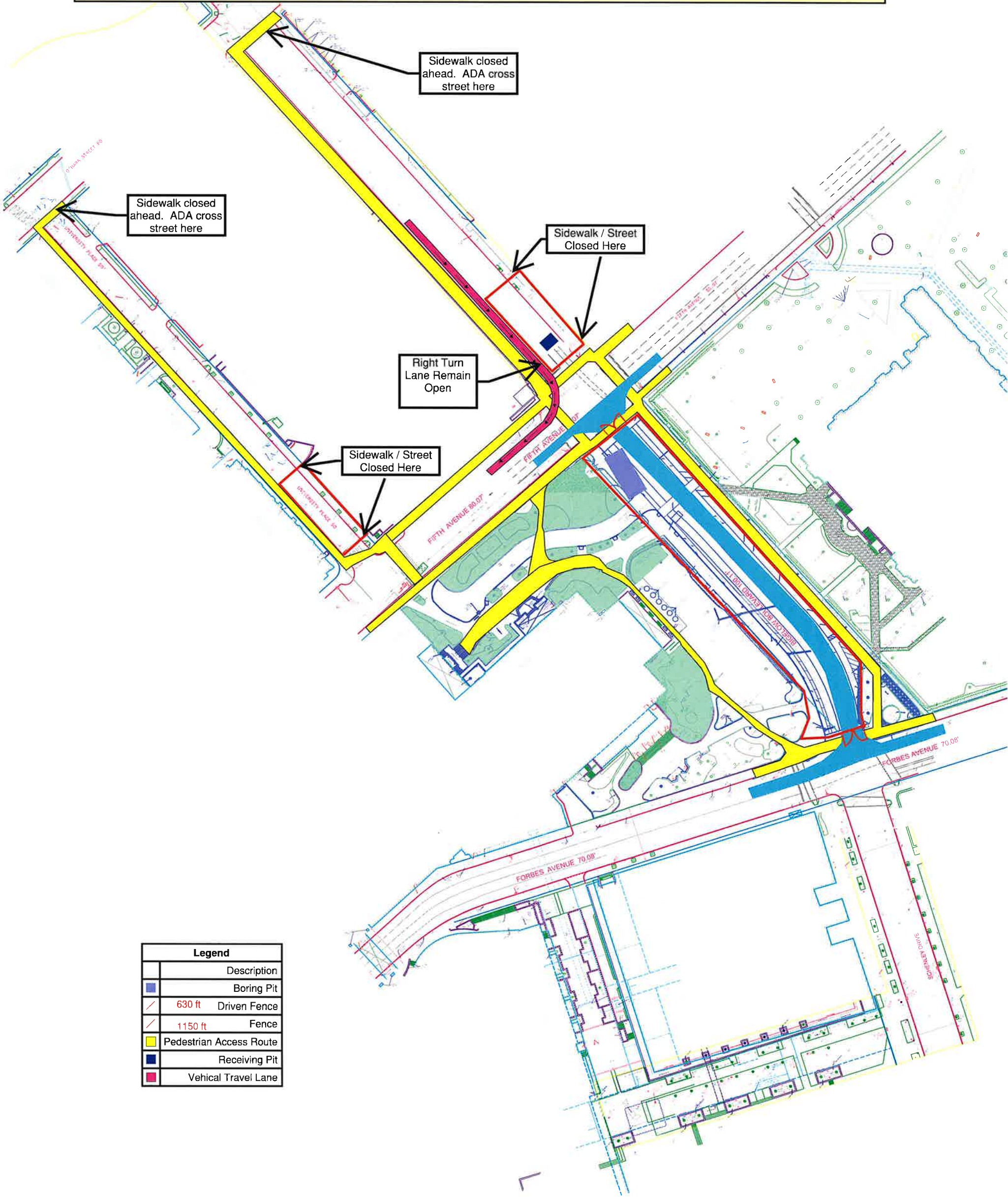


Phase 1 - Excavate Boring and Receiving Pit

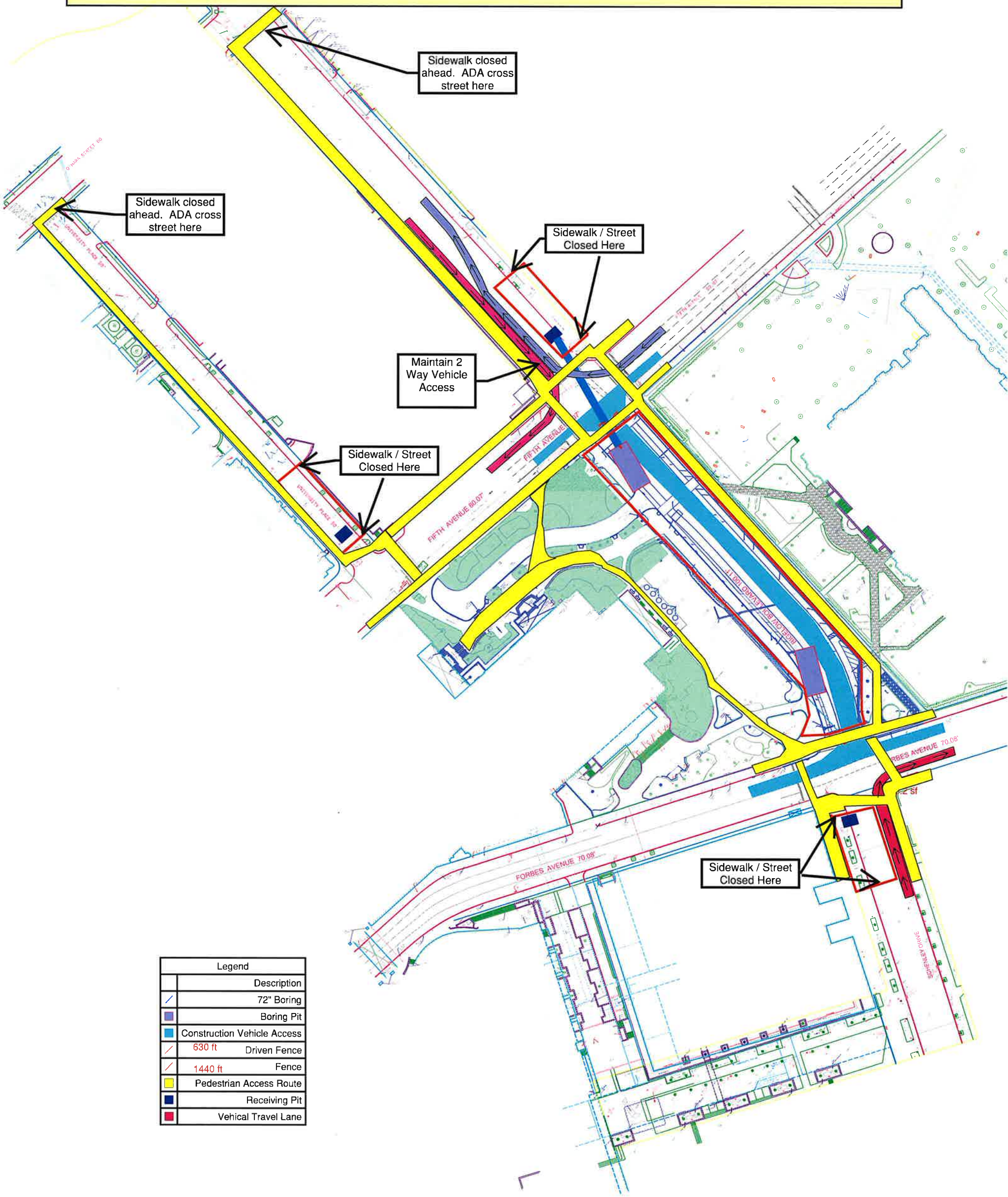
- Anticipated Nov 1, 2019 - Nov. 7, 2019
- Bigelow Blvd North of 5th Ave - North Bound Travel Lane, Bike Lane and Parking Lane Closed
- Southbound straight lane and bike lane closed. Southbound right turn lane open
- Bigelow Blvd. Sidewalk on PAA side road is closed in front of PAA
- University Place closed for exploratory work to determine final routing of 16" CHW.



Legend	
Description	
Boring Pit	Blue Square
630 ft Driven Fence	Red Line with diagonal slash
1150 ft Fence	Red Line
Pedestrian Access Route	Yellow Line
Receiving Pit	Red Square
Vehical Travel Lane	Red Line

Phase 2 - Bore Under 5th Ave. - Excavate Boring and Receiving Pits for Forbes Ave Crossing

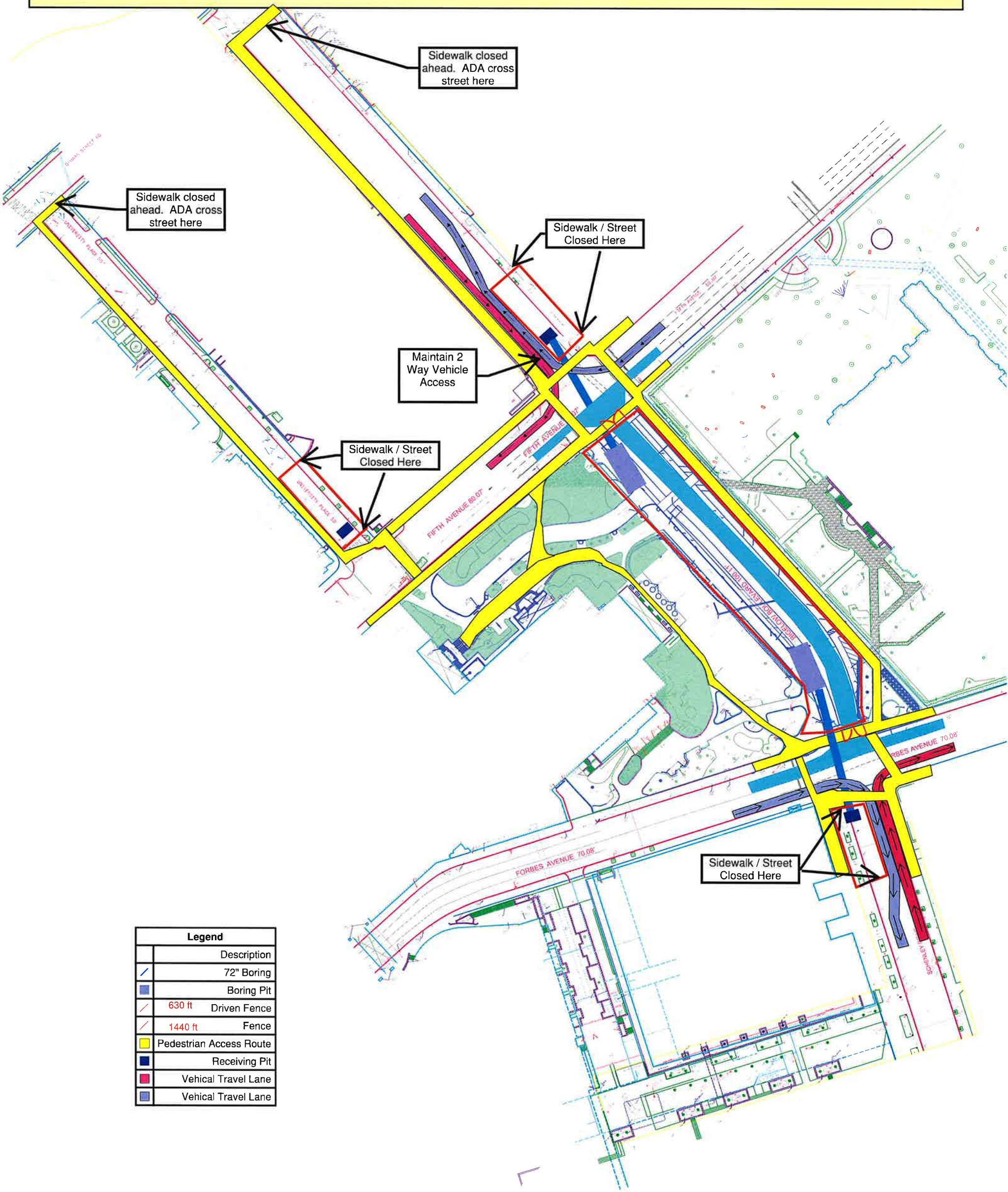
- Anticipated Nov 8, 2019 - Nov 15, 2019
- Bigelow Blvd, North of 5th Ave, still limited to 2 lanes until work completed. (Anticipated 12-21-19)
- Sidewalk from 5th Ave to PAA Hotel will be closed until 5th & Bigelow receiving pit complete. (Anticipated 12-19-19)
- University Place still closed for exploratory work and 16" CHW receiving pit excavation.
- Schenley Drive, South of Forbes Ave, south bound parking lane, through lane and north bound through lane closed
- Schenley Drive - North bound right turn lane remains open



Legend	
Description	
72" Boring	
Boring Pit	
Construction Vehicle Access	
630 ft Driven Fence	
1440 ft Fence	
Pedestrian Access Route	
Receiving Pit	
Vehical Travel Lane	

Phase 3 - Bore Under Forbes Ave. and Install 24" Pipe

- Anticipated Nov. 16, 2019 - Dec. 16, 2019
- Bigelow Blvd, North of 5th Ave, still limited to 2 lanes of traffic until work completed. (Anticipated 12-21-19)
- University Place remains closed
- Schenley Drive Southbound parking lane, through lane, bike lane closed. Northbound through lane converted to southbound Lane for right turns from Forbes Ave..
- Boring Operation at Forbes Ave will begin once 5th Ave Bore is complete
- Schenley Drive - North bound right turn lane remains open

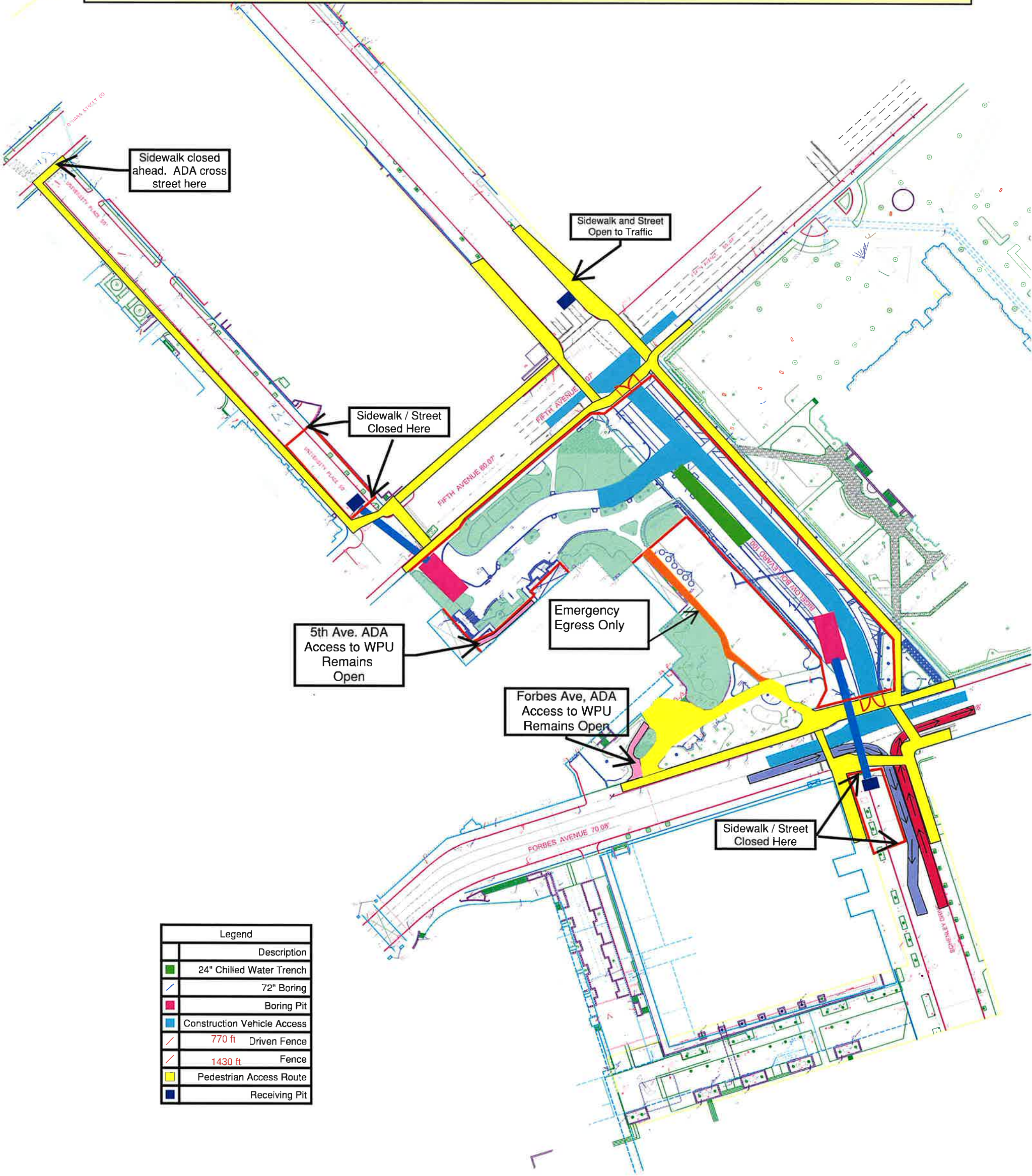


Legend	
Description	
72" Boring	
Boring Pit	
630 ft Driven Fence	
1440 ft Fence	
Pedestrian Access Route	
Receiving Pit	
Vehicle Travel Lane	
Vehicle Travel Lane	

Phase 4 - Bore Under 5th Ave at University Place

Anticipated Dec 16, 2019 - Feb, 7, 2020

- Work at 5th & Bigelow Receiving Pit is complete. Street and sidewalk opened. (Anticipated 12-21-19)
- Day long closure (s) will be needed at the 5th and Bigelow Receiving pit later to complete CHW work. (TBD)
- Access to William Pitt Union on 5th Ave Side is closed to all pedestrian traffic.
- Boring Forbes Ave crossing still on going.
- Open cut for 24" CHW lines still ongoing
- Boring 16" CHW under 5th Ave to University Place begins
- University Place remains closed during boring for 16" CHW



Sidewalk closed ahead. ADA cross street here

Sidewalk and Street Open to Traffic

Sidewalk / Street Closed Here

5th Ave. ADA Access to WPU Remains Open

Emergency Egress Only

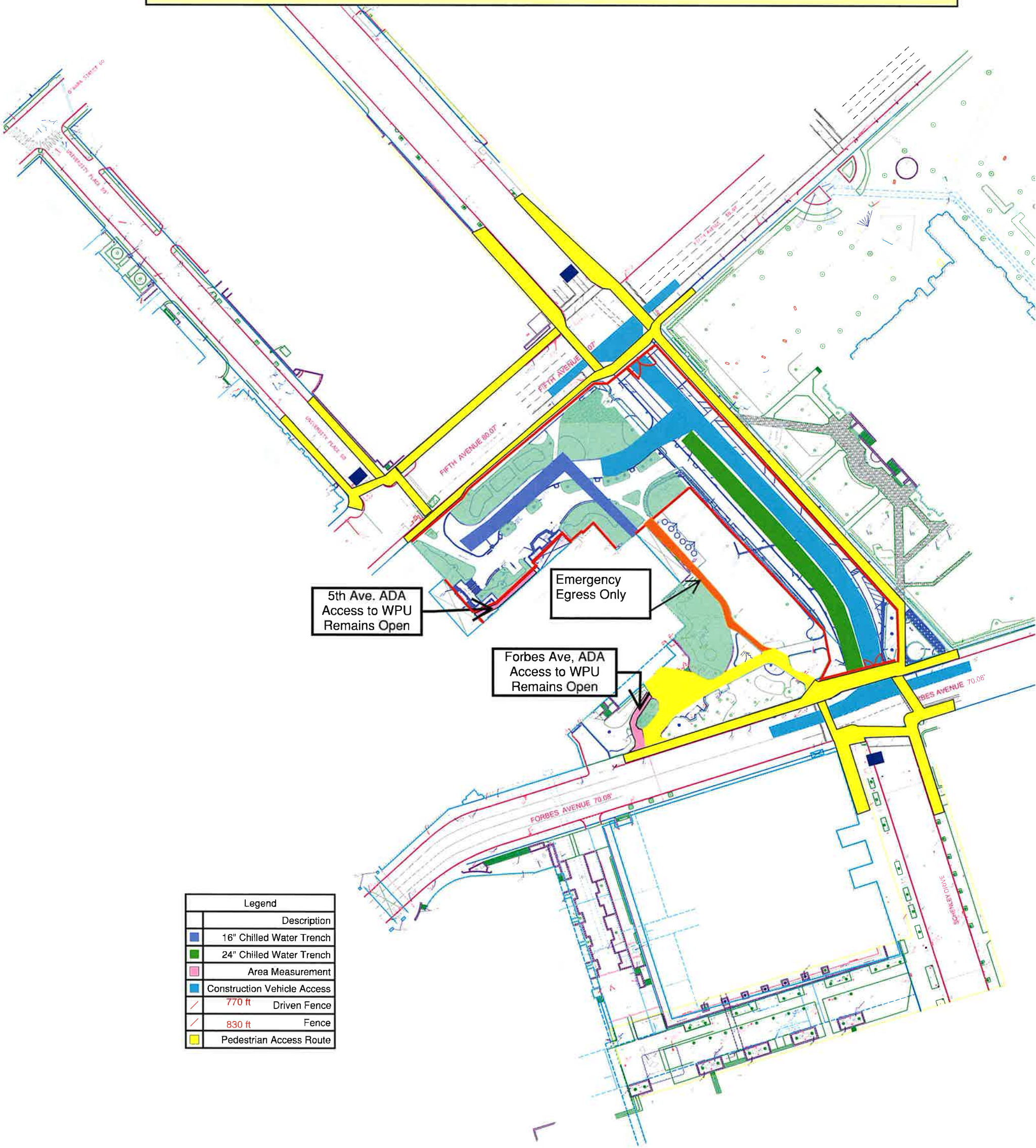
Forbes Ave, ADA Access to WPU Remains Open

Sidewalk / Street Closed Here

Legend	
	Description
■	24" Chilled Water Trench
/	72" Boring
■	Boring Pit
■	Construction Vehicle Access
/	770 ft Driven Fence
/	1430 ft Fence
■	Pedestrian Access Route
■	Receiving Pit

Phase 5 - All Boring Complete - 24" & 16" CHW Installation

- Anticipated - Feb.8, 2020 to April 23, 2020
- Boring and installation of 16" CHW at University Place is complete and ready for tie in.
- University Place open to traffic. Closure will be required in April to perform tie in at 14" CHW lines
- Day long closure (s) will be needed at the University and Schenley Drive receiving pit later to complete CHW work. (TBD)
- Open cut and installation of 24" CHW on Bigelow is ongoing
- Open cut and installation of 16" CHW at WPU is ongoing
- Bigelow Blvd. and William Pitt Union Plaza work begins



5th Ave. ADA
Access to WPU
Remains Open

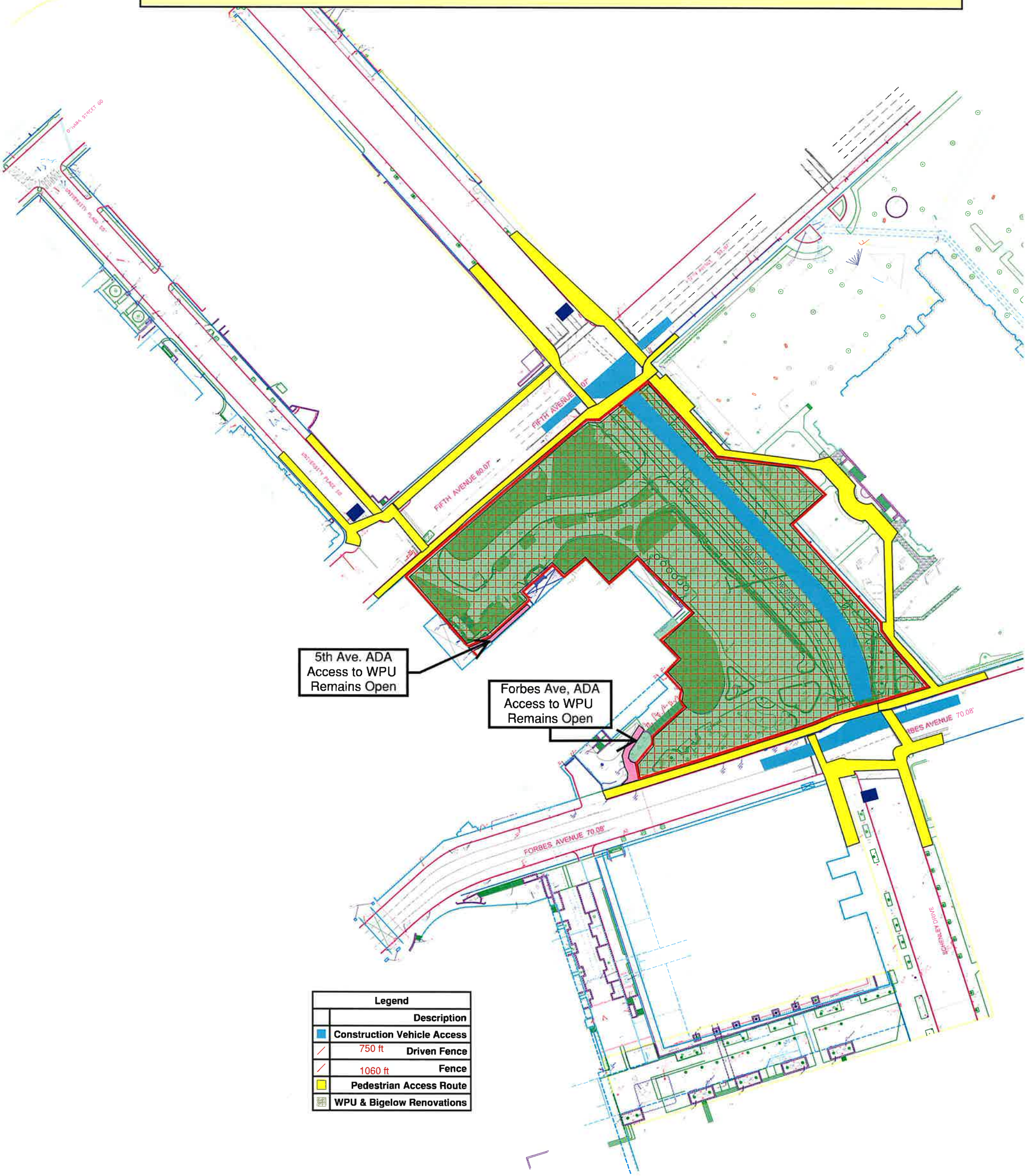
Emergency
Egress Only

Forbes Ave, ADA
Access to WPU
Remains Open

Legend	
	Description
■	16" Chilled Water Trench
■	24" Chilled Water Trench
■	Area Measurement
■	Construction Vehicle Access
/	770 ft Driven Fence
/	830 ft Fence
■	Pedestrian Access Route

Phase 6A - 14" & 16" CHW complete - WPU / Bigelow Blvd Renovations

- Anticipated - April 24, 2020 - July 31, 2020
- Once Spring term ends, close off remaining portion of WPU and Bigelow Blvd leaving only the perimeter sidewalks open
- Complete remaining work associated with Chilled Water and WPU and Bigelow Blvd Renovations



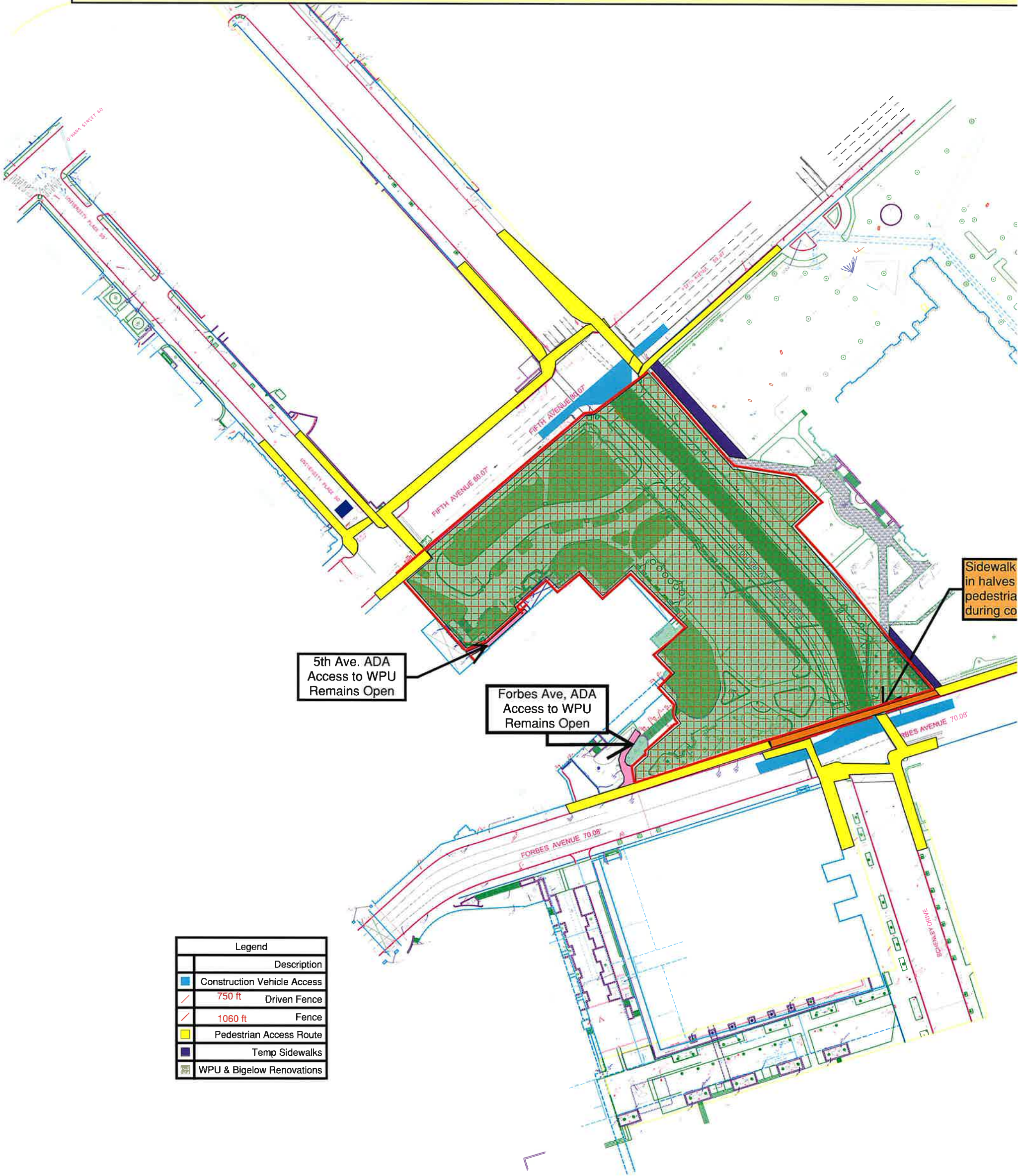
5th Ave. ADA
Access to WPU
Remains Open

Forbes Ave, ADA
Access to WPU
Remains Open

Legend	
Description	
Construction Vehicle Access	Blue line
750 ft Driven Fence	Red line with diagonal hatching
1060 ft Fence	Solid red line
Pedestrian Access Route	Yellow line
WPU & Bigelow Renovations	Green hatched area

Phase 6B - Perimeter Sidewalks, Cross Walks and Finishes

- Anticipated - April 28, 2020 - July 31, 2020 - **3 weeks during this phase**
- Push out fence boundaries to included perimeter sidewalks and cross walks
- Pedestrian traffic routed to opposite side of 5th and Forbes Ave
- Sidewalk and Cross on Forbes Ave. will be constructed 1/2 at a time to permit pedestrian access
- Construct sidewalks and crosswalks



5th Ave. ADA
Access to WPU
Remains Open

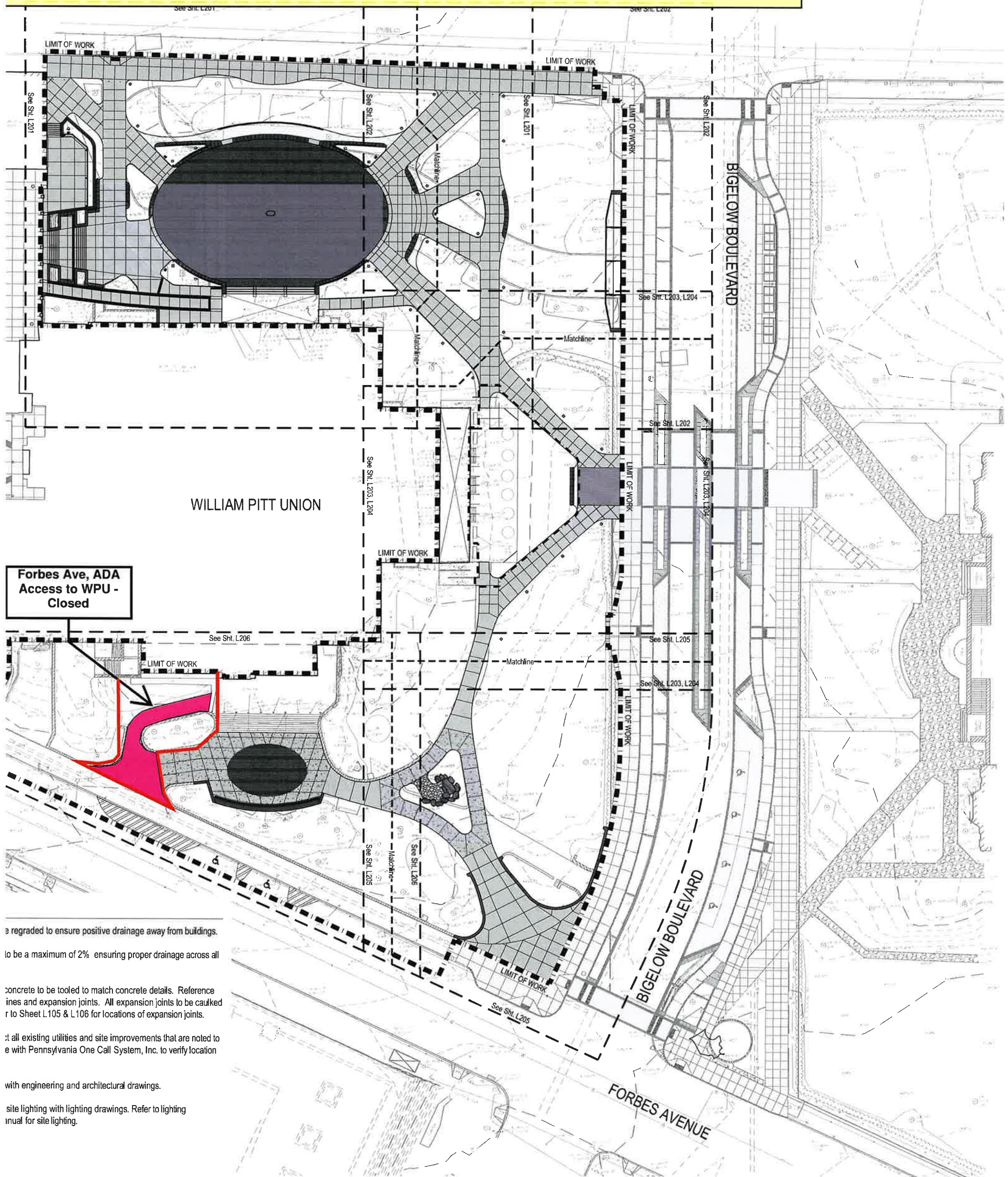
Forbes Ave, ADA
Access to WPU
Remains Open

Sidewalk
in halves
pedestria
during co

Legend	
	Description
	Construction Vehicle Access
	750 ft Driven Fence
	1060 ft Fence
	Pedestrian Access Route
	Temp Sidewalks
	WPU & Bigelow Renovations

Phase 7 - ADA Ramp at Forbes Ave Entrance

Anticipated - Aug. 1, 2020 - Aug. 15, 2020
 Bigelow Blvd Renovations are complete
 MPU Renovations are complete and 5th Ave Entrance is opened. Close ADA Ramp at Forbes Ave Entrance
 Remove and replace sidewalks at Forbes Ave ADA Ramp Area



**Forbes Ave, ADA
 Access to WPU -
 Closed**

- 3. Regraded to ensure positive drainage away from buildings.
- 4. Slope to be a maximum of 2% ensuring proper drainage across all
- 5. Concrete to be tooled to match concrete details. Reference matchlines and expansion joints. All expansion joints to be caulked per details. Refer to Sheet L.105 & L.106 for locations of expansion joints.
- 6. Verify all existing utilities and site improvements that are noted to be in place with Pennsylvania One Call System, Inc. to verify location and depth.
- 7. Coordinate with engineering and architectural drawings.
- 8. Coordinate site lighting with lighting drawings. Refer to lighting drawings for site lighting.