

VISION ZERO

PHILADELPHIA

Neighborhood Slow Zone Tenth Memorial Way



City of
Philadelphia

June 12, 2025

AGENDA:

1. What is Vision Zero?
2. What is a Neighborhood Slow Zone?
3. Project History
4. Final Plans Review
5. Next Steps



**Vision Zero is dedicated to
eliminating traffic deaths and
serious injuries on Philadelphia
streets.**

15th Street at JFK Boulevard, 2023

What is Vision Zero?

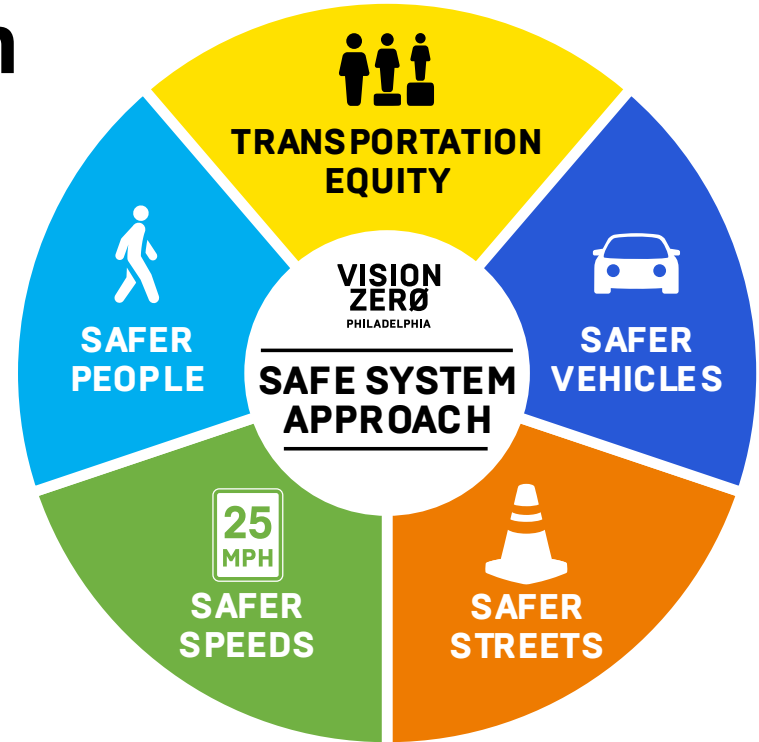
A policy that states clearly that traffic deaths are **preventable** and **unacceptable**.

Willard Elementary Slow Zone, 2022



Core Principles of the Safe Systems Approach

- Human life takes **priority** over mobility;
- Human error is **inevitable** and unpredictable;
- People are inherently **vulnerable**, and **speed** is a fundamental predictor of crash survival;
- Safe street design, education, and enforcement are essential contributors to a **safe system**.



WHEN A PERSON IS HIT BY A DRIVER AT...

**20
MPH**



1 IN 10 DIE

**30
MPH**



5 IN 10 DIE

**40
MPH**



9 IN 10 DIE

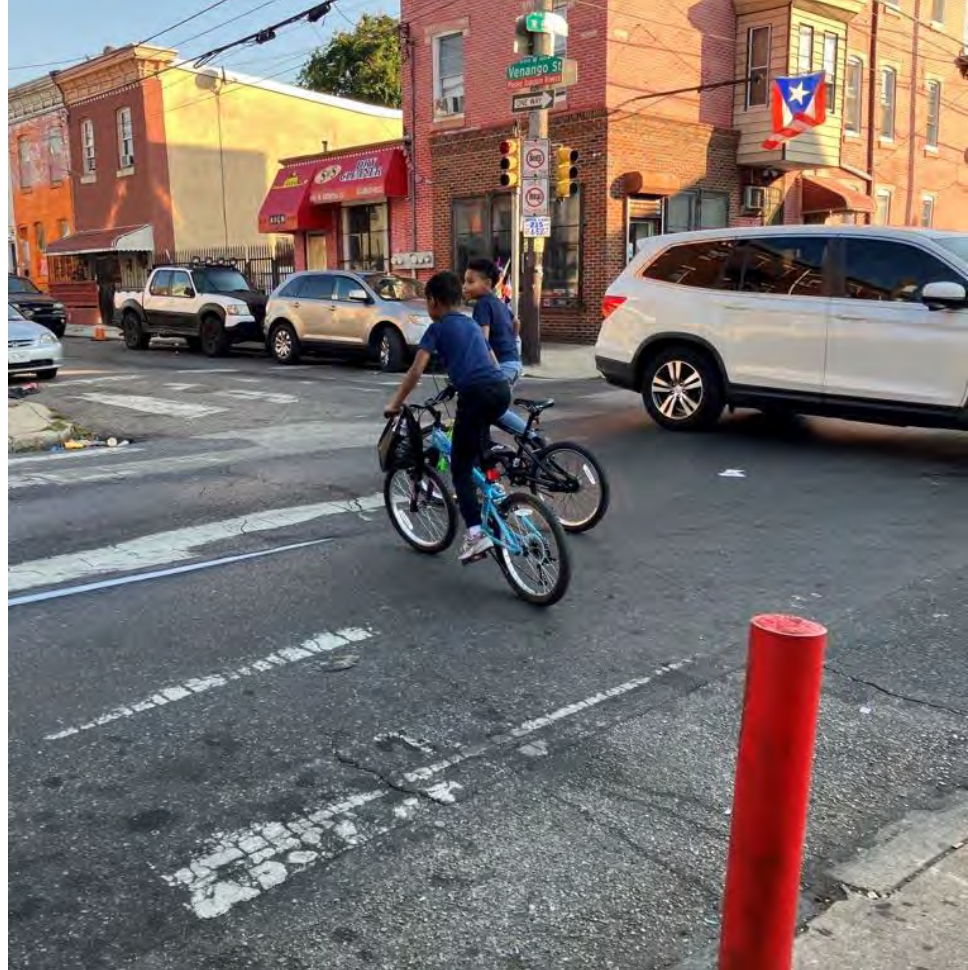
**VISION
ZERO**
PHILADELPHIA

SLOWING DOWN SAVES LIVES

Children are at risk

Every week in Philadelphia, 4 children aged 17 and under are hit by a driver while walking.

5th and Venango, 2023



Vision Zero principles to priorities

Equity

Ensure equitable traffic safety investments in neighborhoods needing them most

Safe Speeds

Prevent fatal crashes by managing vehicle speeds

Safe Streets

Create roads that are predictable and self-explaining to all users

Safe People

Empower Philadelphians to spread Vision Zero messaging, take community action, and promote a culture of safe driving, walking, and biking

Safety Data

Use quality data and the latest analytical tools to prioritize actions and track Vision Zero progress

Vision Zero for Youth

Invest in the transportation safety of young Philadelphians as they grow in schools and neighborhoods

Vision Zero principles to priorities

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Safety Data

Use quality data and the latest analytical tools to prioritize actions and track Vision Zero progress

Vision Zero for Youth

Invest in the transportation safety of young Philadelphians as they grow in schools and neighborhoods

25
MPH

Neighborhood Slow Zones

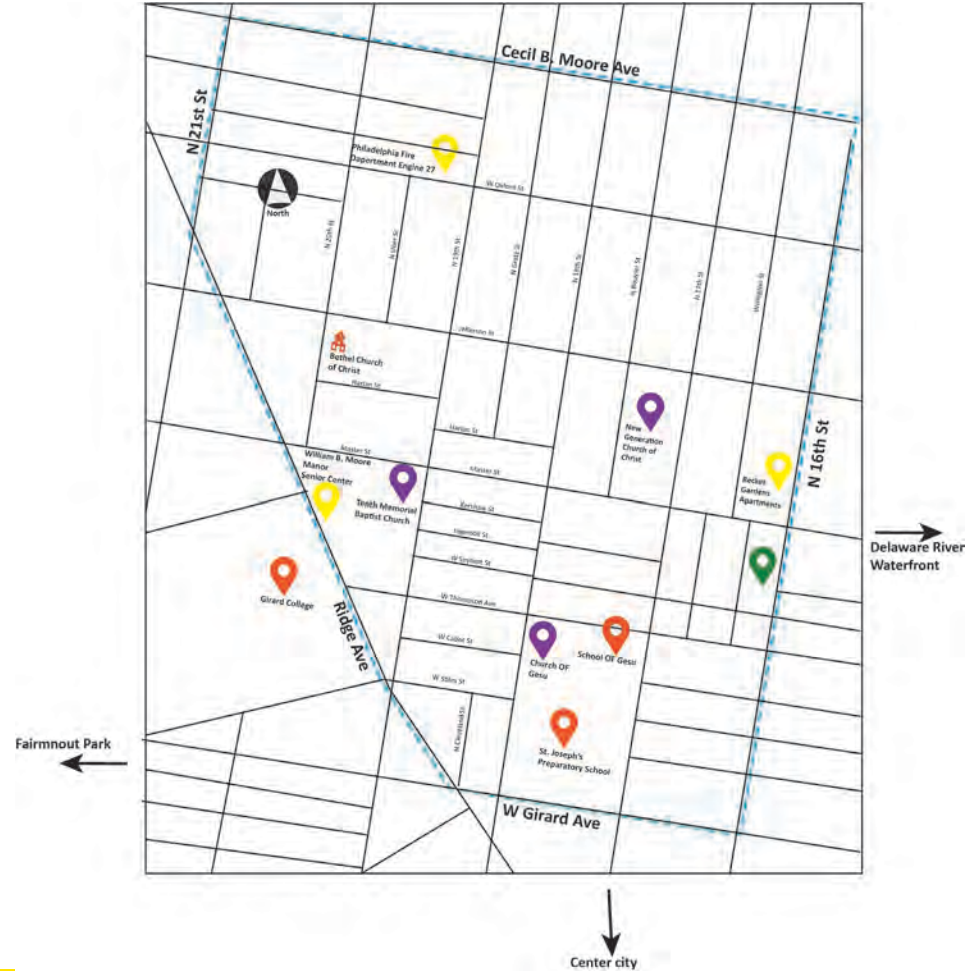
Philadelphia's **default speed limit is 25 mph**. Neighborhood Slow Zones reduce the speed limit to 20 mph and work with neighbors to develop a plan to install traffic calming to enforce the lowered speed limit.

Fairhill Neighborhood Slow Zone, 2023



10th Memorial Slow Zone

- **Your Slow Zone boundaries:**
 - Cecil B. Moore Ave
 - N. 16th St
 - Girard Ave
 - Ridge Ave
 - N. 21st St
- Improvements must be planned inside the boundary streets, not on boundary streets.



Crash Map

- 1 fatality (pedestrian) ★
- 2 serious injuries (one pedestrian, one vehicle crash) ▲
- 18 crashes with pedestrians
- 3 crashes with bicyclists
- 63 injury crashes
- 115 total crashes

Source: PennDOT Crash Data, 2016-2024

- Excessive driver speeds
- Missing or poorly maintained crosswalks
- Drivers fail to yield to people walking
- Poor visibility because of illegal parking
- Difficulty crossing the street

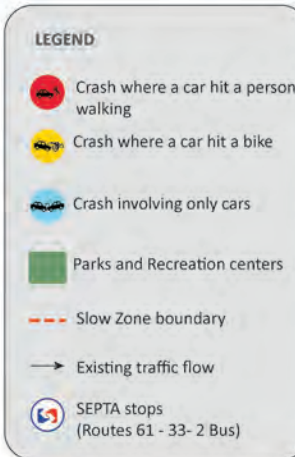
Poor sidewalk conditions:

- Cracked or sunken sidewalks
- Parked vehicles, debris, and other obstructions

Poor road conditions:

- Cracked pavement
- Obstructions

Mid-block bus stop dangerous for children and young people crossing



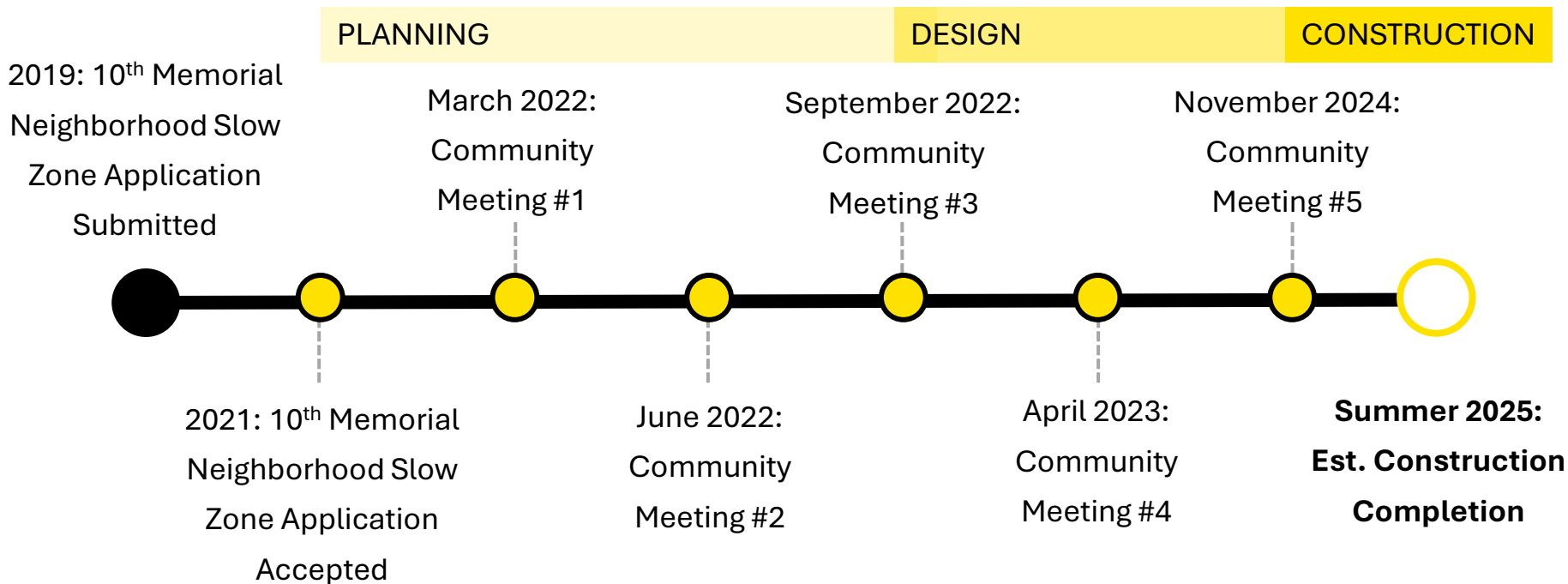
Data source: PennDOT collision data 2016-2020

FAIRMOUNT PARK

CENTER CITY

DELAWARE RIVER WATERFRONT

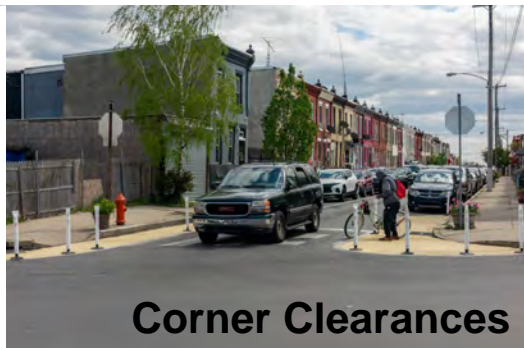
Timeline



First Meeting



Speed Cushions



Corner Clearances



Raised Crosswalks



Gateway Treatments

First Meeting - What We Heard

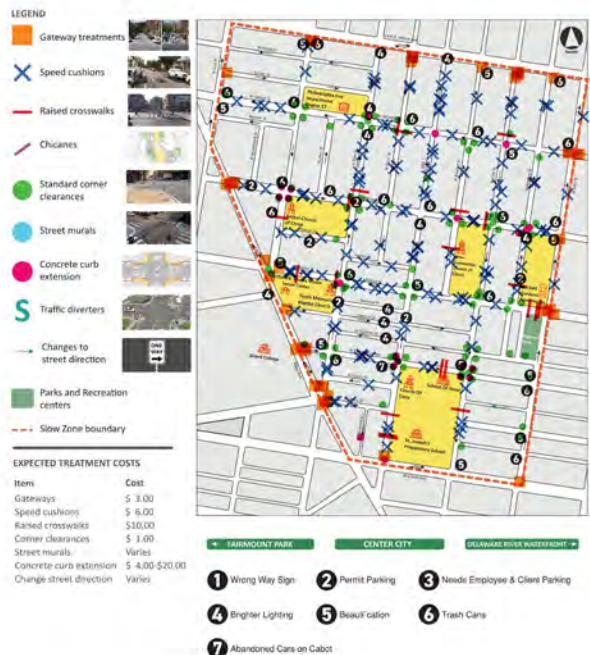
Treatments and locations selected by participants



First Meeting - What We Heard



First Meeting - Results



First Meeting Community Map



Initial Concept Based on Community Map

Second Meeting

- Incorporated increased speed reduction measures due to initial results from another slow zone – 21 additional cushions were added
- Added 3 gateway treatments to ensure each slow zone entrance has a gateway.



Gateway



LEGEND

-  Gateway treatments
-  Speed cushions
-  Raised crosswalks
-  Chicanes
-  Standard corner clearances
-  Street murals
-  Concrete curb extension
-  Traffic diverters
-  Changes to street direction
-  Parks and Recreation centers
-  Slow Zone boundary



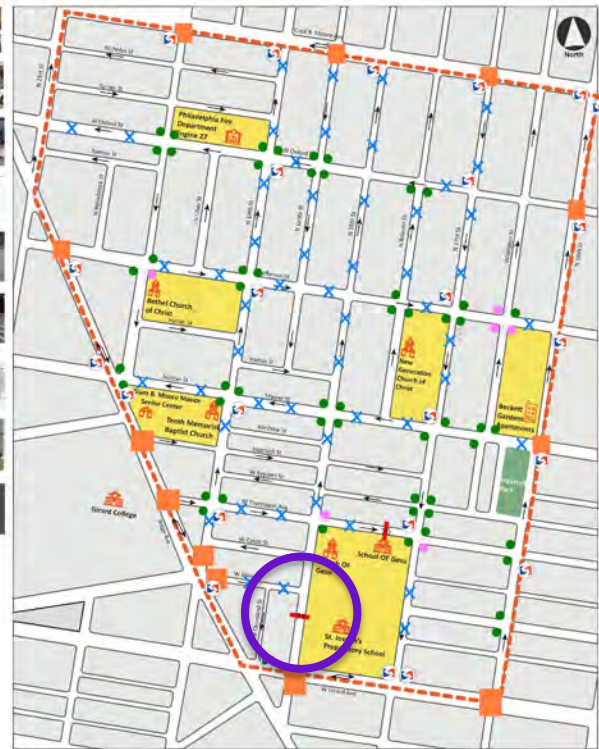
← FAIRMOUNT PARK CENTER CITY DELAWARE RIVER WATERFRONT →

Raised Crosswalk



LEGEND

-  Gateway treatments
-  Speed cushions
-  Raised crosswalks
-  Chicanes
-  Standard corner clearances
-  Street murals
-  Concrete curb extension
-  Traffic diverters
-  Changes to street direction
-  Parks and Recreation centers
-  Slow Zone boundary



FAIRMOUNT PARK

CENTER CITY

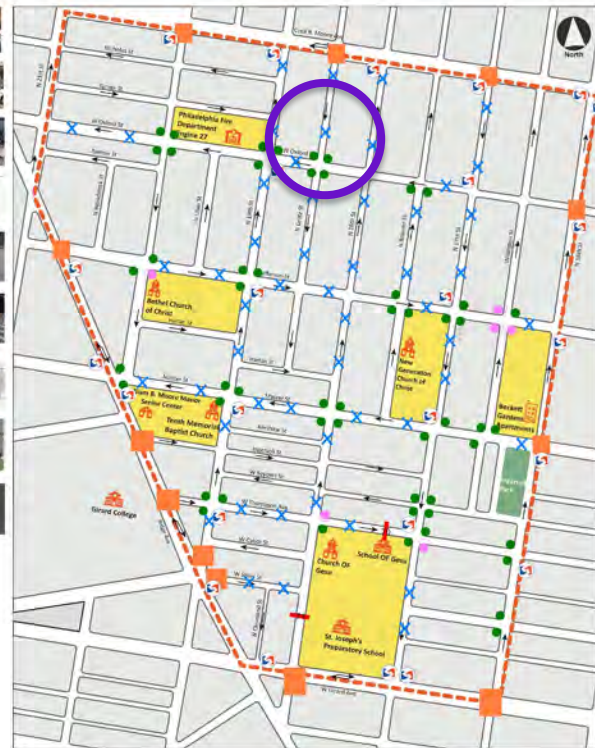
DELAWARE RIVER WATERFRONT

Speed Bump



LEGEND

-  Gateway treatments
-  Speed cushions
-  Raised crosswalks
-  Chicanes
-  Standard corner clearances
-  Street murals
-  Concrete curb extension
-  Traffic diverters
-  Changes to street direction
-  Parks and Recreation centers
-  Slow Zone boundary



FAIRMOUNT PARK

CENTER CITY

DELAWARE RIVER WATERFRONT

Curb Extension



LEGEND

-  Gateway treatments
-  Speed cushions
-  Raised crosswalks
-  Chicanes
-  Standard corner clearances
-  Street murals
-  Concrete curb extension
-  Traffic diverters
-  Changes to street direction
-  Parks and Recreation centers
-  Slow Zone boundary



EXPECTED TREATMENT COSTS

Item	COST	#	TOTAL
Gateway	\$ 4,500.00	12	\$ 54,000.00
Corner clearance	\$ 1,000.00	53	\$ 53,000.00
Concrete extensions	\$18,000.00	5	\$ 90,000.00
Speed cushion	\$ 9,000.00	52	\$468,000.00
Raised crosswalk	\$17,500.00	2	\$ 35,000.00
TOTAL			\$700,000.00

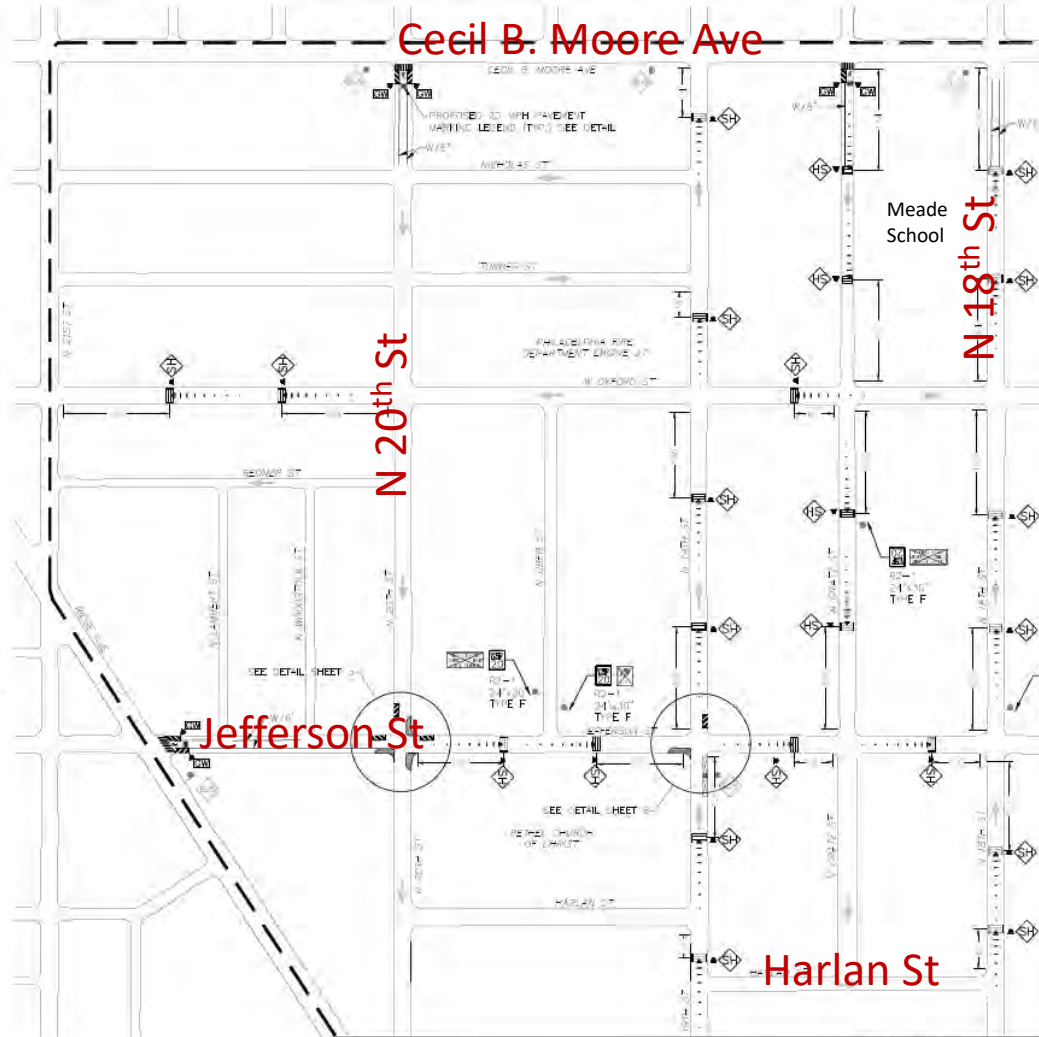


FAIRMOUNT PARK

CENTER CITY

DELAWARE RIVER WATERFRONT

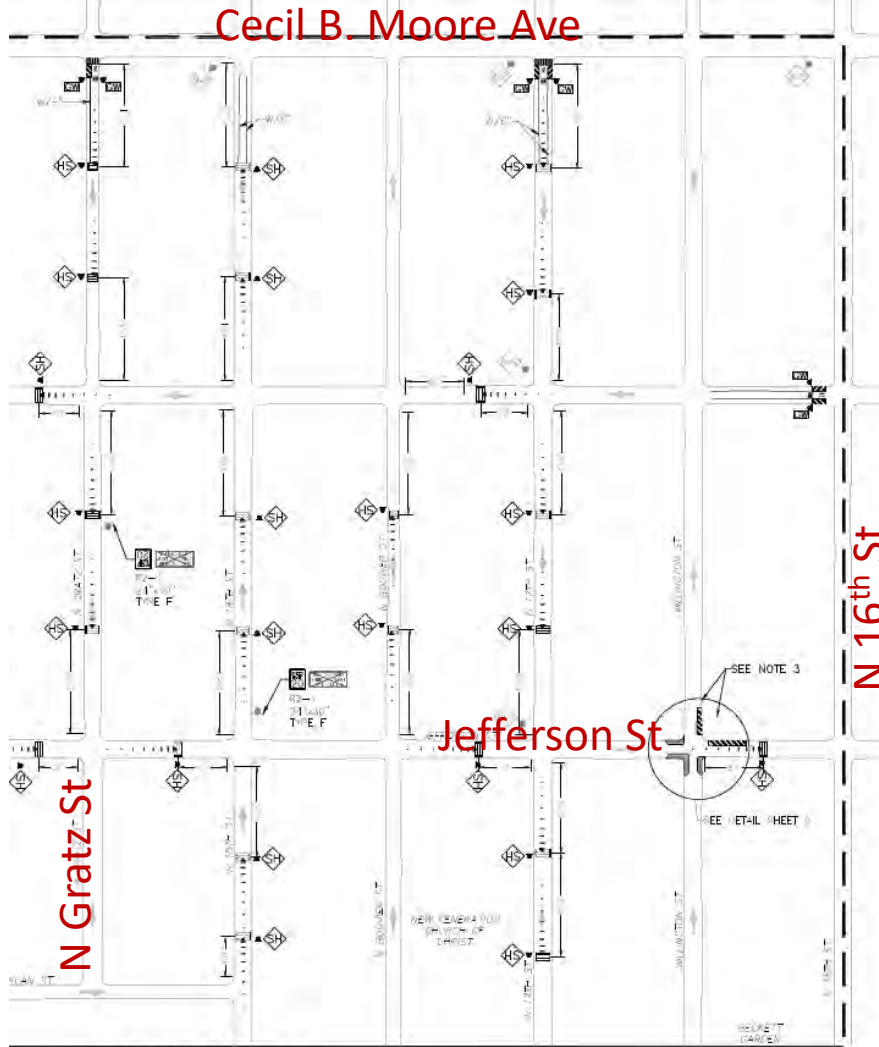
-  SLOW ZONE BOUNDARY
-  TRAFFIC FLOW
-  EPOXY CORNER CLEARANCE
-  SPEED HUMPS
-  CORNER CLEARANCE
-  BUS ONLY MARKINGS
-  20 MPH PAVEMENT MARKING LEGEND
-  W/6" WHITE PAVEMENT MARKING/WIDTH
-  WHITE 24" CROSSWALK MARKINGS
-  TYPE B SIGN POST
-  SPEED HUMPS SIGN
-  20 MPH SIGN
-  GATEWAY SIGN ASSEMBLY



MATCHLINE SEE SHEET

Cecil B. Moore Ave

-  SLOW ZONE BOUNDARY
-  TRAFFIC FLOW
-  EPOXY CORNER CLEARANCE
-  SPEED HUMP
-  CORNER CLEARANCE
-  BUS ONLY MARKINGS
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N Gratz St

Jefferson St

N 16th St

MATCHLINE SEE SHEET 7

CITY OF PHILADELPHIA

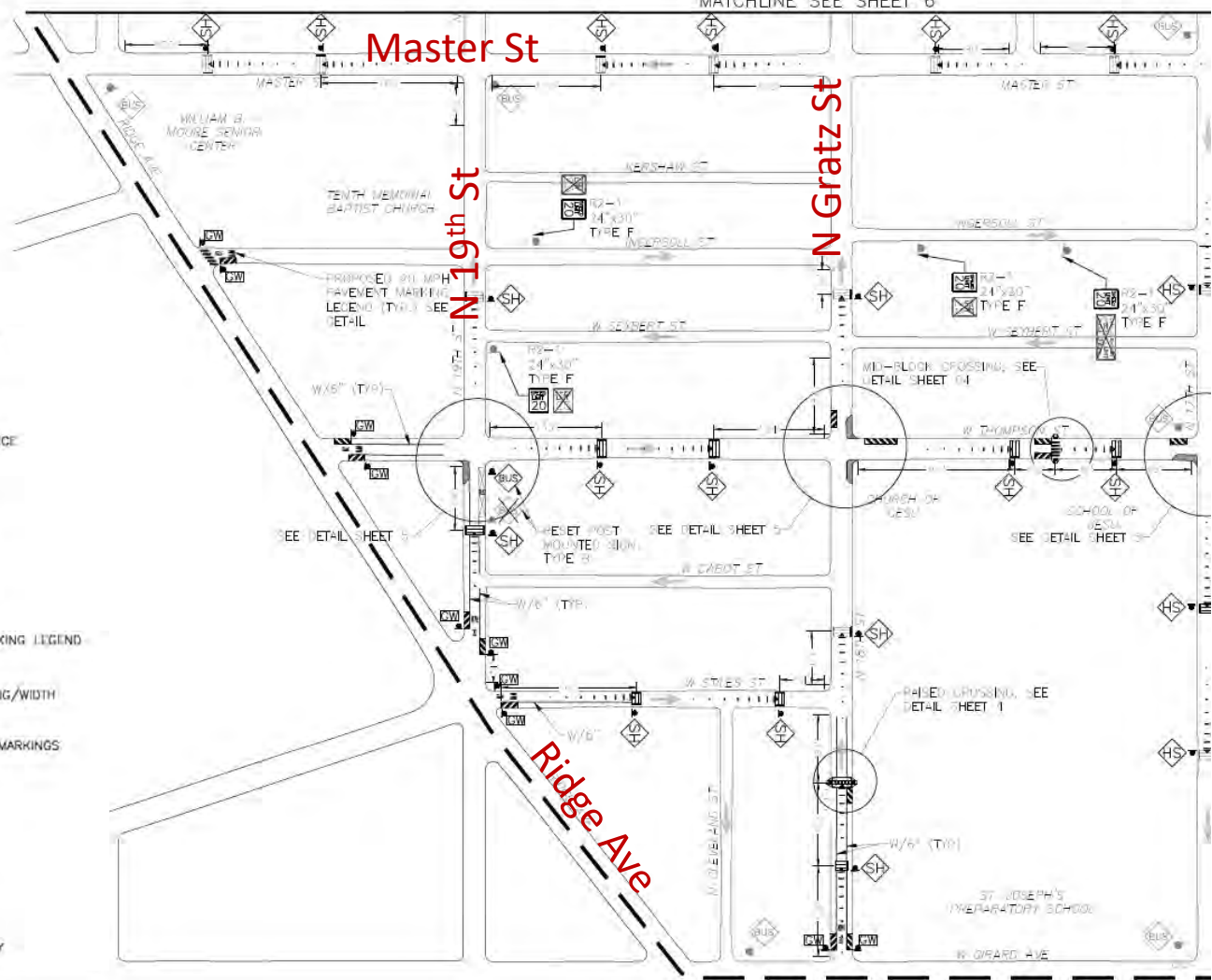
Master St

N Gratz St

N 19th St

Ridge Ave

-  SLOW ZONE BOUNDARY
-  TRAFFIC FLOW
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Thank you!

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