



## Precision Machining- South

*To evaluate each competitor's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Precision Machining.*

***Registration Deadline for this competition is February 27, 2026***

<b>On-Site/Off-Site</b>	<ul style="list-style-type: none"> <li>● Off-Site</li> </ul>
<b>Contest Date</b>	<ul style="list-style-type: none"> <li>● March 20, 2026</li> </ul>
<b>Contest Location</b>	<ul style="list-style-type: none"> <li>● Sinclair Community College 35 Eaker Street on map address is 37 Eaker Street Dayton, OH 45402</li> </ul>
<b>Early/Normal Start Time</b>	<ul style="list-style-type: none"> <li>● Early Start Time</li> <li>● Lab will open at 7:30am</li> <li>● Registration 8:00 - 8:30 am</li> <li>● Machine and Lab Familiarization 8:30 - 9:00am</li> <li>● Contest 9am - 12 pm</li> </ul>
<b>Contest Open/Closed</b>	<ul style="list-style-type: none"> <li>● Closed</li> <li>● This contest is closed to observers, instructors, and advisors.</li> </ul>
<b>Eligibility &amp; Contest Type</b>	<ul style="list-style-type: none"> <li>● Please refer to the Program Guidelines for eligibility- <a href="https://www.ohioskillsusa.org/resources/">https://www.ohioskillsusa.org/resources/</a></li> <li>● State Only Contest (Only runs in Ohio- winner does not proceed to Nationals)</li> </ul>
<b>Clothing</b>	<p><b><u>For Competition Day the Dress Code is:</u></b> Class D</p> <p><b><u>For the Awards Ceremony the Dress Code is:</u></b> Class A or Class J</p> <ul style="list-style-type: none"> <li>▪ <a href="#">Clothing Classifications 2026</a></li> </ul>

<b>Safety Equipment Required</b>	<ul style="list-style-type: none"> <li>• Safety glasses with side shields or goggles (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles).</li> </ul>
<b>Testing</b>	<ul style="list-style-type: none"> <li>• There is no written test required for this competition.</li> </ul>
<b>Provided by Contestant (Tool List)</b>	<p><b>Students must bring the following items:</b></p> <ul style="list-style-type: none"> <li>▪ Pencil and Paper</li> <li>▪ Safety Glasses</li> <li>▪ Hard Sole Shoes</li> <li>▪ Calculator (student preference) (no cell phone)</li> <li>▪ Work pants or Jeans (no holes, no wind suits, no sweat pants)</li> <li>▪ Work Shirt, (may wear lab coat, smock, or apron) (no identifying names or logos)</li> </ul> <p><b><u>No Large Tool Boxes Needed and Will Not Be Allowed Near Machines</u></b></p> <p><b>Students may bring the following items: (not required but may prefer personal measuring tools)</b></p> <ul style="list-style-type: none"> <li>▪ 6-inch caliper</li> <li>▪ 0-1 micrometer</li> <li>▪ 1-2 micrometer</li> <li>▪ 0-1 depth micrometer</li> <li>▪ Reference Materials, handbooks</li> </ul> <p><b><u>Sinclair Community College will supply all machine tooling and accessories for machining part to include:</u></b></p> <ul style="list-style-type: none"> <li>▪ Edge finder</li> <li>▪ Parallels</li> <li>▪ Wrenches and Hex keys</li> <li>▪ Center gage</li> <li>▪ Center drills</li> <li>▪ Drills</li> <li>▪ Endmills (HSS)</li> <li>▪ Counter sinks</li> <li>▪ Hammer and Dead Blow Mallets</li> <li>▪ Facing, Threading, Grooving, and Turning Tools (Carbide Insert Tooling)</li> <li>▪ Cutting fluids and Shop Towels</li> </ul>
<b>Contest Notes &amp; Deadlines</b>	<ul style="list-style-type: none"> <li>• Registration Deadline for this competition is <b><i>February 27, 2026</i></b>.</li> </ul>
<b>WIFI Provided?</b>	<ul style="list-style-type: none"> <li>• No</li> <li>• Starting in 2025, some contests could qualify based on need</li> </ul>

<p><b>Special Notes/Rules for All Contests</b></p>	<ul style="list-style-type: none"> <li>● Started in 2024, all Skilled Trade State Contests will begin to add a scenario-based component.</li> <li>● All safety requirements will be heavily enforced. Competitors are to follow all safety standards and OSHA Regulations</li> </ul> <p style="text-align: center;"><b><i>Contestants MUST HAVE A COPY OF THEIR EMERGENCY MEDICAL FORM IN THEIR NAME BADGE AT ALL TIMES</i></b></p> <ul style="list-style-type: none"> <li>● <b><u>THE FOLLOWING ITEMS ARE PROHIBITED, VIOLATION OF ANY OF THE FOLLOWING MAY RESULT IN COMPETITOR DISQUALIFICATION:</u></b> <ul style="list-style-type: none"> <li>▪ Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio is strictly prohibited.</li> <li>▪ Possession of smart watches and/or phones during the contest and/or in the contest area.</li> <li>▪ Contact with anyone outside of the contest area once the contest begins.</li> <li>▪ Inappropriate communication between contestants such as verbally degrading another contest.</li> <li>▪ Cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> <li>▪ Lack of Copy Emergency Medical Form in Name Badge.</li> </ul> </li> </ul>
<p><b>National Technical Standards</b></p>	<ul style="list-style-type: none"> <li>● This is a State Only competition, there is no corresponding National Technical Standard.</li> </ul>
<p><b>Resume/Interview Requirement</b></p>	<ul style="list-style-type: none"> <li>● All SkillsUSA Ohio State Championship Contests will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>● All contestants <b><u>must have a hard copy</u></b> of a one (1) page personal resume.</li> </ul>

# ASSUMPTION OF RISK

## WAIVER & RELEASE

(PARTICIPANT IN OUTSIDE ACTIVITY)

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I understand that there may be inherent risks, dangerous conditions or harmful consequences of my participation in \_\_\_\_\_ (“the activity”). I acknowledge that there are both known and unknown risks in the activity and that there may be unavoidable risks involved in the activity.

In consideration of \_\_\_\_\_ (name of participant) being permitted to enter Sinclair Community College’s premises in connection with participation in the activity, I hereby agree to hold Sinclair Community College, its employees, agents, and affiliates, harmless and indemnify them from any and all liability, loss, damages, costs, or expenses which may be sustained or incurred by me as a result of my participation in this activity.

I understand that I am giving up specific legal rights by signing this document. I have read and executed this document with full knowledge of its significance, and I understand that I may not participate without this signed release.

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PRINTED NAME OF PARTICIPANT

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SIGNATURE OF PARTICIPANT

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DATE

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PRINTED NAME OF PARENT/LEGAL GUARDIAN  
(For participant under age 18)

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SIGNATURE OF PARENT/LEGAL GUARDIAN  
(For participant under age 18)

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DATE

Precision Machining South

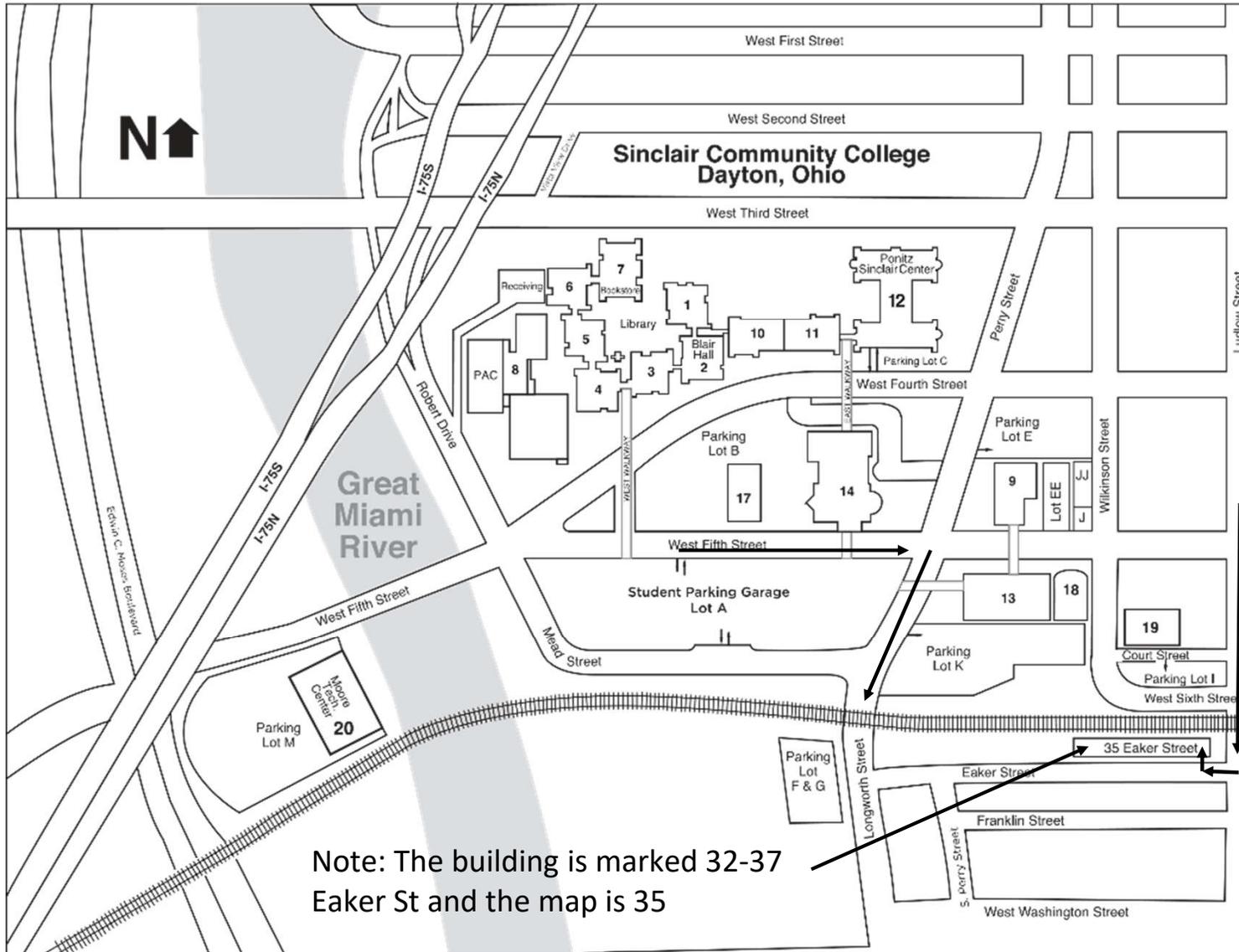
<u>QTY</u>	<u>ITEM</u>	<u>QTY</u>	<u>ITEM</u>
1	ToolBox	1	6" Steel Rule
1	0"-1" Micrometer	1	6" Dial or Digital Caliper
1	1"-2" Micrometer	1	8-12" Adjustable Wrench
1	0"-1" Depth Micrometer	1	Ball Peen Hammer
Any Number	Edge Finder	1	Scriber
1	Center Gage	Any Number	Pencil and Paper
Any Number	.25" Drill	Any Number	Safety Glasses
1	3/4" x 82 deg Countersink	1 Pair	Hard Sole Shoes
1	1/2" x 82 deg Countersink	1	Calculator
	#2 #3 Center Drills	1	Trig. Book
	1/8" Radius gage	1	6" or 12" Combination Sq.
Any Number	5/16" or 3/8" HSS Tool Bits	1	Vise Stop
Any Number	Files	Any Number	Parallels - 1", 1 1/4", 1 1/2"
1 set	Hex Keys up to 3/8"		
1	Dead Blow Hammer		
1	Center Punch/Pick Punch		
1	Apron or Shop Coat		
Any Number	1/4", 3/8", 1/2", 1" 2 Flute End Mills		

NOTES:

1. All contestants must have at least one each of the following Lathe tool bits.

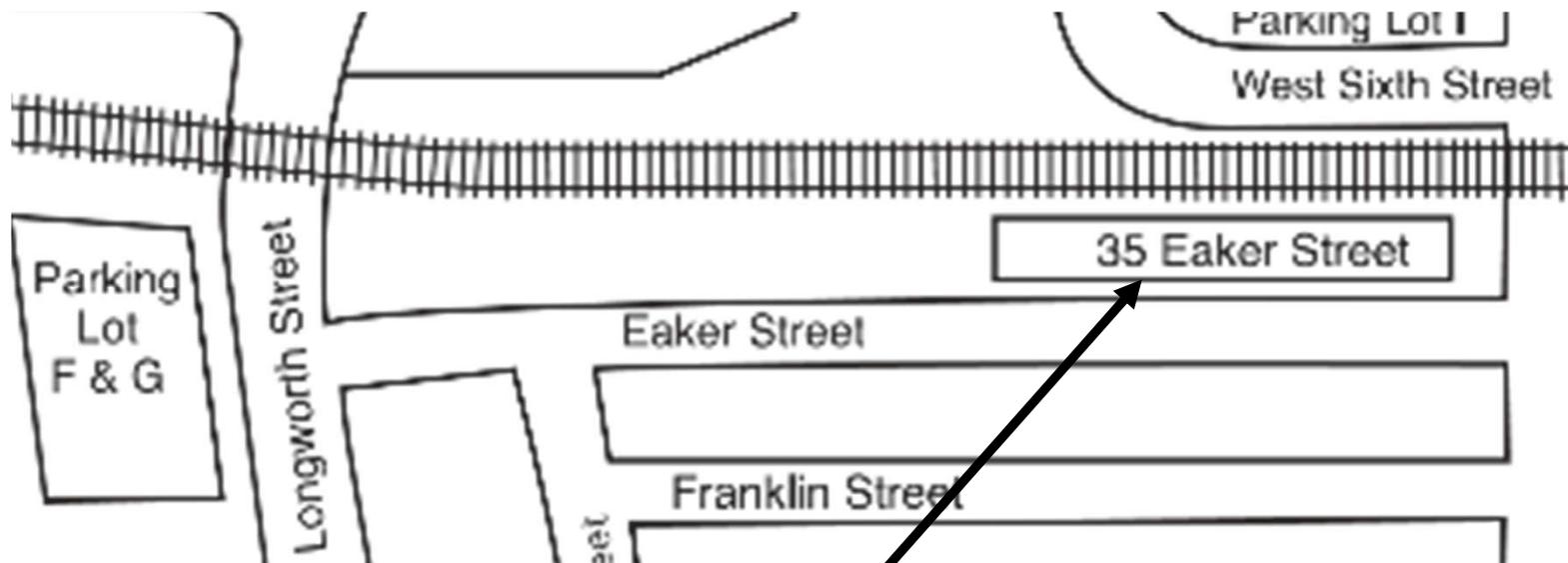
**Threading    Turning    Facing**

2. Sinclair will provide 1/8" Parting Tool
3. Shop rags and cutting oil will be provided.
4. All machine accessories will be provided.
5. No carbide tooling will be used for this contest.
6. Contestants cannot wear clothing or hats that contain the name of their school.



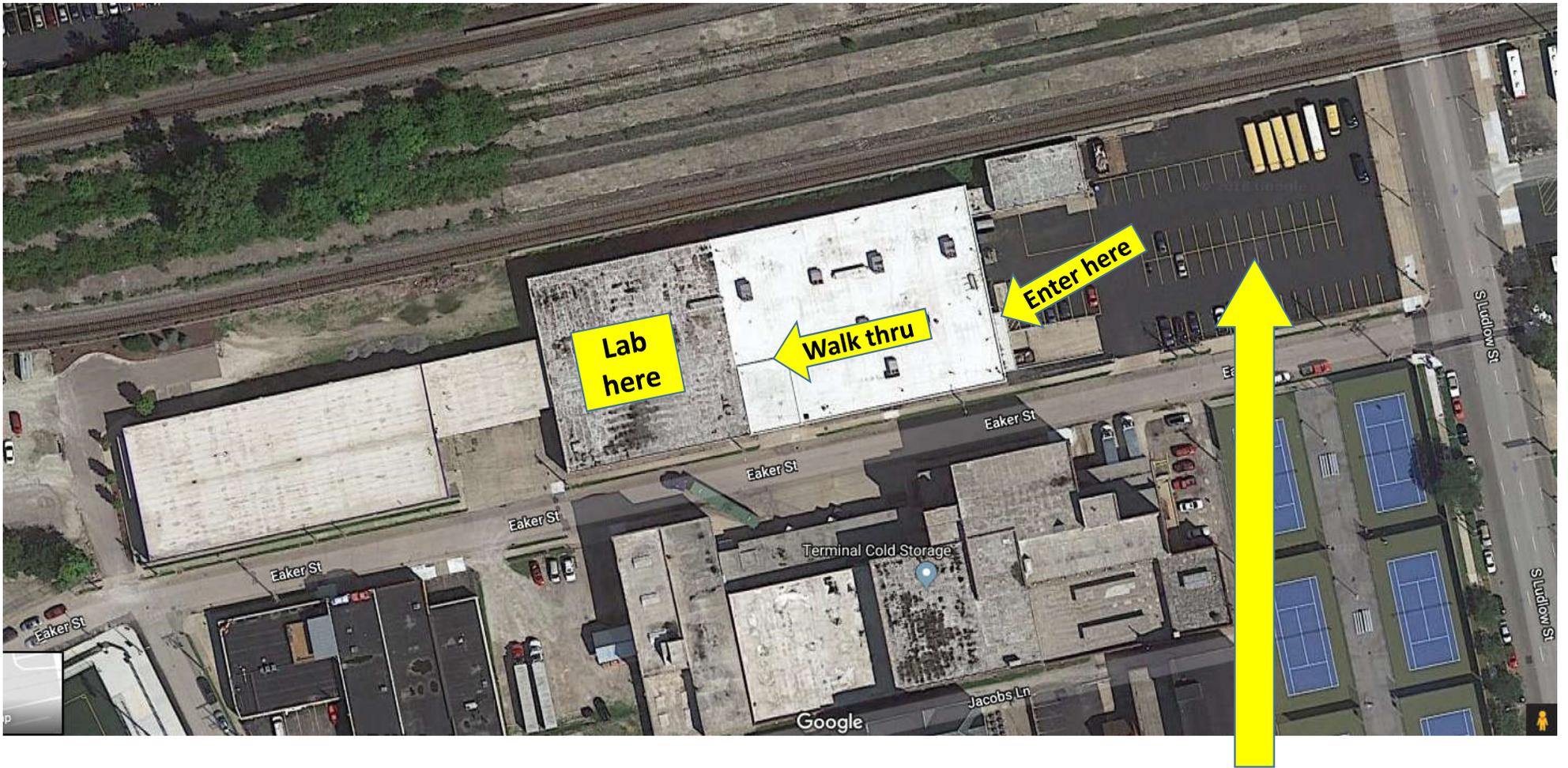
Note: The building is marked 32-37 Eaker St and the map is 35

Parking is on the corner of Ludlow and Eaker St. Enter off of Eaker.

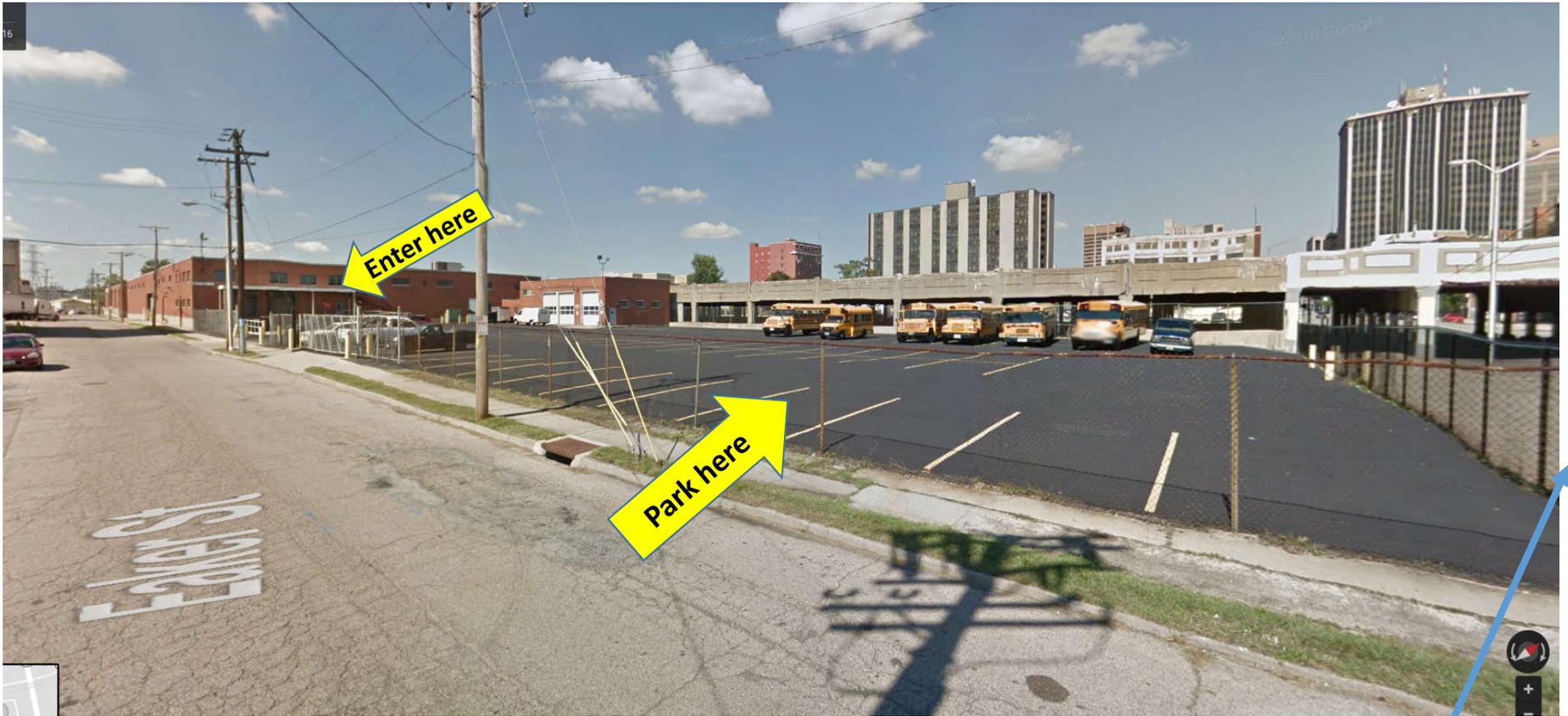


Regionals will be held here in the building marked 35 Eaker St. on the map.

Note: The building is marked 32-37 Eaker St and the map is 35 our Lab is considered 37 Eaker St.



**Park here, corner of Eaker and Ludlow, across from CJ tennis courts.**



Enter here

Park here

Ludlow St

Eaker St



We will have signs to help you find your way!