

# ALLEGHENY RIVER TUNNEL FINAL DESIGN

ALCOSAN  
MAP 1 OF 4

**Legend**

- Proposed Boring Locations



MAP 2 OF 4

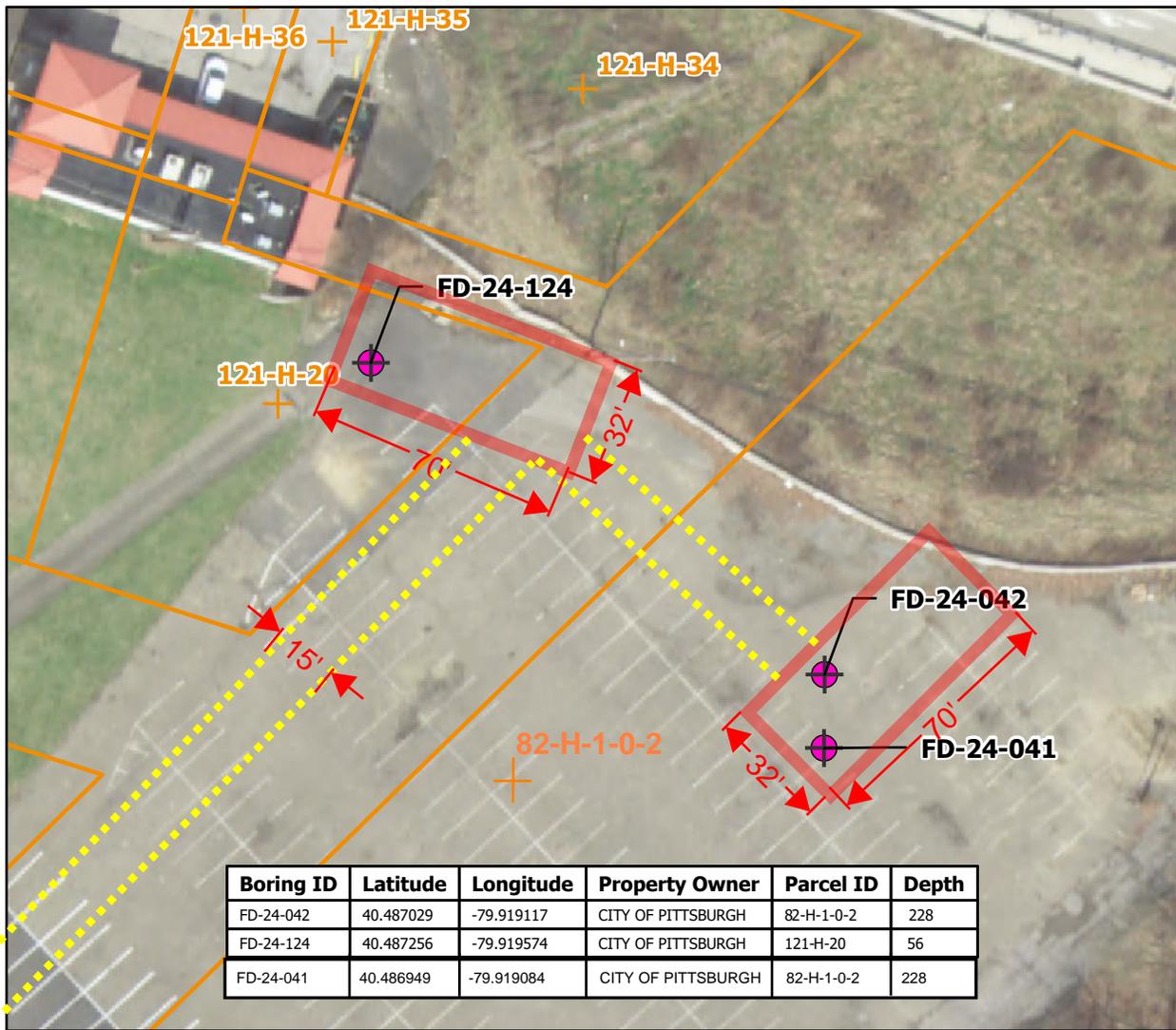
MAP 3 OF 4

MAP 4 OF 4

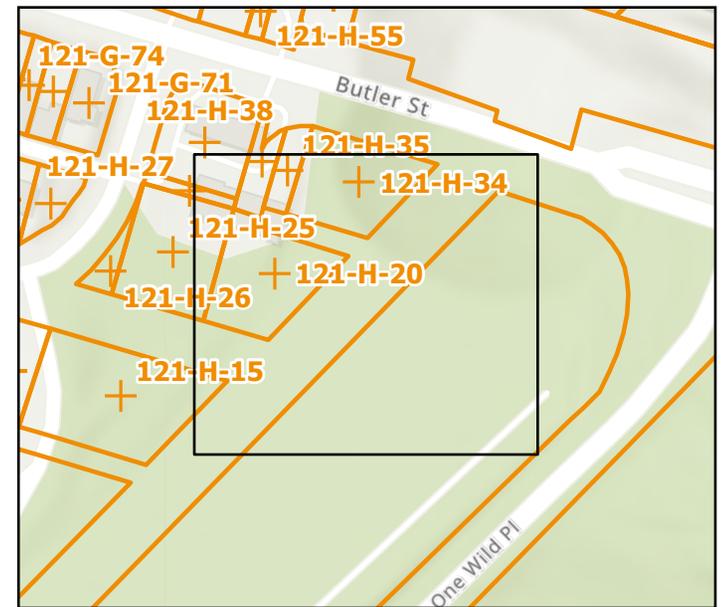
Google Earth

2000 ft





Boring ID	Latitude	Longitude	Property Owner	Parcel ID	Depth
FD-24-042	40.487029	-79.919117	CITY OF PITTSBURGH	82-H-1-0-2	228
FD-24-124	40.487256	-79.919574	CITY OF PITTSBURGH	121-H-20	56
FD-24-041	40.486949	-79.919084	CITY OF PITTSBURGH	82-H-1-0-2	228



**LEGEND**

- River Flow Direction
- Parcel Centroids
- Parcel Boundaries
- Workspace
- Proposed Access
- Boring Inclination (deg) Vertical
- Boring Inclination (deg) Angled

**PROPOSED SITE ACCESS**

Your parcel will be accessed via the Zoo Parking Lot Road.

**ESTIMATED DURATION OF DISTURBANCE**

Five (5) weeks from start of work.

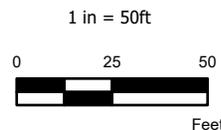
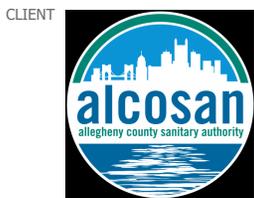
Borings FD-24-041 and FD-24-124 will require the installation of monitoring equipment. These will be flush-mounted at ground level to minimize any disruption or visibility. WSP will need to perform periodic visits to the boring locations to collect monitoring data.

**ADDITIONAL NOTES**

Approximately 70'x32'x30' (l x w x h) of temporary workspace will be needed around the boring location to safely accommodate two full-size pickup trucks and a truck-mounted drill rig with a 30-foot-high derrick/mast. Vehicles and other objects in the temporary workspace area will need to be moved. Approximate 15' wide access path from street to work zone will be needed.

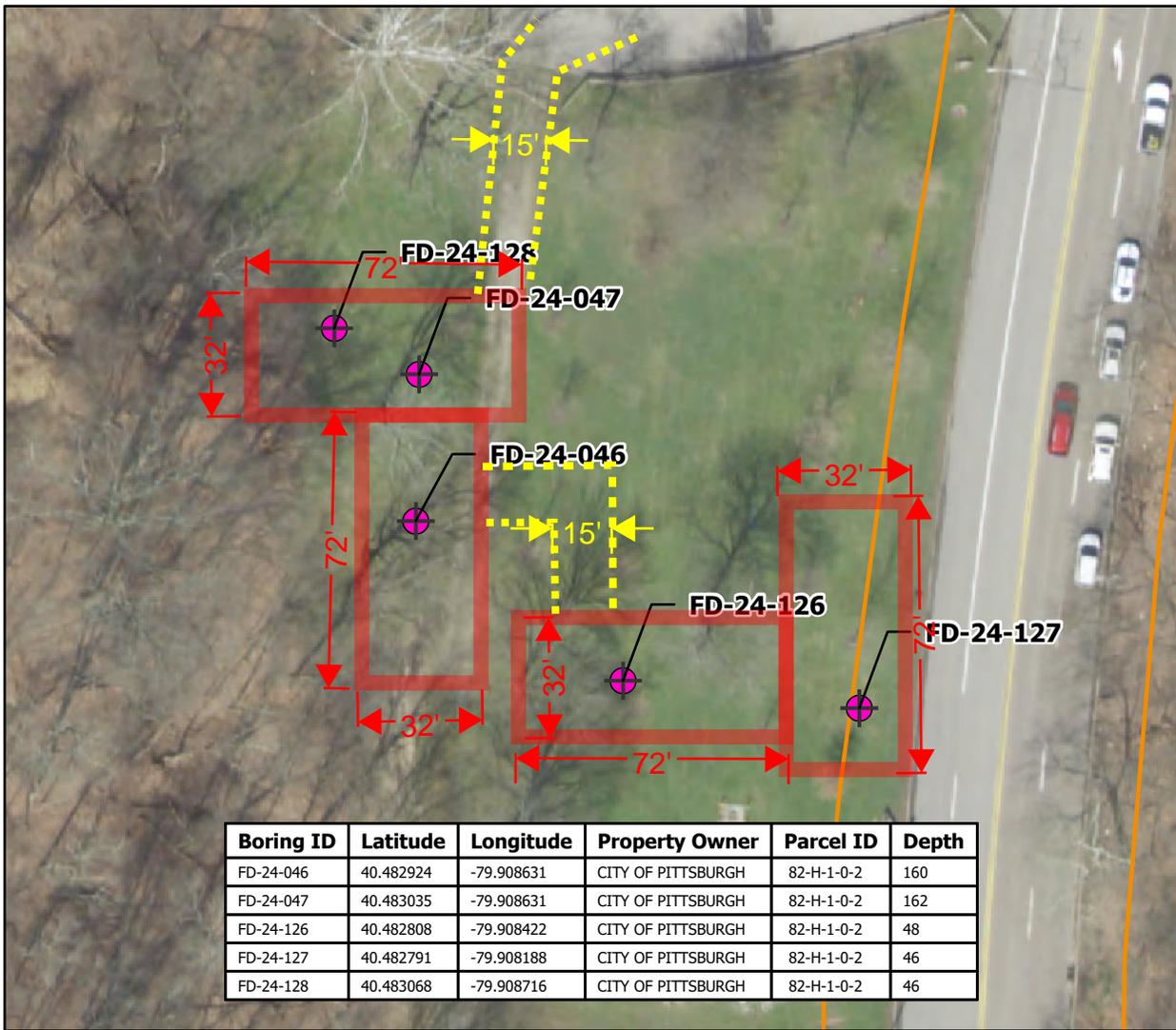
Please be aware that the proposed boring locations depicted are subject to reasonable adjustments to avoid underground and overhead utilities.

PROJECT	TITLE	FIGURE	MAP
ALLEGHENY RIVER TUNNEL FINAL DESIGN	NOTICE TO ENTER LAND EXHIBIT	A41	2 OF 4

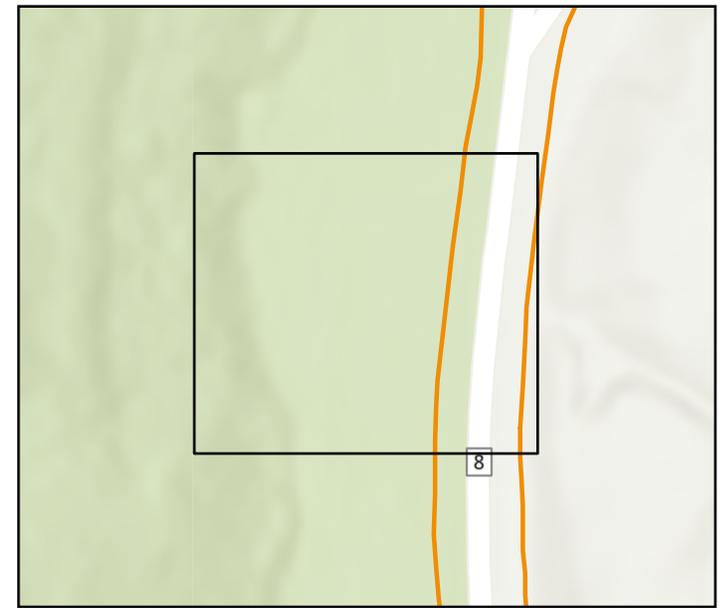


YYYY-MM-DD	9/25/2025
DESIGNED	IMS
PREPARED	IMS
REVIEWED	MGB
APPROVED	MGB

REFERENCE(S)  
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Boring ID	Latitude	Longitude	Property Owner	Parcel ID	Depth
FD-24-046	40.482924	-79.908631	CITY OF PITTSBURGH	82-H-1-0-2	160
FD-24-047	40.483035	-79.908631	CITY OF PITTSBURGH	82-H-1-0-2	162
FD-24-126	40.482808	-79.908422	CITY OF PITTSBURGH	82-H-1-0-2	48
FD-24-127	40.482791	-79.908188	CITY OF PITTSBURGH	82-H-1-0-2	46
FD-24-128	40.483068	-79.908716	CITY OF PITTSBURGH	82-H-1-0-2	46



**LEGEND**

- River Flow Direction
- Parcel Centroids
- Vertical
- Parcel Boundaries
- Angled
- Workspace
- Proposed Access

**PROPOSED SITE ACCESS**

Your parcel will be accessed via the trail from the southern side of the parking lot.

**ESTIMATED DURATION OF DISTURBANCE**

Six (6) weeks from start of work. Trail access may be limited during this time.

Borings FD-24-046, FD-24-047, FD-24-126, will require the installation of monitoring equipment. These will be flush-mounted at ground level to minimize any disruption or visibility. WSP will need to perform periodic visits to the boring locations to collect monitoring data.

**ADDITIONAL NOTES**

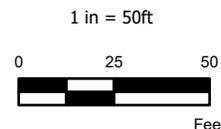
Approximately 70'x32'x30' (l x w x h) of temporary workspace will be needed around the boring location to safely accommodate two full-size pickup trucks and a truck-mounted drill rig with a 30-foot-high derrick/mast. Vehicles and other objects in the temporary workspace area will need to be moved. Approximate 15' wide access path from street to work zone will be needed.

Please be aware that the proposed boring locations depicted are subject to reasonable adjustments to avoid underground and overhead utilities.

PROJECT	TITLE	FIGURE	MAP
ALLEGHENY RIVER TUNNEL FINAL DESIGN	NOTICE TO ENTER LAND EXHIBIT	A42	3 OF 4



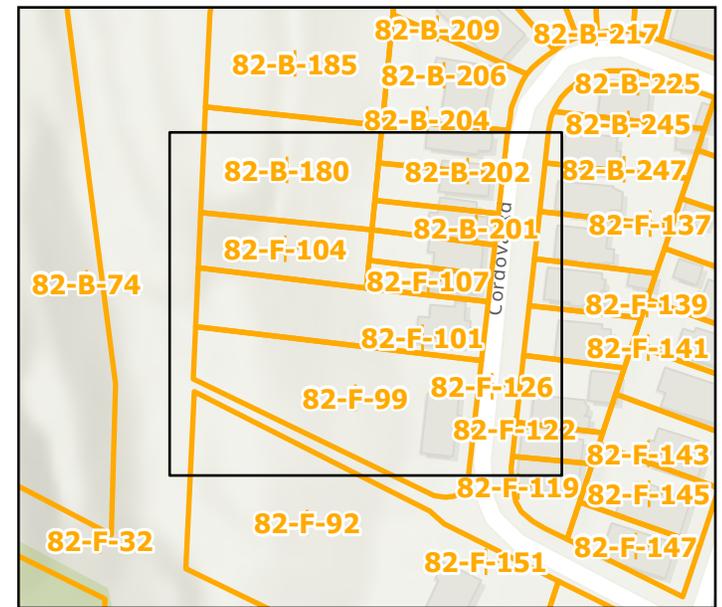
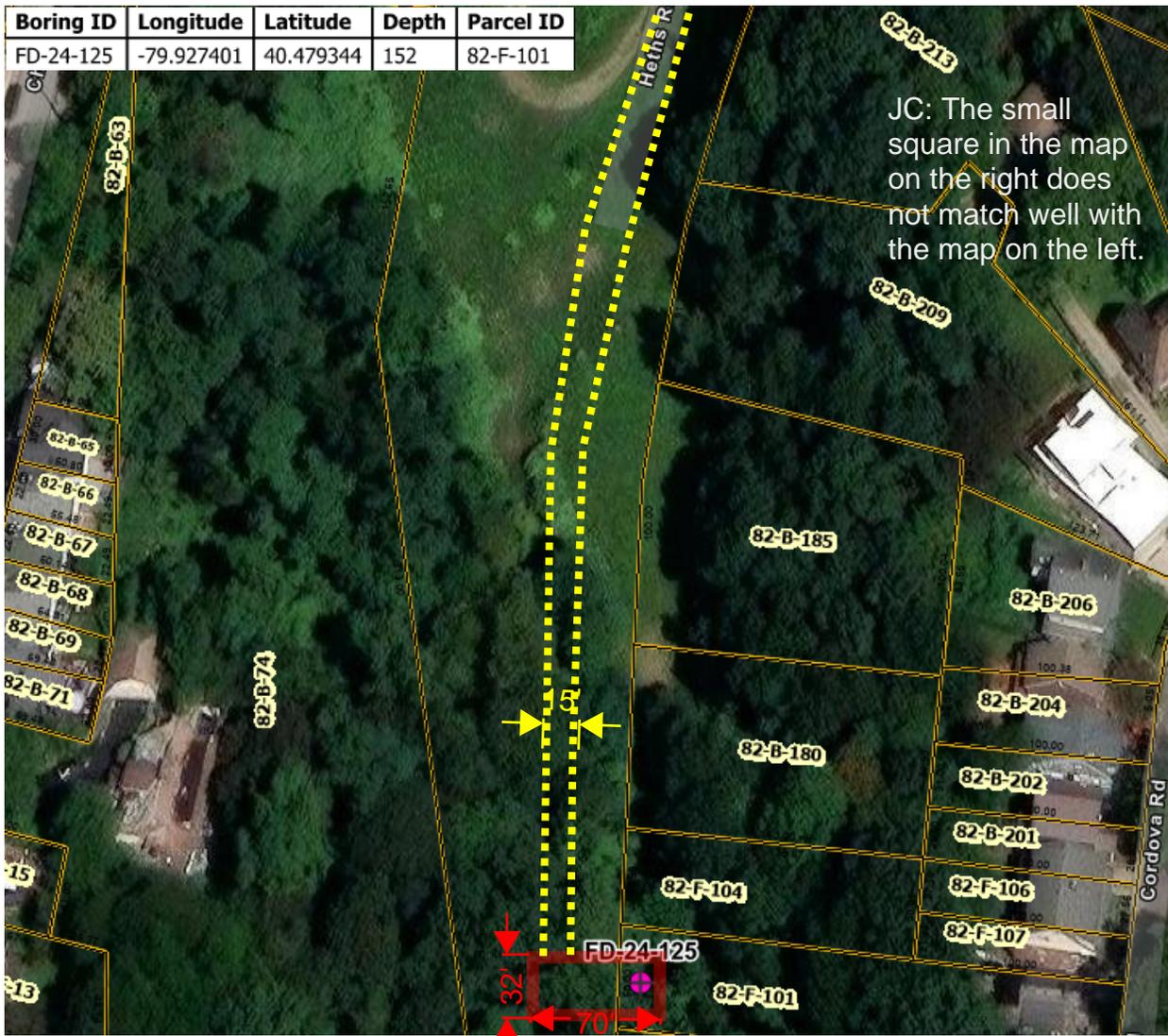
CONSULTANT



YYYY-MM-DD	9/18/2025
DESIGNED	IMS
PREPARED	IMS
REVIEWED	MGB
APPROVED	MGB

REFERENCE(S)  
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Boring ID	Longitude	Latitude	Depth	Parcel ID
FD-24-125	-79.927401	40.479344	152	82-F-101



**LEGEND**

- River Flow Direction
- Parcel Centroids
- Vertical
- Parcel Boundaries
- Angled
- Workspace
- Proposed Access

**PROPOSED SITE ACCESS**

Your parcel will be accessed via the Pittsburgh Zoo parking lot and through Hetts Run Road.

**ESTIMATED DURATION OF DISTURBANCE**

Three (3) weeks from start of work.

**ADDITIONAL NOTES**

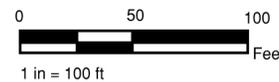
Approximately 70'x32'x30' (l x w x h) of temporary workspace will be needed around the boring location to safely accommodate two full-size pickup trucks and a truck-mounted drill rig with a 30-foot-high derrick/mast. Vehicles and other objects in the temporary workspace area will need to be moved. Approximate 15' wide access path from street to work zone will be needed.

Please be aware that the proposed boring locations depicted are subject to reasonable adjustments to avoid underground and overhead utilities.

PROJECT TITLE FIGURE MAP

ALLEGHENY RIVER TUNNEL FINAL DESIGN NOTICE TO ENTER LAND EXHIBIT FD-24-125 4 OF 4

CLIENT CONSULTANT



YYYY-MM-DD	9/22/2025
DESIGNED	IMS
PREPARED	IMS
REVIEWED	MGB
APPROVED	MGB

REFERENCE(S)  
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