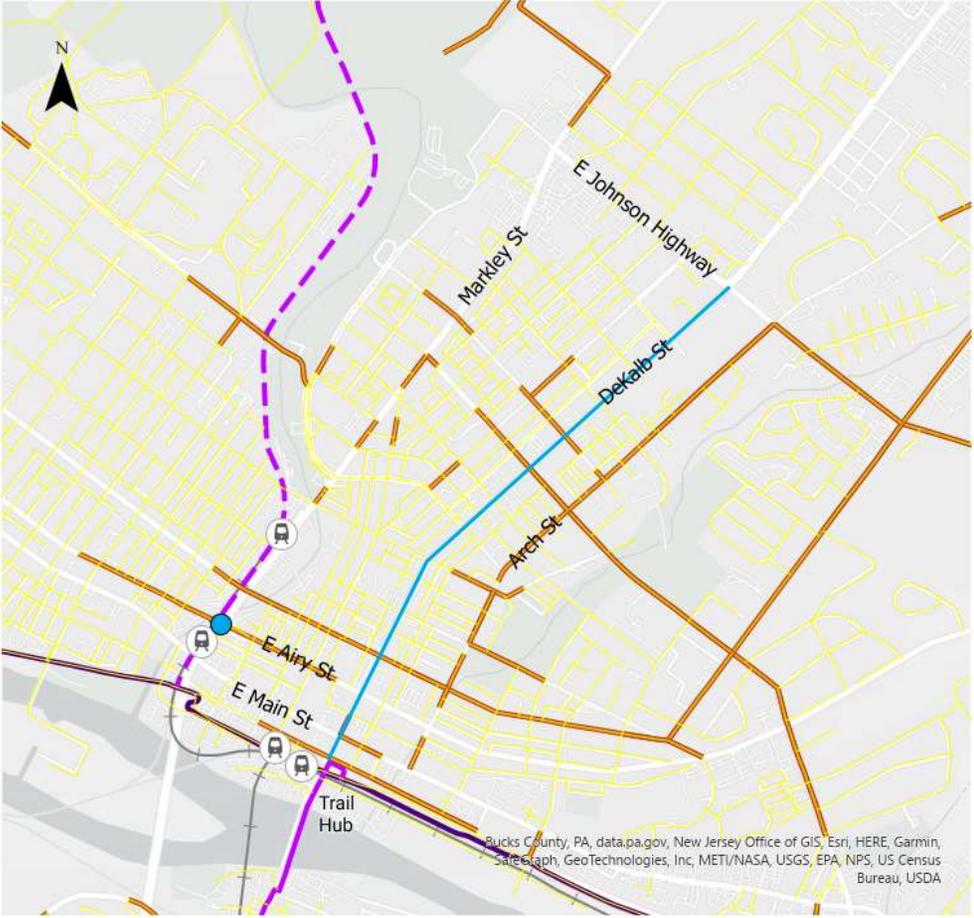
## Background

- ▶ The 1.5-mile project extends on Dekalb Street (US 202) from E Lafayette Street to E Johnson Highway (Rt. 202/SR 3017)
- ▶ The purpose of this project is to improve traffic circulation for vehicles, transit users, bicycles, and pedestrian using Dekalb Street throughout Norristown by permitting two-way travel on a safe and structurally sound roadway and sidewalk.
- ▶ Funding includes design and construction on DVRPC's Twelve Year Program TIP at estimated cost of \$8,750,000.
- ▶ Schedule:
  - ▶ Preliminary Engineering/Design: 2026
  - ▶ Final Design: 2027/2028
  - ▶ Construction: Begins 2029

# PROJECT INFORMATION



# MPMS #118032 and #109368



- MPMS 118032
- MPMS 109368
- Transit
  - 🚆 SEPTA Passenger Rail Stations
  - SEPTA Passenger Rail
- Circuit Trails
  - Existing: Chester Valley Trail Extension
  - Existing: Ross St to Longford Park
  - Pipeline: Schuylkill River Trail to Power Line Trail
- Level of Traffic Stress (LTS)
  - LTS 1-2 Low Stress Islands
  - LTS 3 - Moderate Traffic Stress



Bucks County, PA, data.pa.gov, New Jersey Office of GIS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA





MATCH LINE A-A

LEGEND	
	SIGNALIZED
	STOP CONTROLLED
	FLASHER



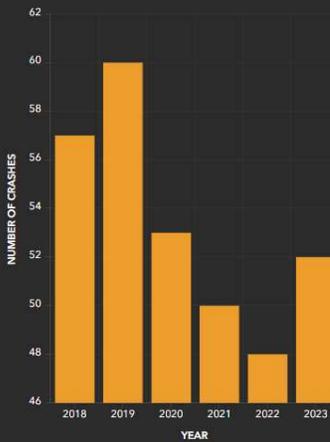
MATCH LINE A-A



# RT 202 - NORRISTOWN - COLLISION DATA OVERVIEW Dawood Engineering

Filter by Collision Type  
No category selected

Filter by Severity  
No category selected

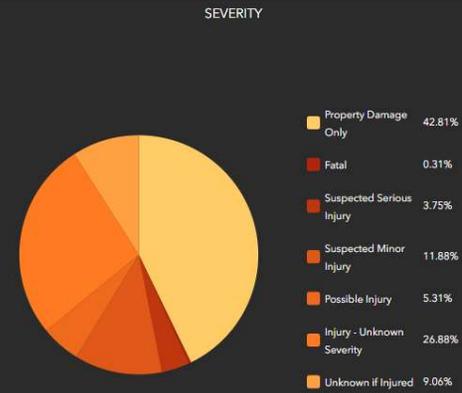


**COLLISIONS**  
320

**FATALITIES**  
1



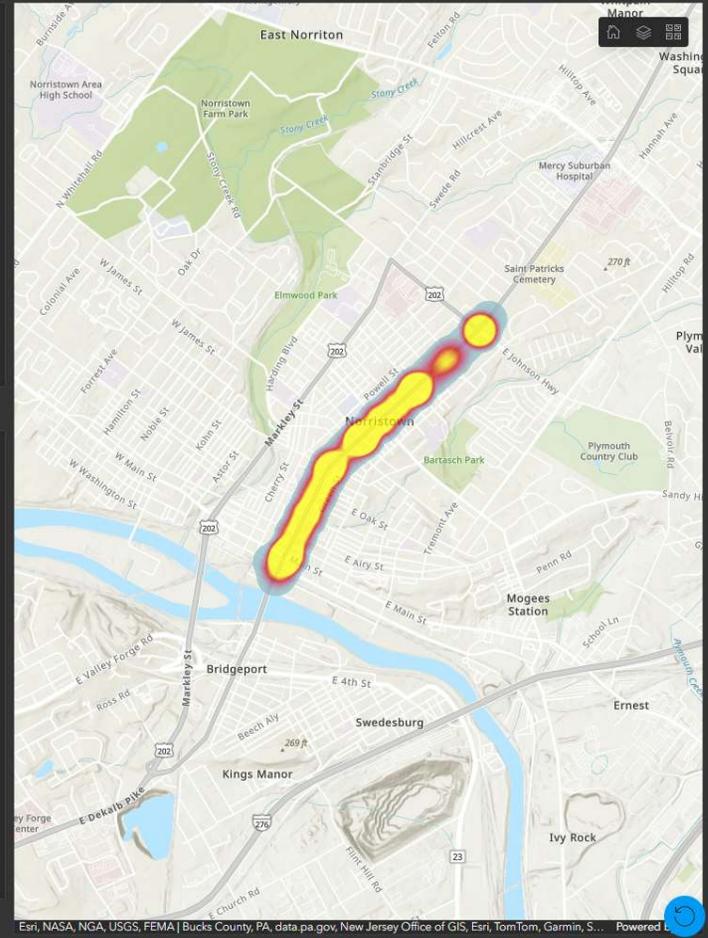
Road Conditions | Weather | Illumination



Severity | Collision Type

- CRN #2018004870**  
REAR-END ; INJURY - UNKNOWN SEVERITY
- CRN #2018006608**  
HEAD-ON ; SUSPECTED MINOR INJURY
- CRN #2018011563**  
ANGLE ; PROPERTY DAMAGE ONLY
- CRN #2018020183**  
REAR-END ; UNKNOWN IF INJURED
- CRN #2018021064**  
REAR-END ; INJURY - UNKNOWN SEVERITY
- CRN #2018022198**  
ANGLE ; INJURY - UNKNOWN SEVERITY
- CRN #2018022452**  
ANGLE ; INJURY - UNKNOWN SEVERITY
- CRN #2018022996**  
ANGLE ; INJURY - UNKNOWN SEVERITY
- CRN #2018023444**  
HEAD-ON ; UNKNOWN IF INJURED
- CRN #2018023521**  
ANGLE ; PROPERTY DAMAGE ONLY

Incident List | Crashes Per Hour of Day | Crashes Per Day of Week



Esri, NASA, NGA, USGS, FEMA | Bucks County, PA, data.pa.gov, New Jersey Office of GIS, Esri, TomTom, Garmin, S... Powered L



**Could include but not limited to:**

- ▶ Left and right turn lanes analysis at all intersections
  - ▶ Verify if restricting turns is warranted to avoid large delays and queuing
  - ▶ On-street parking removal as needed
- ▶ Updated pavement markings and signage
- ▶ Signal warrants for additional signals as needed
- ▶ Updated signal timings at existing intersections
- ▶ Coordinate signals in corridor as warranted
  - ▶ Perform vehicle queue analysis to avoid congestion
- ▶ Transit upgrades including transit priority at signalized intersections
- ▶ Update highway lighting as warranted
- ▶ Sight distance analysis and improvements

# PROPOSED POSSIBLE IMPROVEMENTS



# THANK YOU

## Project Owners:

PennDOT Engineering District 6-0  
Consultant Portfolio Manager: Bruce Masi, PE  
610-757-1879  
c-bmasi@pa.gov

PennDOT Engineering District 6-0  
Consultant Project Manager: Elisabeth Sibley  
610-312-0265  
c-esibley@pa.gov

## Project Designers:

Dawood Engineering, Inc. (King of Prussia, PA)  
Project Manager: Chad Decker, PE, PTOE  
855-432-9663  
chad.decker@dawood.net

Dawood Engineering, Inc. (King of Prussia, PA)  
Assistant Project Manager: Lori Ware, PE, PTOE  
855-432-9663  
lori.ware@dawood.net

## Project Mentee:

Excelsior Engineering  
Ernst Fleuranvil and Ace Castillo  
efleuranvil@eengs.com and acastillo@eengs.com

