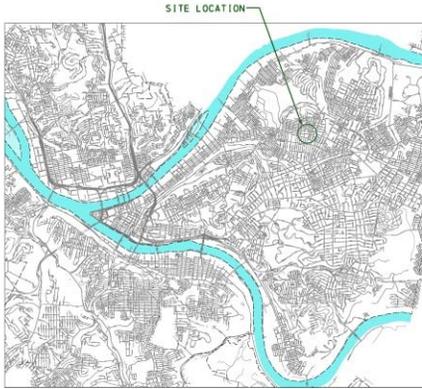


WELCOME TO THE
PENN AVENUE RECONSTRUCTION PHASE 2
Public Informational Open House
Thursday, February 6, 2020
6:30-7:30 P.M. Pittsburgh Glass Center



City of Pittsburgh
Department of Mobility and Infrastructure (DOMI)



Trans Associates Engineering Consultants, Inc.

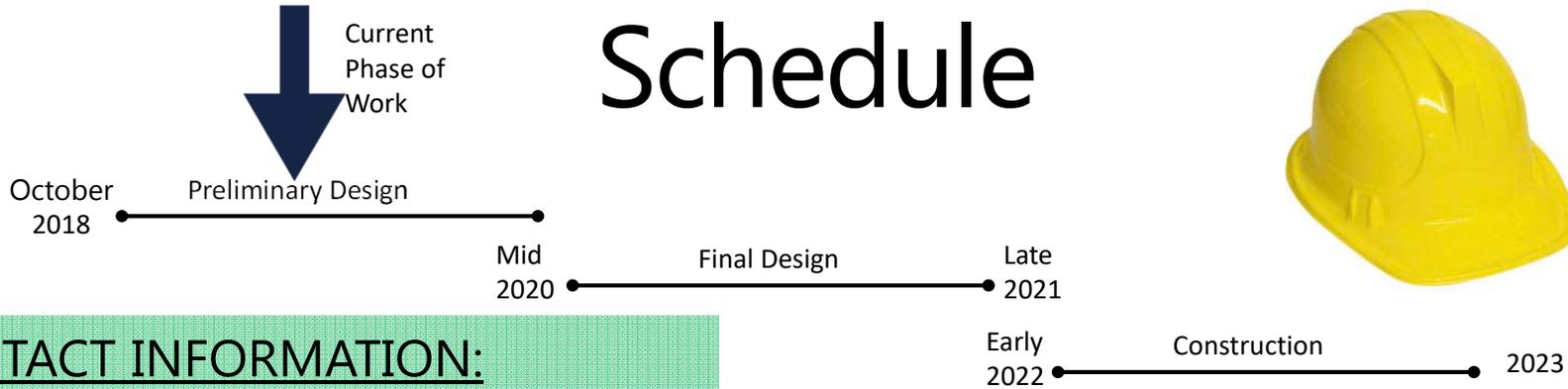
PLEASE:

- SIGN-IN AT THE FRONT TABLE
- REVIEW THE DISPLAYS
- STAFF IS HERE TO ANSWER QUESTIONS AND PROVIDE INFORMATION
- FILL OUT A COMMENT FORM AND RETURN AT THE END OF THE EVENING



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DEPARTMENT OF TRANSPORTATION

Penn Avenue Phase 2 Schedule



CONTACT INFORMATION:

Eric J. Setzler, P.E.
Chief Engineer
City of Pittsburgh Department of
Mobility and Infrastructure (DOMI)
Phone: 412-255-2883
E-Mail: eric.setzler@pittsburghpa.gov



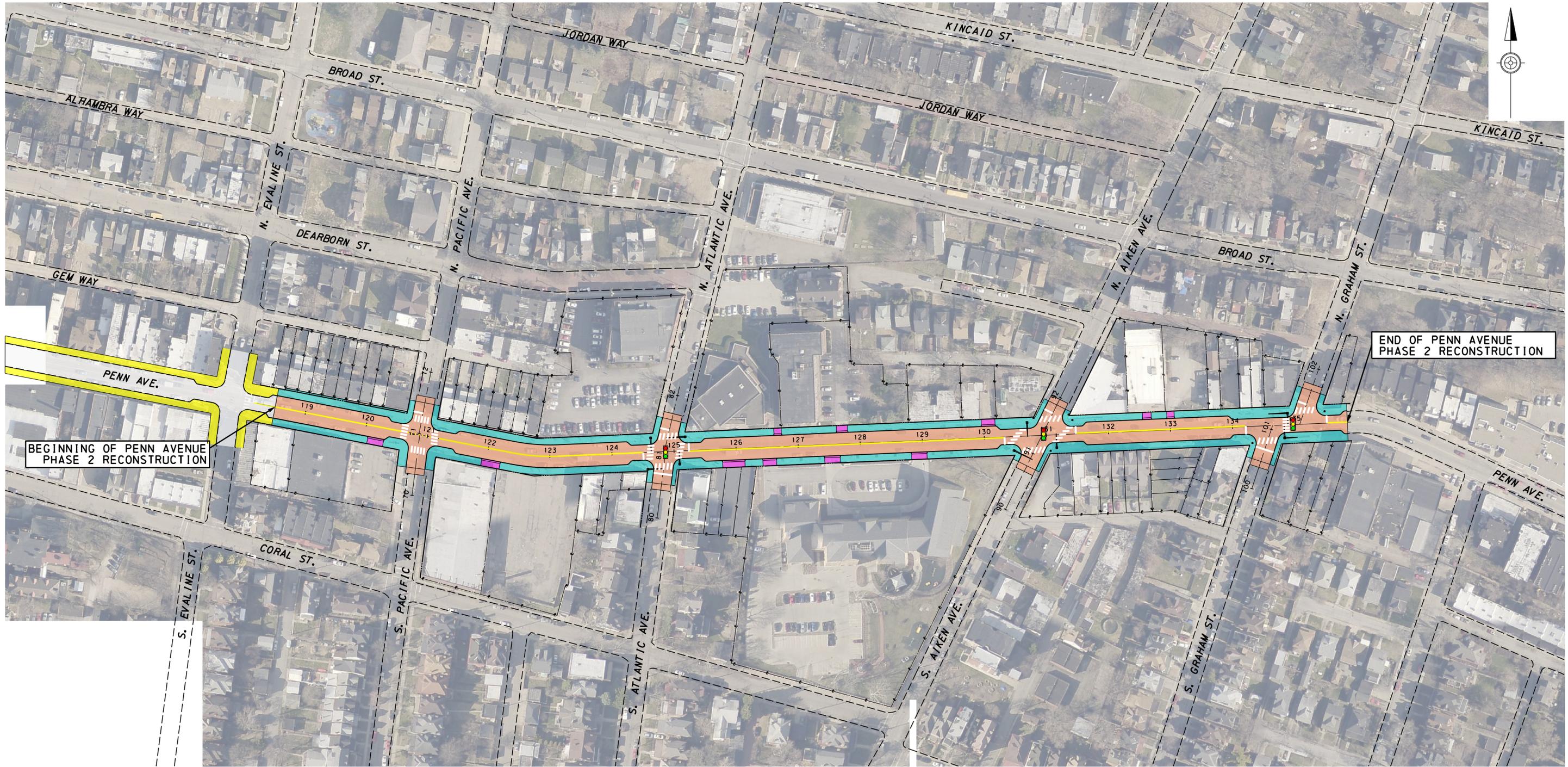
THANK YOU FOR ATTENDING THIS PUBLIC MEETING OUR OBJECTIVE IS TO:

- INFORM THE PUBLIC OF THE PROJECT'S PRELIMINARY DESIGN
- EXPLAIN AND ANSWER QUESTIONS ON THE DESIGN
- SOLICIT FEEDBACK WITH COMPLETED COMMENT FORMS



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Trans
ASSOCIATES



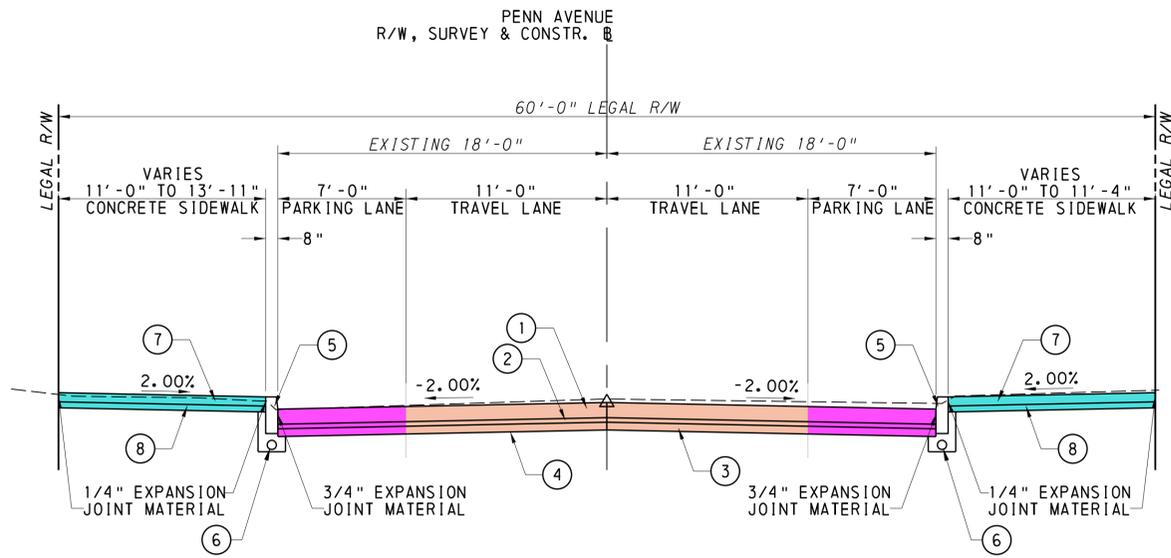
WORK SUMMARY

- FULL DEPTH RECONSTRUCTION FROM EVALINE STREET TO GRAHAM STREET
- NEW CONCRETE SIDEWALK WITH BUMPOUTS, ADA RAMPS, LIGHTING AND STREETSCAPE
- NEW TRAFFIC SIGNALS AT ATLANTIC AVENUE, AIKEN AVENUE, GRAHAM STREET INTERSECTIONS
- NEW SIGNING AND PAVEMENT MARKINGS
- DAYTIME WORK

| NEW WORK: | | LEGEND | | PREVIOUSLY COMPLETED WORK: | |
|-----------|-----------------------------|--------|--------------------------|----------------------------|-----------------------------|
| | - PROPOSED CURB CUT | | - PHASE 1 RECONSTRUCTION | | - PHASE 1 CONCRETE SIDEWALK |
| | - PROPOSED MAST ARM | | - LEGAL RIGHT-OF-WAY | | - PROPERTY LINE |
| | - PROPOSED PEDESTAL | | | | |
| | - PROPOSED TRAFFIC SIGNAL | | | | |
| | - FULL DEPTH RECONSTRUCTION | | | | |
| | - CONCRETE SIDEWALK | | | | |

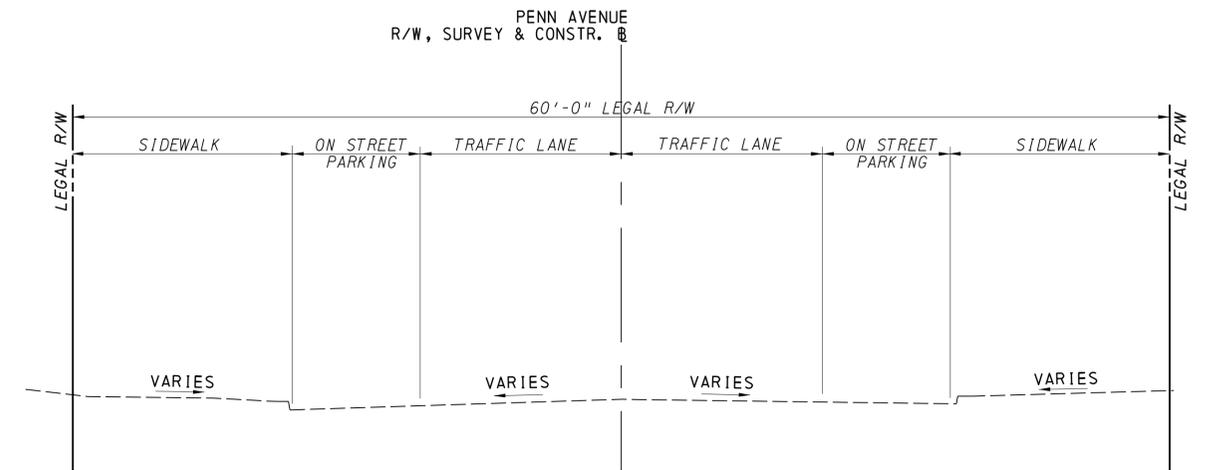


City of Pittsburgh
 Department of Mobility and Infrastructure
 Penn Avenue Phase 2 Reconstruction Project
 RECONSTRUCTION AREA



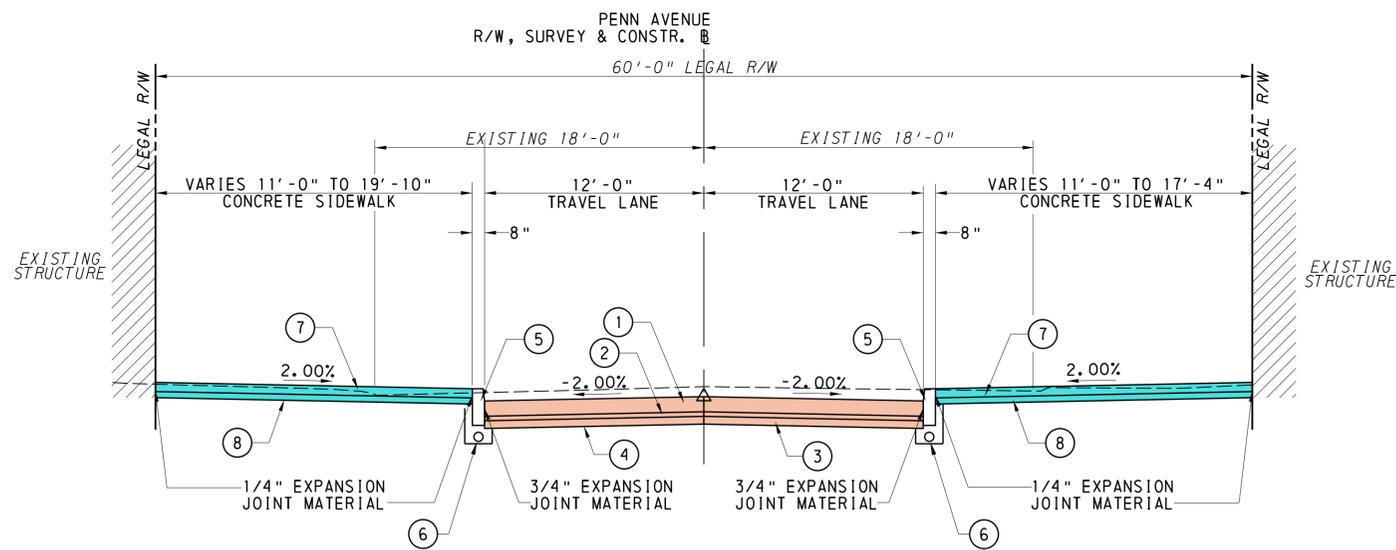
PENN AVENUE TYPICAL SECTION

N. T. S.
 STA. 118+50.35 TO STA. 120+30.93
 STA. 121+52.07 TO STA. 124+22.93
 STA. 125+52.07 TO STA. 130+17.93
 STA. 131+67.07 TO STA. 133+91.93
 STA. 135+82.07 TO STA. 135+85.00



PENN AVENUE EXISTING TYPICAL SECTION

N. T. S.



PENN AVENUE TYPICAL SECTION

N. T. S.
 STA. 120+30.93 TO STA. 121+52.07
 STA. 124+22.93 TO STA. 125+52.07
 STA. 130+17.93 TO STA. 131+67.07
 STA. 133+91.93 TO STA. 135+82.07

LEGEND

- ① REINFORCED CEMENT CONCRETE PAVEMENT, 10" DEPTH
- ② EITHER ASPHALT TREATED PERMEABLE BASE COURSE, 4" DEPTH OR CEMENT TREATED PERMEABLE BASE COURSE, 4" DEPTH
- ③ SUBBASE 4" DEPTH (NO. 2A)
- ④ GEOTEXTILE, CLASS 4, TYPE A
- ⑤ REINFORCED CEMENT CONCRETE DEEP CURB
- ⑥ 6" PAVEMENT BASE DRAIN
- ⑦ EXPOSED AGGREGATE CEMENT SIDEWALK, 6" DEPTH
- ⑧ SUBBASE (NO. 2A), 4" DEPTH - INCIDENTAL TO 7

LEGEND

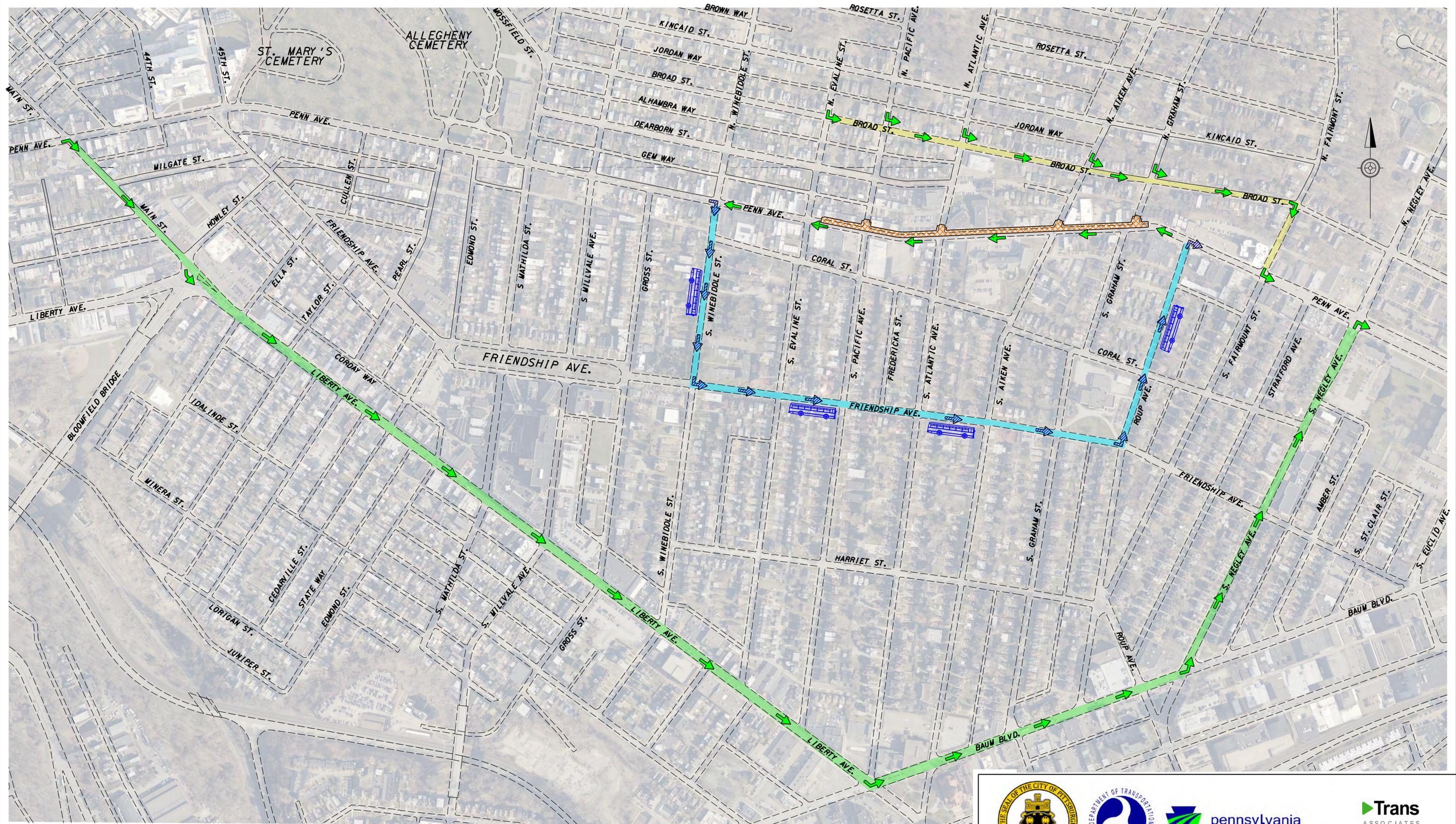
- NEW TRAVEL LANES
- NEW CONCRETE SIDEWALK
- NEW PARKING AREAS
- EXISTING PAVEMENT
- EXISTING STRUCTURE



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City of Pittsburgh
 Department of Mobility and Infrastructure
 Penn Avenue Phase 2 Reconstruction Project
 RECONSTRUCTION AREA



DETOUR SUMMARY

- PENN AVENUE RESTRICTED TO SINGLE LANE WESTBOUND FROM WINEBIDDLE STREET TO GRAHAM STREET
- PENN AVENUE EASTBOUND PRIMARY DETOUR SOUTH OF PROJECT TO FOLLOW:
MAIN STREET, LIBERTY AVENUE, BAUM BOULEVARD, SOUTH NEGLE Y AVENUE TO PENN AVENUE
PRIMARY DETOUR DISTANCE = 1.75 MILES
- PENN AVENUE EASTBOUND PRIMARY DETOUR NORTH OF PROJECT TO FOLLOW:
BROAD STREET, SOUTH FAIRMOUNT STREET TO PENN AVENUE
PRIMARY DETOUR DISTANCE = 0.56 MILES
- PENN AVENUE EASTBOUND BUS ROUTE DETOUR IS TO FOLLOW:
SOUTH WINEBIDDLE STREET, FRIENDSHIP AVENUE, ROUP AVENUE TO PENN AVENUE
BUS ROUTE DETOUR = 0.83 MILES

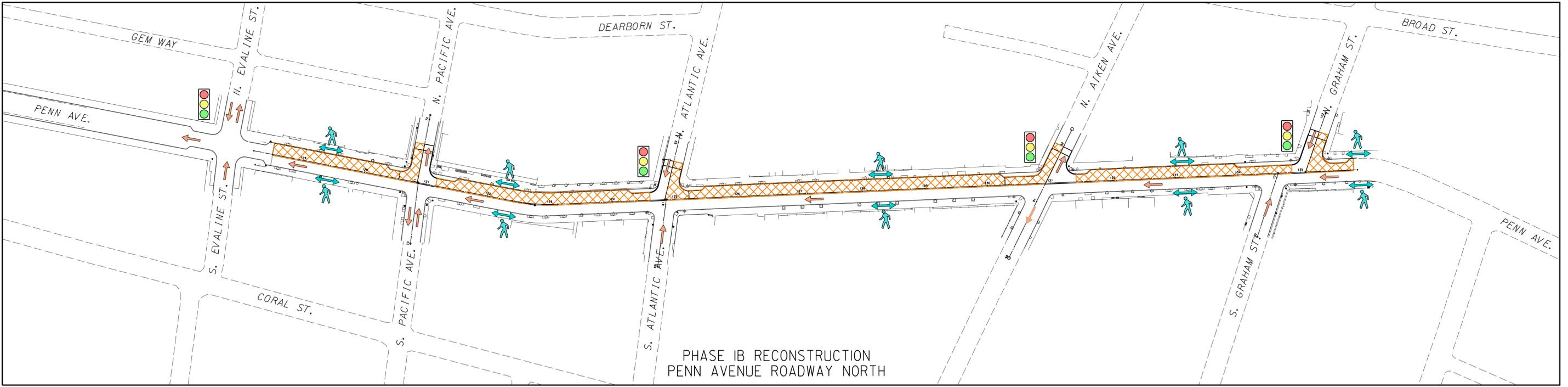
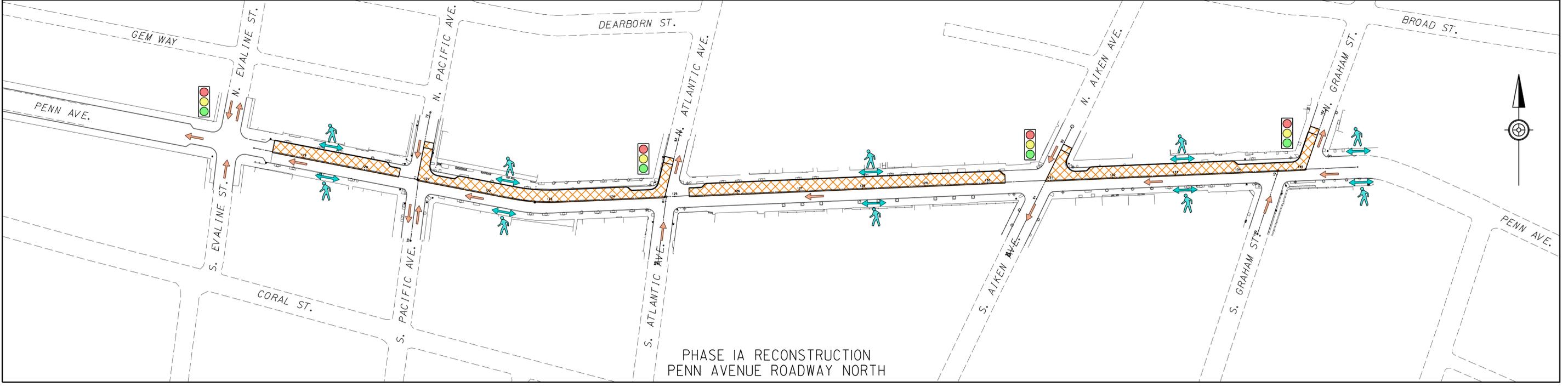


LEGEND

- CONSTRUCTION WORK AREA
- PRIMARY DETOUR ROUTE
- PORT AUTHORITY BUS DETOUR ROUTE



City of Pittsburgh
Department of Mobility and Infrastructure
Penn Avenue Phase 2 Reconstruction Project
DETOUR ROUTES



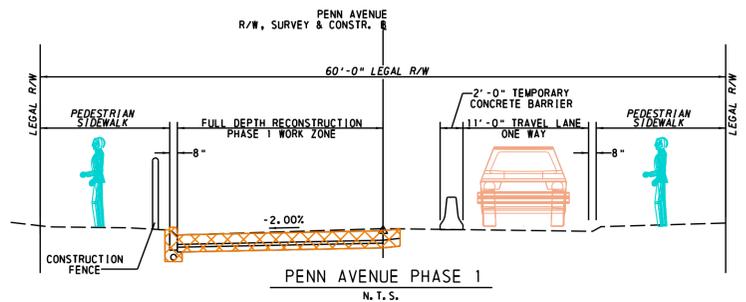
PHASE 1 SUMMARY

- FULL DEPTH RECONSTRUCTION OF WESTBOUND LANE OF PENN AVENUE
- SIDE STREETS TO NORTH WILL BE RECONSTRUCTED IN HALF WIDTHS SECTIONS
- PENN AVENUE AND SIDE STREETS TO THE NORTH WILL BE RESTRICTED TO SINGLE LANE TRAFFIC
- SIDEWALKS WILL REMAIN OPEN TO PEDESTRIANS WITH TEMPORARY CROSSWALKS PROVIDED.
- NO PEDESTRIAN DETOUR PROPOSED

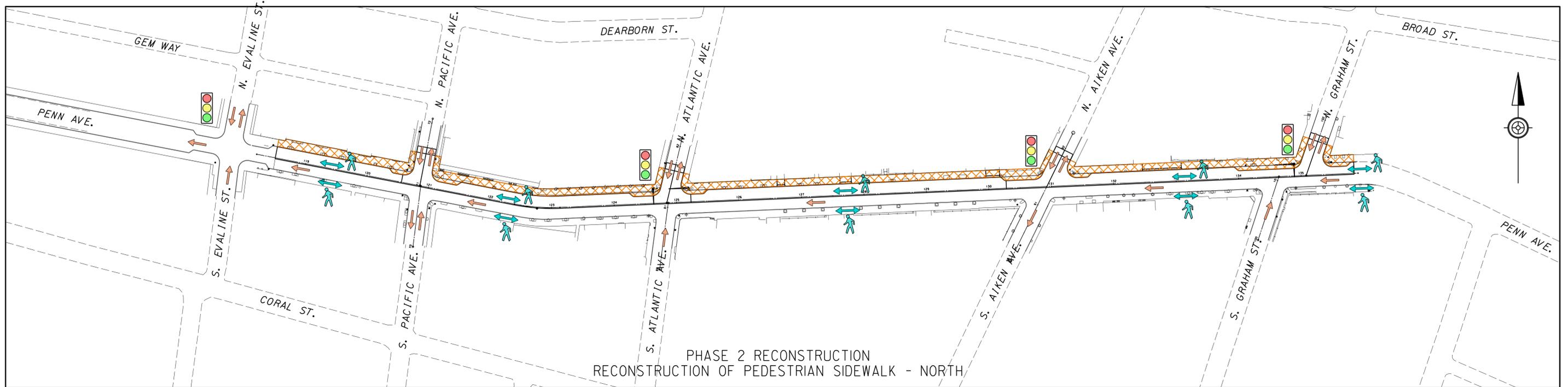


LEGEND

- = WORK AREA
- = VEHICLE TRAFFIC FLOW
- = PEDESTRIAN WALKWAY FLOW
- = SIGNALIZED INTERSECTION

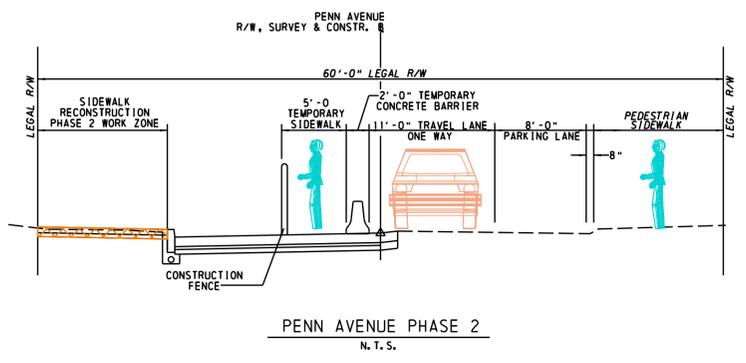


City of Pittsburgh
 Department of Mobility and Infrastructure
 Penn Avenue Phase 2 Reconstruction Project
 TRAFFIC CONTROL PLAN - PHASE I
 RECONSTRUCTION OF WESTBOUND ROADWAY



PHASE 2 SUMMARY

- RECONSTRUCTION OF SIDEWALK AND BUMPOUTS ON THE WESTBOUND LANE OF PENN AVENUE
- PENN AVENUE RESTRICTED TO SINGLE LANE TRAFFIC
- SIDE STREET TO THE NORTH REOPEN TO NORMAL TRAFFIC PATTERNS
- SIDEWALKS WILL REMAIN OPEN TO PEDESTRIANS WITH TEMPORARY CROSSWALKS PROVIDED.
- NO PEDESTRIAN DETOUR PROPOSED

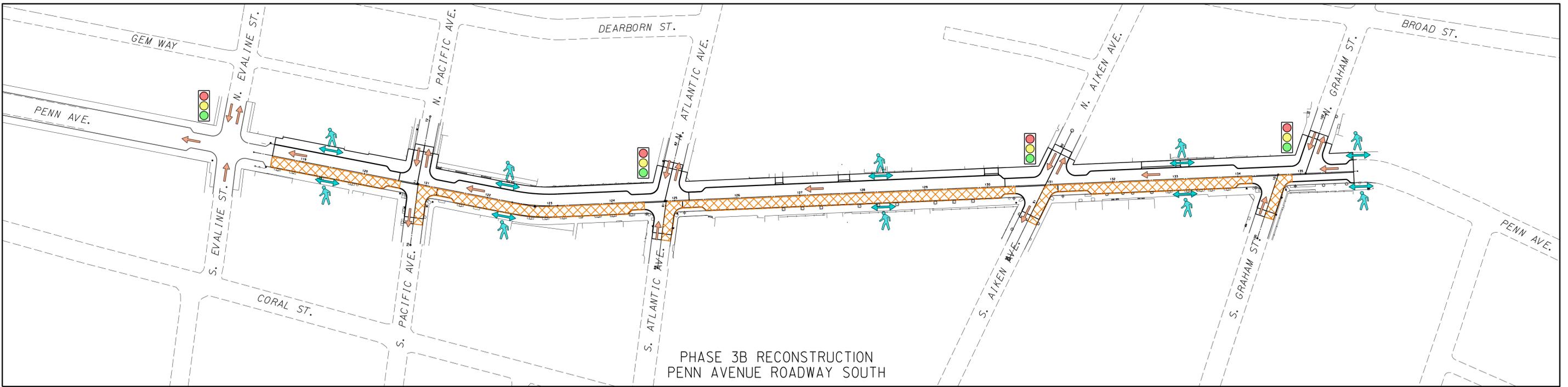
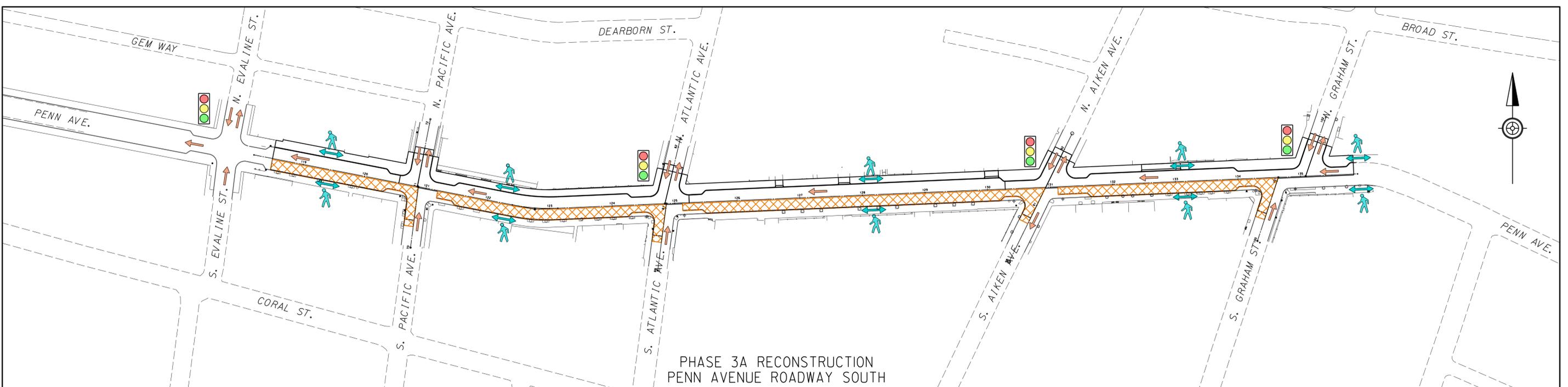


LEGEND

- = WORK AREA
- = VEHICLE TRAFFIC FLOW
- = PEDESTRIAN WALKWAY FLOW
- = SIGNALIZED INTERSECTION



City of Pittsburgh
Department of Mobility and Infrastructure
Penn Avenue Phase 2 Reconstruction Project
TRAFFIC CONTROL PLAN - PHASE 2
RECONSTRUCTION OF WESTBOUND SIDEWALK AND BUMPOUTS



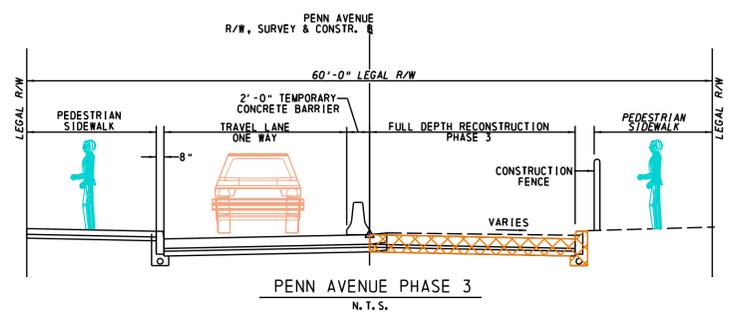
PHASE 3 SUMMARY

- FULL DEPTH RECONSTRUCTION OF EASTBOUND LANE OF PENN AVENUE
- SIDE STREETS TO SOUTH WILL BE RECONSTRUCTED IN HALF WIDTHS SECTIONS
- PENN AVENUE AND SIDE STREETS TO THE SOUTH WILL BE RESTRICTED TO SINGLE LANE TRAFFIC
- SIDEWALKS WILL REMAIN OPEN TO PEDESTRIANS WITH TEMPORARY CROSSWALKS PROVIDED
- NO PEDESTRIAN DETOUR PROPOSED

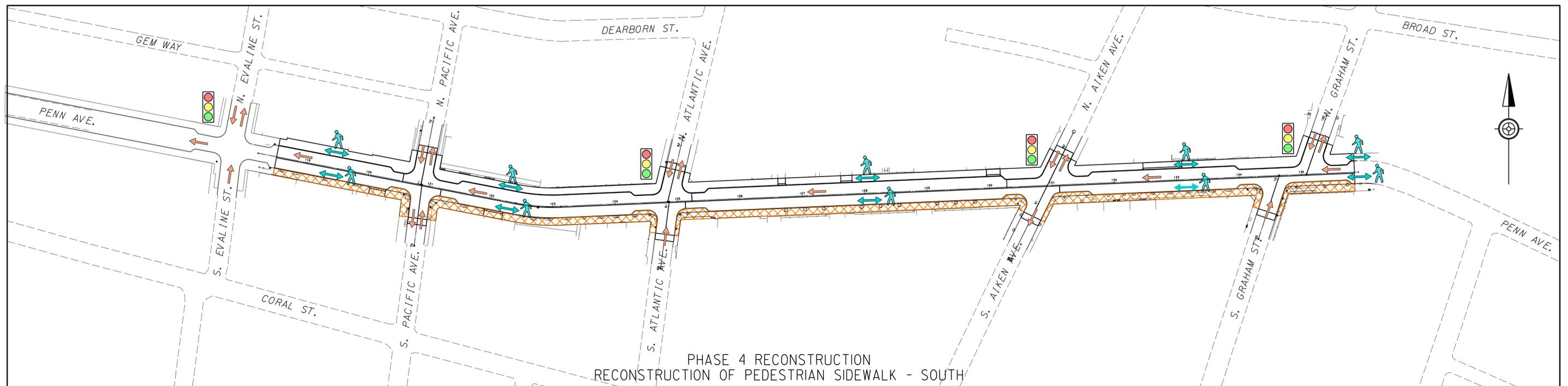


LEGEND

- = WORK AREA
- = VEHICLE TRAFFIC FLOW
- = PEDESTRIAN WALKWAY FLOW
- = SIGNALIZED INTERSECTION

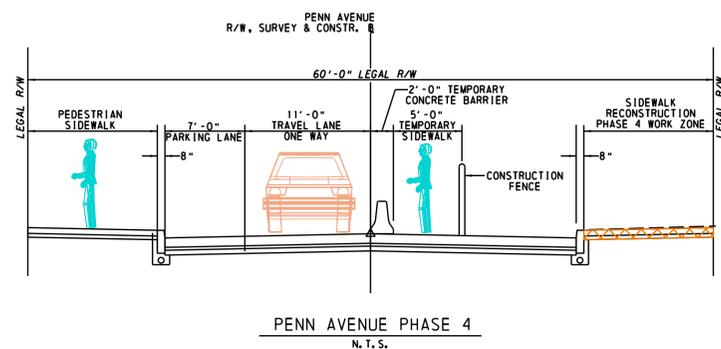


City of Pittsburgh
 Department of Mobility and Infrastructure
 Penn Avenue Phase 2 Reconstruction Project
 TRAFFIC CONTROL PLAN - PHASE 3
 RECONSTRUCTION OF EASTBOUND ROADWAY



PHASE 4 SUMMARY

- RECONSTRUCTION OF SIDEWALK AND BUMPOUTS ON THE EASTBOUND LANE OF PENN AVENUE
- PENN AVENUE RESTRICTED TO SINGLE LANE TRAFFIC
- SIDE STREET TO THE SOUTH REOPEN TO NORMAL TRAFFIC PATTERNS
- SIDEWALKS WILL REMAIN OPEN TO PEDESTRIANS WITH TEMPORARY CROSSWALKS PROVIDED
- NO PEDESTRIAN DETOUR PROPOSED



LEGEND

- = WORK AREA
- = VEHICLE TRAFFIC FLOW
- = PEDESTRIAN WALKWAY FLOW
- = SIGNALIZED INTERSECTION



City of Pittsburgh
Department of Mobility and Infrastructure
Penn Avenue Phase 2 Reconstruction Project
TRAFFIC CONTROL PLAN - PHASE 4
RECONSTRUCTION OF EASTBOUND SIDEWALK AND BUMPOUTS



PENN AVENUE PHASE 2
 Conceptual Site Plan/Illustration
 Penn Avenue/Pacific Avenue

Pittsburgh, PA



PENN AVENUE PHASE 2
Conceptual Site Plan/Illustration
 Penn Avenue/Aiken Avenue

Pittsburgh, PA



PENN AVENUE PHASE 2 Conceptual Site Plan/Illustration Penn Avenue/Aiken Avenue

Pittsburgh, PA





PENN AVENUE PHASE 2 Conceptual Site Plan/Illustration Penn Avenue/Graham Street

Pittsburgh, PA



- Concrete paving, typ.
- Unit pavers, typ.
- Street tree, typ.
- Bike rack, typ.
- Site bench, typ.
- Light fixture & traffic signal, typ.

- Site bench, typ.
- Trash/recycling receptacle, typ.
- Light fixture, typ.

PERSPECTIVE VIEW

