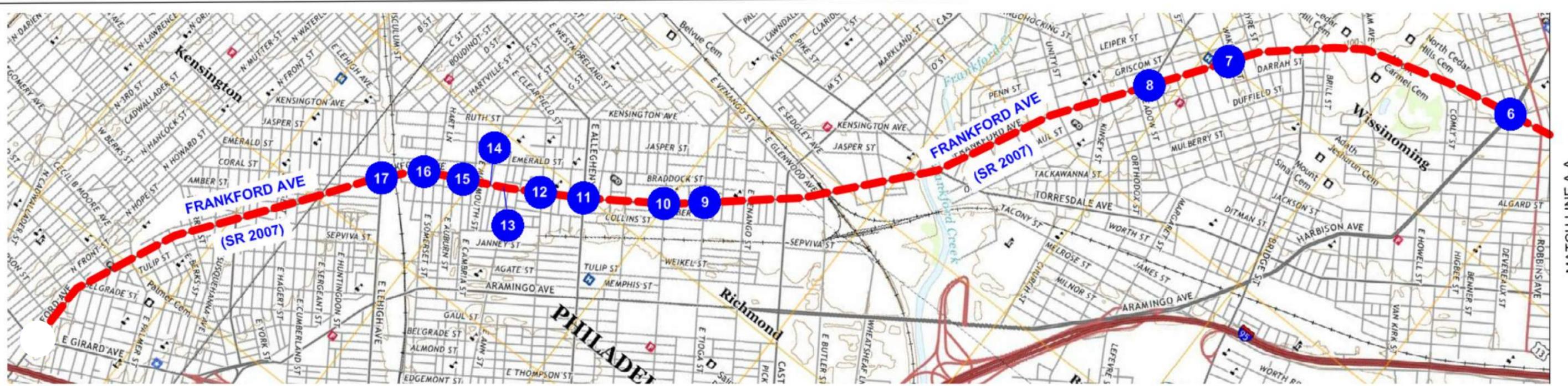
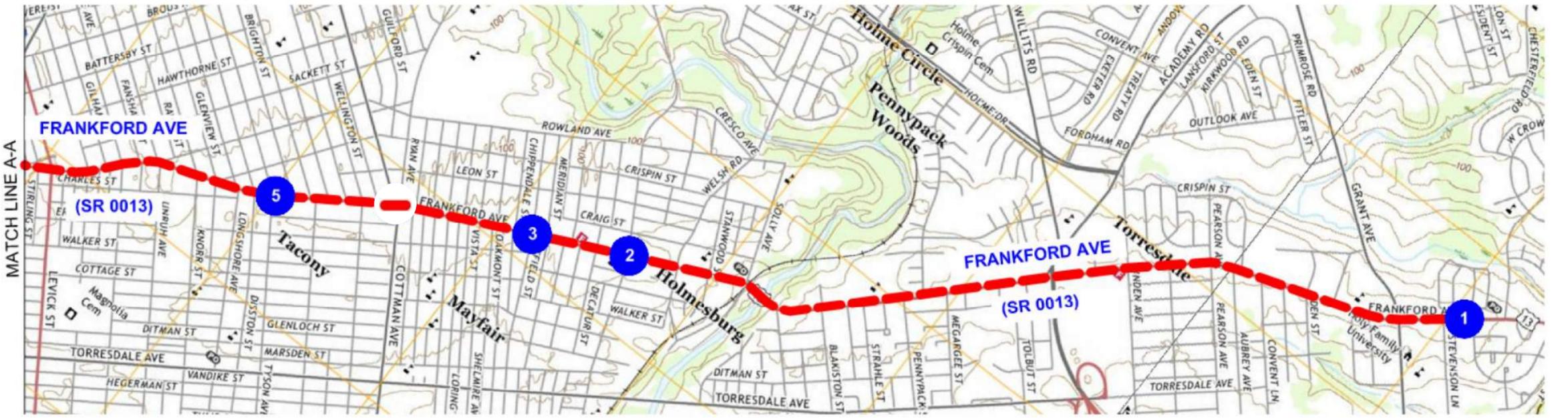


Frankford Ave Part 1: MPMS 106993



MATCH LINE A-A

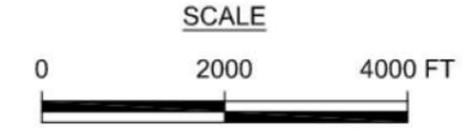


INTERSECTIONS

- 1. Frankford Avenue (US 13) & Carteret Drive
- 2. Frankford Avenue (US 13) & Rhawn Street (SR 1014)
- 3. Frankford Avenue (US 13) & Sheffield Street
- 5. Frankford Avenue (US 13) & Tyson Avenue
- 6. Frankford Avenue (SR 207) & Harbison Avenue
- 7. Frankford Avenue (SR 207) & Wakeling Street
- 8. Frankford Avenue (SR 207) & Oxford Avenue/Margaret Street
- 9. Frankford Avenue (SR 207) & Tioga Street
- 9. Frankford Avenue (SR 207) & Tioga Street
- 10. Frankford Avenue (SR 207) & Ontario Street
- 11. Frankford Avenue (SR 207) & Allegheny Avenue (SR 1016)
- 12.. Frankford Avenue (SR 207) & Clearfield Street
- 13. Frankford Avenue (SR 207) & Ann Street
- 14. Frankford Avenue (SR 207) & Orleans Street
- 15. Frankford Avenue (SR 207) & Cambria
- 16. Frankford Avenue (SR 207) & Somerset Street
- 17. Frankford Avenue (SR 207) & Lehigh Avenue (SR 1014)

LEGEND

- SAFETY CORRIDOR
- PROJECT INTERSECTION



LOCATION MAP
 USGS QUADS: BEVERLY-NJ, CAMDEN-NJ,
 FRANKFORD-PA, PHILADELPHIA-PA

SR 0013/2007 SEC SIP
 FRANKFORD AVE SAFETY IMPROVEMENTS
 MPMS #106933
 Philadelphia County, PA

Frankford Ave Part 1: MPMS 106993

**Frankford Avenue Safety Improvements
SR 0013 Section SIP
Philadelphia, PA
MPMS # 106993**

December 23, 2020

PROJECT DESCRIPTION

This project involves safety improvements at intersections along the Frankford Avenue (SR 0013/SR 2007) corridor in Philadelphia. These safety improvements include the replacement of existing and installation of new traffic signals, signal supports and related equipment; replacement and installation of signage related to the intersections; installation and retrofits of LED luminaires; installation of ADA ramps at select intersections; and restoration of pavement markings. The entire project will take place within existing Right-of-way and within existing previously disturbed roadway/sidewalk areas.

The proposed improvements include the following:

1. Frankford Avenue & Carteret Drive

- a. Installation of new pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, and underground conduit.
- c. Installation of LED luminaire on the northwest and southwest quadrants.
- d. Removal of existing luminaire in northeast quadrant.
- e. Restriping centerlines, crosswalks and stop bars for the Carteret Drive approaches.

2. Frankford Avenue & Rhawn Street

- a. Installation of LED luminaire and underground conduit on the southwest quadrant.
- b. Retrofitting existing luminaires with LED luminaires.
- c. Replacement of signal equipment and poles.
- d. Installation of pedestrian countdown signal heads for the crossings of Rhawn Street.
- e. Restriping all stop bars and crosswalks.
- f. Replacement of "No Turn on Red" signs.

3. Frankford Avenue & Sheffield Avenue

- a. Restriping centerlines, crosswalks and stop bars for the Sheffield Avenue approaches.
- b. Installation of pedestrian countdown signal heads for the crossings of Sheffield Avenue.
- c. Replacement of signal equipment and poles.
- d. Installation of new LED luminaires on northeast and northwest quadrants.
- e. Retrofitting LED luminaires on northeast and southwest quadrants.

5. Frankford Avenue & Tyson Avenue

- a. Retrofitting LED luminaires on northeast and southwest quadrants.

6. Frankford Avenue & Harbison Ave

- a. Replacement of a signal head for the northwest corner and 2 signal heads for the westbound channelized-right turn on existing poles
- b. Restriping all crosswalks and westbound approach stop bar.
- c. Install flexible delineator posts on the northbound and southbound approaches along the center line for the length of the left turn lanes.

7. Frankford Avenue & Wakeling Street

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (SE Corner).
- c. Installation of emergency pre-emption equipment.
- d. Installation of LED luminaire on southeast corner.
- e. Installation of new signage.
- f. Restriping all stop bars and crosswalks.

8. Frankford Avenue & Oxford Avenue & Margaret Street

- a. Installation of crosswalk markings for the crossing of Oxford Avenue.
- b. Installation of pedestrian countdown signal heads.
- c. Replacement of signal equipment, poles, underground conduit, and controller cabinet (SE Corner).
- d. Installation of emergency pre-emption equipment.

9. Frankford Avenue & Tioga Street (Kensington/Allegheny Historic District)

- a. Installation pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (SE Corner).
- c. Installation of emergency pre-emption equipment.
- d. Installation of new signage.
- e. Installation of LED luminaires on northeast and southwest quadrants.
- f. Retrofitting LED luminaire on southeast quadrant.
- g. Restriping all stop bars and crosswalks.
- h. Restriping pavement markings on all approaches.

10. Frankford Avenue & Ontario Street (Kensington/Allegheny Historic District)

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (NW Corner).
- c. Installation of emergency pre-emption equipment.
- d. Installation of new signage.
- e. Installation of LED luminaire on southeast quadrant.
- f. Restriping all stop bars and crosswalks.
- g. Restriping pavement markings on all approaches.

11. Frankford Avenue & Allegheny Avenue (Kensington/Allegheny Historic District)

- a. Replacement of pedestrian countdown signal heads.
- b. Replacement of signal equipment and poles.
- c. Installation of mast arms on Frankford Avenue approaches.
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaire on southwest quadrant.
- g. Retrofitting LED luminaire on southwest quadrant.
- h. Restriping all stop bars and crosswalks.
- i. Restriping pavement markings and legends on all approaches.
- j. Removal of light pole foundation on northeast quadrant.

12. Frankford Avenue & Clearfield Street (Kensington/Allegheny Historic District)

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (NE Corner).
- c. Installation of mast arms on Frankford Avenue approaches.
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaires on northwest, southeast and southwest quadrants.
- g. Retrofitting LED luminaire on southwest quadrant.
- h. Restriping all stop bars.
- i. Restriping crosswalks for the crossings of Frankford Avenue.
- j. Restriping pavement markings on all approaches.

13. Frankford Avenue & Ann Street (Kensington/Allegheny Historic District & 2900-3000 block)

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (NE Corner).
- c. Installation of mast arms on Frankford Avenue approaches.
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaires on northeast and southeast quadrants.
- g. Retrofitting LED luminaire on southwest quadrant.
- h. Restriping all stop bars and crosswalks.
- i. Restriping pavement markings on all approaches.

14. Frankford Avenue & Orleans Street (Kensington/Allegheny Historic District & 2900-3000 block)

- a. Removal of all existing signal equipment.
- b. Installation of pedestrian countdown signal heads.
- c. Installation of signal equipment, poles, mast arms, underground conduit, and controller cabinet (SW Corner).
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaires on mast arms.
- g. Restriping all stop bars and crosswalks.
- h. Restriping pavement markings on all approaches.

15. Frankford Avenue & Cambria Street (Kensington/Allegheny Historic District & 2900-3000 block)

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (NE corner).
- c. Installation of mast arms on Frankford Avenue approaches.
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaires on northeast, southeast and southwest quadrants.
- g. Restriping all stop bars and crosswalks.
- h. Restriping pavement markings on all approaches

16. Frankford Avenue & Somerset Street (Kensington/Allegheny Historic District & Thomas J Powers Public School)

- a. Installation of pedestrian countdown signal heads.
- b. Replacement of signal equipment, poles, underground conduit, and controller cabinet (SW Corner).
- c. Installation of mast arms on Frankford Avenue approaches.
- d. Installation of emergency pre-emption equipment.
- e. Installation of new signage.
- f. Installation of LED luminaires on northeast and northwest quadrants.
- g. Restriping all stop bars and crosswalks.
- h. Restriping pavement markings on all approaches.
- i. Installation overhead advance curve warning and signal ahead warning.

17. Frankford Avenue & Lehigh Avenue

- a. Installation of LED luminaires on the northwest, southeast, and southwest quadrants.
- b. Restriping all stop bars and crosswalks.
- c. Restriping pavement markings and legends on all approaches.