

Baja SAE Ohio Participants:

I am excited to welcome you to Central Ohio for the 2023 Baja SAE Ohio competition, hosted by Honda. We look forward to hosting your teams at the 2023 Honda Open House on Wednesday, September 6, and giving you all the chance to peek behind the curtain and see what we are all about at Honda.

We are equally excited to spend the weekend watching your teams compete over the many challenges you will face at the SAE Baja event. This is one of the most eagerly anticipated events on the calendar for us at Honda, as we watch you apply your knowledge and experience to solve real-world engineering problems in a competitive environment.

Honda celebrates its 75th anniversary this year and this event epitomizes the ideals and philosophies of Honda since our company's beginnings. Company co-founder Soichiro Honda firmly believed that competition was the best way to improve.

Competition forces teams to find the best ways to solve problems, and rewards those that not only do it well, but also do it quickly. It creates the need to think deeply, plan thoroughly and act with speed and accuracy, all of which create the foundation of what we do at Honda every day.

As we move into an exciting future in the automotive industry, we are proud to invite you into our facilities and I look forward to meeting as many of you as I can. Do not hesitate to ask questions and learn all that you can about Honda during your time here. It is our hope that you will find something that excites you and inspires you to consider a future with us.

I wish you all the best of luck at the Baja SAE Ohio event and I know that no matter what the outcome of the weekend's event, that you will all be richer for the experiences you gain here.



Sincerely,

Bob Schwyn
Senior Vice President
Honda Development & Manufacturing of America

Table of Contents & Checklist - This section will serve as a high-level overview of the activities you can expect. Use this as a checklist of important deadlines and forms. Click to jump directly to a topic for more detailed information.

Day 0 | Wednesday, September 6, 2023

- **Honda Open House**
 - [Register to attend the Open House by 8/06/2023.](#)
 - Early bird gets the worm!** First six (6) teams to arrive will receive Priority Paddock Parking on Day 1, registration begins at 12:30P EST
 - Career Insider Expo: Fast Track to Your Future**
 - Toot Your Own Horn!** Explore a list of departments that want to learn more about you. [Submit a request to be considered for an on-site Interview](#) by 8/06/2023
 - Tour Stops: Several Pit Stops, but this one will be going, going...Sign up fast**
 - [Limited 50 Person Access. Advance Sign-up Required: Halo Wind Tunnel](#) Sign-up by 8/25/2023
 - Business Presentation Schedule**
 - Attire – Event Attendance, Presentations and Interviews**

- **Logistics & Arrival**
 - Acclimate yourself!** Logistics & Arrival Process
 - On-Site Parking Map**
 - Required Parking Pass** – Please print in advance
 - Waivers** – Will be required. Link & instructions to follow at later date
 - Non-Team Member Access** – Not permissible

Day 1 – Day 4 | Thursday, September 7 – Sunday, September 10, 2023

- **BAJA SAE Ohio Race Hosted by Honda**
 - Parking/Paddock** – Request paddock size in Food & T-shirt link
 - Technical Inspection Numbers**
 - Spectators**
 - Food & T-Shirt Orders.** Complete form [Baja SAE Ohio 2023 \(google.com\)](#) by 8/06/2023 EOD. See Menu for options.
 - Briarcliff MX Rules**
 - Weather**
 - Stores & Parts Vendors**
 - Maps**

Day 0 | Honda Open House

Please join us on September 6, 2023, as we open the doors to our Honda Development & Manufacturing facilities. This exciting opportunity will enable an understanding of the entire vehicle development and production process and wide expansion of the Honda business. Plus, identify co-op, internship and full-time job opportunities available for quality talent like yourself! [Register to attend the Open House by 8/06/2023.](#)

Kick-off Day 0 activities by attending a Career Expo at the Auto Development Center (ADC) to connect with several Honda departments/business unit representatives and hiring managers. Learn about Honda business functions: from Automobile Design or Power Sport units through Testing and Safety for our customers to Mass Production. Find out about current job openings and skills/major requirements. In addition, tour several facilities within the central Ohio area. See list of all tour stops below. Discover how you might bring your skills, your background, and your future at Honda!

Early bird gets the worm!

Complete the registration process for the Baja Ohio Event while on-site: receive the prime opportunity to secure a premiere Day 1 arrival/paddock parking window. In addition, participate in or attend the top 10 Business Presentations (where the final bonus point will be awarded). Finally, win a chance to receive one of the first 25 Technical Inspection Numbers.

Career Insider Expo: Fast Track to Your Future

Honda Careers

[BRING THE FUTURE]

Fast-track your career by exploring interactive displays and discussing career opportunities with various departments and hiring managers. Below is a list of business units that will be present at this career fair-style expo.

Toot Your Own Horn: On-Site Interviews

While you're scoping out the cool departments we have, let us know if a group sparks your interest. Submit a [Request to be considered for an interview](#), in advance, for co-op and internship or full-time opportunities, by Sunday August 6, 2023, for the chance to make a direct connection with a hiring manager and *Toot Your Own Horn* while you're here on-site with us. Interview sign-ups for specific departments and additional details to be sent after 8/06/2023. See Attire section for more details.

Explore current openings here: honda.com/careers

Honda Departments

AHM IT provides excellent IT services and new value by securely connecting all Honda business, customers, products, and society. Our IT team focuses on Cybersecurity, Customer Support Services, Manufacturing Systems & More!

Alabama Auto Plant (AAP) manufactures the Honda light trucks – Passport, Pilot, Ridgeline, and Odyssey. This facility is located in Lincoln, AL.

Anna Engine Plant (AEP) produces the largest number of engines across the world for Honda. This plant produces the casting and machining of engine components, as well as assembly for shipping preparation to Honda's automobile plants. This plant is actively transforming for an electrified future to produce battery cases for EVs.

Auto Development Center (ADC) is where Honda validates our products to ensure they meet the safety requirements for various market destinations. In North America, this includes Federal Motor Vehicle Safety Standards (FMVSS) regulatory tests, consumer information tests from the Insurance Institute for Highway Safety (IIHS), the New Car Assessment Program (NHTSA's NCAP), and Honda internal safety targets.

Auto Development Center – Frame Development (ADC- FD) focuses on the development of model components. Though several functional units at ADC, the Frame Development Business Unit works on the design and development of external components.

Business Resource Groups (BRGs) are associate led groups whose members are aligned across broad constituencies such as gender, race/ ethnicity, ability, life-stage, experiences and other unique vantage points through which they address challenges and opportunities facing the company

East Liberty Auto Plant (ELP): Established in 1989, ELP has been the site of some of Honda's best models. Known as the Honda "flex plant," ELP has the capability to make both smaller sedan style vehicles and larger SUVs. Models such as the Honda Accord, Honda Civic, and Honda Element have all been manufactured here. Currently the Honda CR-V, Acura RDX, and Acura MDX are being produced at ELP, the latter two (RDX and MDX) being made exclusively at this location. As of early 2023, the Fully Hybrid Electric Vehicle (FHEV) 2023 CR-V model ushered in the start of ELP's transition into its crucial role in the future of electric vehicle production at Honda.

Engineering Development Program (EDP) is an entry-level, one-year rotational program designed to accelerate the development and networking of the engineering workforce.

Honda Automotive Labs of Ohio (HALO) - Honda opened the HALO wind tunnel multifunctional facility in 2021 to reinforce its commitment to developing fuel-efficient and fun-to-drive vehicles. One of the most advanced facilities of its kind anywhere in the U.S., the wind tunnel uses a unique interchangeable modular ground plane system capable of aerodynamic vehicle testing of production vehicles and race machines.

Facilities is responsible for maintaining and upgrading all building systems required to keep Honda R&D and manufacturing operations working. This includes HVAC, electricity, water, compressed air, and other areas.

Marysville Auto Plant (MAP) manufactures products such as the Honda Accord, Acura TLX, and Integra.

Manufacturing Quality Business Unit (MQBU) ensures that all Honda production facilities are able to maintain the high-level of quality Honda's customers expect. This area works through the new model process to mass production to ensure our processes meet the expectations of quality.

North American Quality (NAQ) Business Unit monitors quality of Honda and Acura products out in the market. They will do investigations and other work to identify the root cause and countermeasures for any issues with product quality.

Power Sports Development (PSP) division is responsible for four-wheel Off-Road product development in Ohio.

Production Engineering Business Unit (PEBU) enables the worlds of design and manufacturing to meet with the purpose of improving efficiencies through digital technology, preparing tech associates skill readiness, working on systemic equipment trouble prevention, and creating stable plant equipment and tooling. Our associates work hands-on with robotics, PLCs, CAD software, and modern manufacturing tools to accomplish our objectives.

Purchasing & Supply Chain Center (PSCC) is responsible for working with all suppliers to develop, manufacture, and transport parts to Honda for assembly into cars and trucks.

Talent Acquisition (TA) is responsible for recruiting and hiring of production, professional & paid co-op/internship positions across American Honda Motor & Honda Development & Manufacturing.

Transmission Manufacturing Plant of Ohio (TMP-O) manufactures continuously variable transmissions (CVTs) and gears for other transmissions. This facility is located 30 minutes from the Marysville Auto Plant.

Tour Pit Stops

Honda is offering students exclusive behind-the-scenes access to various facilities on our campus. Check out the list of pit stops you could take. Site specific details and sign-up will be supplied at time of check-in/registration on Wednesday, September 6, 2023.

Honda Automotive Labs of Ohio (HALO) Wind Tunnel Tour

The first 50 individuals to sign up for the [Wind Tunnel Tour](#) will receive a tour of the facility. Advanced sign-up required by 8/06/2023. Join us for an interactive tour of the HALO wind tunnel, opened in 2021. One of the most advanced facilities of its kind anywhere in the U.S., the wind tunnel uses a unique interchangeable modular ground plane system capable of aerodynamic vehicle testing of production vehicles and race machines. This walking tour includes the control room, the test section, the front and back of the simulation fan, the settling chamber, and the behind-the-scenes support areas where we prepare test-ready modules.

Marysville Auto Plant (MAP)

The first U.S. auto plant established by a Japanese automaker; MAP began production of Accord on November 1, 1982. MAP has the largest vehicle production capacity of any Honda auto plant in the U.S. and has produced nearly 15 million vehicles, including more than 12.6 million Accords. MAP is the exclusive production site in North America for the Honda Accord, Accord Hybrid, Acura TLX, TLX Type S, Integra, and Integra Type S. The plant employs more than 4,700 Ohioans.

The Honda Heritage Center™ (HHC)

This location highlights the company's successes in North America over the last half century with an array of historical, current and future products – each with its own story. The exhibits showcase the challenging spirit that has driven our company to make a positive impact on the environment, our communities and our customers.

Production Engineering Business Unit (PEBU)

Production Engineering is the team that focuses on utilizing the latest technology to achieve stable and optimal production. We work in the world where design and manufacturing meet by improving efficiency through digital technology, preparing tech associates skill readiness, working on systemic equipment trouble prevention, and creating stable plant equipment and tooling. Our associates work

hands-on with robotics, PLCs, CAD software, and modern manufacturing tools to accomplish our objectives. This tour will allow you to see demonstrations where products are brought to life through equipment and tooling design, CAE simulation, manufacturing, and the tooling in action.

Auto Development Center (ADC)

The Auto Development Center (ADC) is where Honda validates our products to ensure they meet the safety requirements for various market destinations. In North America, this includes Federal Motor Vehicle Safety Standards (FMVSS) regulatory tests, consumer information tests from the Insurance Institute for Highway Safety (IIHS), the New Car Assessment Program (NHTSA's NCAP), and Honda internal safety targets. While on-site, look forward to a tour of the labs that the crash safety department utilizes during vehicle development at Honda.

East Liberty Auto Plant (ELP)

Established in 1989, ELP has been the site of some of Honda's best models. Known as the Honda "flex plant," ELP has the capability to make both smaller sedan style vehicles and larger SUVs. Models such as the Honda Accord, Honda Civic, and Honda Element have all been manufactured here. Currently the Honda CR-V, Acura RDX, and Acura MDX are being produced at ELP, the latter two (RDX and MDX) being made exclusively at this location. As of early 2023, the Fully Hybrid Electric Vehicle (FHEV) 2023 CR-V model ushered in the start of ELP's transition into its crucial role in the future of electric vehicle production at Honda. Again, welcome to the East Liberty Auto Plant! Enjoy your visit to one of Ohio's leaders in manufacturing excellence.

HART Ride-Along

Honda of America Racing Team will be giving a ride-along to the first 25 teams to arrive on site; please select two people at time of registration to join in on the ride-along. The team members who are selected will ride with HART drivers around our Dynamic Handling Course Transportation Research Center (TRC). **Sign-up details to come in SAE app.**

Business Presentations

Presentation times have been assigned. Please check SAE app for updates.

Attire

For Day 0 event attendance & facility tours, casual t-shirts and polos are welcomed. **Pants only and closed-toe shoes required.** Please do not wear/display offensive language and/or imagery in attire.

For Business Presentation & on-site Interviews, we advise business casual.

Acclimate yourself! Honda Logistics and Arrival Process

Arrival Instructions:

Arrival point for teams is the ADC Parking lot, Honda Auto Development Center, 21001 OH-739, Raymond, OH 43067. We prefer that you **do not** bring your Baja Car Transportation Method to this event, due to limited parking spaces. If your team will not have time to drop your Baja Car at your hotel prior to the event, we will have a separate parking area available for you to park your transportation vehicle.

If you need to leave your Baja car transportation vehicle you can use:

Honda Heritage Center, 24025 Honda Pkwy, Marysville, OH 43040

When you arrive at ADC your team will need a parking pass for each vehicle coming on-site. Please download and print the attachment/link before your arrival. Please show this parking pass at the security gate. Security will direct you to the event parking area. You can also print a copy of the ADC Parking map for reference.

[Day 0 | ADC Maps](#)

See last 2 pages of document or SAE App for maps. Please visit Security Gate for parking instructions.

[Day 0 | ADC Parking Pass](#)

See last 2 pages of document or SAE App for parking pass. We require one parking pass per vehicle. No need to bring Baja car.

[Waivers](#)

To be released at a later date. Please check the Baja SAE App for future updates.

[Non-Team Member Access](#)

Due to required waivers, limited access points, and space, Honda can only allow official Team Members and Advisors that are registered for the event onsite. Spectators will **not** be permitted to attend Day 0 activities.

[Day 1 – Day 4 | BAJA SAE Ohio Race Hosted by Honda](#)

[Parking/Paddocks](#)

Paddock Arrival times will be given at the Honda Open House. If your team chooses not to attend the open house, you can arrive at 10:30am. When you arrive at your assigned Group Arrival Time, see below on how to get your group time, at the event location, we will have two parking areas set up for teams. One area will be the main paddock area (opening at 7:30am on Thursday September 7th), where each team will have a 60ft x 25ft paddock or a 30ft x 25ft paddock. You can select which size paddock you would like when filling out the [Baja SAE Ohio Required Team Information Form](#).

Unlike the previous two events this year, we will not have a prestaging area for the paddocks. The track location and roads leading to the track are very tight country roads and do not lend themselves to a prestaging set up. We are going to park teams based on arrival time slot. We will park 6 teams at a time. Teams will be given an arrival group number that will correlate to the schedule. Groups will have 15min to arrive for their group time. If you arrive before your group time, your team will be turned away. If you come after your group time we will park you when you arrive. **Please note again, the road to the track is very narrow and we cannot have teams staging on this road.**

We will be giving teams an arrival group time based on the time they register/arrive at the Honda Open house. If a team chooses not to attend the Honda Open House, they can arrive at the track at 10:30am and can park as they arrive. We will supply each team a Paddock Parking

Pass that will have its arrival group number and time on it. Please make sure your Baja Car Transportation vehicle driver has this Parking Pass on hand when they arrive.

Please note the following based on your direction of travel into the track with your Baja Car Transportation:

- When travelling SR146 North, or exiting onto SR146 from SR16, the **best routing is SR586** to Briarcliff Road or Licking Valley Rd to Briarcliff Road.
- **Do not take Marne Road to the South Main Street in Hanover. This will lead you to a railroad tunnel that is one lane with little clearance.**
- **Do not use Grove Road from Licking Valley**, as it is a dirt road with a small capacity bridge. It is not rated for heavy loads.

When you arrive at the park, you will turn at the main gate into Briarcliff MX Track and follow the road past the admission gate. At this point we will have two parking areas set up. To your left will be the general parking and straight ahead will be the Team Paddock parking. In the Team Paddock parking, we are only allowing your Baja Car Transportation Vehicle. You will need to keep all your equipment and tents inside your designated paddock area.

We will fill the parking area as teams arrive. (Please see the Map Page for the paddock layout). We would prefer that teams leave their trailers on site to reduce the amount of vehicle traffic in the paddocks. Please note the event site will close each night per the posted schedule, and no team will be allowed to stay on site after the site closes. However, anything left in the paddocks will be at the teams' risk. Please note that after all Baja Transportation Vehicles are parked, we will close the paddock area to vehicle traffic. This is being done to reduce the traffic and congestion in the paddock.

The 2nd parking area will be open for teams to come and go as needed. To understand the site layout, please review the maps that are posted.

Technical Inspection Numbers Process

For this event the Technical Inspection process will be using the number system again, to reduce teams waiting in lines outside the tent. When teams have their Baja car ready for technical inspection, they will need to bring their completed Tech Sheets to the Technical Inspection Tent to Receive a number. Numbers will be given out on a first come first serve basis starting at ~3:00pm Thursday.

What is different for this event is how the first 25 tech numbers will be given out. At past events, the first 25 cars to go to Engine Tech received the first 25 tech numbers. For this event we will hand out the first 25 tech numbers at the Honda Open House. This is being done to discourage teams from lining up early at the track to get in line for Engine Tech first.

The first 25 tech numbers will be given out at the Honda Open house using a random drawing method. Each team will be given 5 tickets to drop at different events/location at the Honda Open House to be drawn at the end of the event to determine the first 25 Tech Numbers. Each team can decide where they would like to leave their 5 tickets. They can all be left at the same location, or at 5 different locations, that is up to the team. See the chart below that shows where each Tech Number will be drawn from:

Technical Inspection Number Drawing Location

#	Location	#	Location	#	Location
1	Welcome	10	Display	19	Tour #4
2	Welcome	11	Display	20	Tour #5
3	Sales	12	Welcome	21	Display
4	Sales	13	Welcome	22	Display
5	Tour #1	14	Sales	23	Welcome
6	Tour #2	15	Sales	24	Sales
7	Tour #3	16	Tour #1	25	Display
8	Tour #4	17	Tour #2		
9	Tour #5	18	Tour #3		

Welcome= The Welcome Ceremony in the ADC Rec Center
Sales= Business Presentation taking place in the ADC Rec Center
Display= Career Insider Expo in the ADC Parking Lot
Tour #= Is the different Tour Offerings around the Honda Facilities

At 7:00pm, in the ADC Rec Center we will draw all 25 tech numbers from the tickets that were put into each collection location. Teams do not need to be present to receive their Technical Inspection Number from the drawing. The results will be posted on BajaSAE.net and uploaded into the Technical Inspection Numbering system.

The first 25 Tech Numbers will be used to determine the order for **Engine Check and Technical Inspection on Thursday, 8/07/23**. If your team does not get one of the first 25 numbers you can line up after the teams with numbers for Engine Check, and then get a number from Technical Inspection at 3:00pm Thursday.

**** NOTE** - Please only drop your ticket into the drawings if your car will be ready for Engine and Technical Inspection at 8:00am on Thursday. If you received a Tech Number of 1-25 and your car is not ready, or you are not there when your number is called for Engine Check and Technical Inspection, we will skip you and you will have to get a new number.

Spectators

All team members, faculty members, family, friends, and spectators will need to sign SAE's waiver to receive a wristband to enter the event site. Spectators must remain a minimum of 30ft from the vehicle courses during dynamic and endurance events.

Food & T-Shirt

To support the Baja SAE Ohio event participants, Honda is donating a portion of the cost of the daily meals and the event t-shirt. Honda is offering **five meals (1 lunch per day and breakfast on Sunday)** and an **event t-shirt** for a total of **\$25 per person**. To eliminate waste, please provide the exact number of meals & t-shirt sizes you will need for your team. We plan to have **no onsite ticket sales** for meals. Please note that this rural location has limited access to local restaurants/convenience stores.

We are requesting that you purchase food tickets in advance by submitting the [Baja SAE Ohio Required Team Information Form](#). Please reference the attached menu for meal options. Please

have one person per team submit this form by **August 6th, 2023**; the earlier you can send the information the better. Please complete all 4 sections of this survey so that we can ensure order accuracy and quantity. **All teams will then be emailed an invoice to be paid by PayPal by August 18th.**

Competition T-shirt

A special competition T-shirt (different from the complementary SolidWorks shirts) will be provided to each student upon arrival. To ensure accurate order numbers, please provide your T-shirt size when filling out the [Baja SAE Ohio Required Team Information Form](#). T-shirts will be unisex.

Briarcliff MX Rules (in addition to adhering to all SAE rules)

PETS: All pets must be on a leash and kept under control by their owner.

GARBAGE: Place all trash in trash cans. Please bag and tie your garbage in plastic and place it in the 55-gallon trash drums or next to it if full.

PROHIBITED ITEMS: No open flames, grilles, fireworks, firearms, weapons, illegal substances, glass containers or any other items that may pose a safety hazard are permitted.

THEFT AND VANDALISM: Anyone caught abusing/misusing, or stealing personal property, of any type (Briarcliff MX property or visitor's property) will be prosecuted. Theft of banners or anything from the track will be dealt with by law enforcement. Briarcliff MX is not responsible for personal property that you bring to the track.

FIRE EXTINGUISHERS: All racing rigs must have fully functioning fire extinguishers readily available in the event of an emergency.

FLAG POLES: Due to high voltage powerlines above a portion of the paddock area, flag poles may be limited depending on where your team is parked.

Weather

Central Ohio weather in September can range anywhere from 65-80 degrees although 90-degree days are not unheard of at that time of year. Thunderstorms and rain are generally possible throughout the month so please pack for every eventuality including wet-weather gear. The site has limited shelter and rain could make things muddy and slick.

Stores & Part Vendors

Due to the remote location of Briarcliff MX, there are very few local supply stores close by, so teams will need to make sure they come prepared with all the required hardware and safety equipment. As the event gets closer, we will provide a list of stores for reference.

Maps

More detailed map(s) will be posted to the [Baja SAE website and app](#) by mid-August.

BAJA SAE[®] OHIO Hosted by Honda

Review the meals below and determine how many of each that your team needs, plus t-shirt sizes. One team member will need to fill out the **Baja SAE Ohio Required Team Information Form** by **11:59pm EST August 6th.**

MENU

Thursday September 7th Lunch - Cost \$13.50 per person

Ham deli sandwich, potato salad, & baked beans

or

Turkey deli sandwich, potato salad, & baked beans

or

Vegetarian option - Smoked BBQ tofu sandwich, potato salad, & cucumber salad

Drinks: soda

Friday September 8th Lunch - Cost \$13.50 per person

Pull pork sandwich, marinated slaw, & chips

or

BBQ chicken sandwich, marinated slaw, & chips

or

Vegetarian option - Hummus wrap with lettuce, tomato, and red onion, marinated slaw, & chips

Drinks: soda

Saturday September 9th Lunch - Cost \$13.50 per person

Pub burger, smoked beans, & chips

or

2 Beef hot dogs, smoked beans, & chips

or

Vegetarian option - Veggie burgers, smoked beans, & chips

Drinks: soda, juice, tea, or lemonade

Sunday September 10th Breakfast - Cost \$8.50 per person

Breakfast burrito sausage, egg, & cheese

or

Breakfast burrito bacon, egg, & cheese,

or

Vegetarian Option - Breakfast burrito egg, onion, bell pepper, tomato, & cheese

Drinks: apple, orange, or pineapple juice

Sunday September 10th Banquet - Cost \$21.00 per person

8oz Ribeye steak

or

8oz Grilled boneless chicken breast

or

Vegetarian Option - Pasta & garlic bread

Drinks: soda, juice, tea, or lemonade

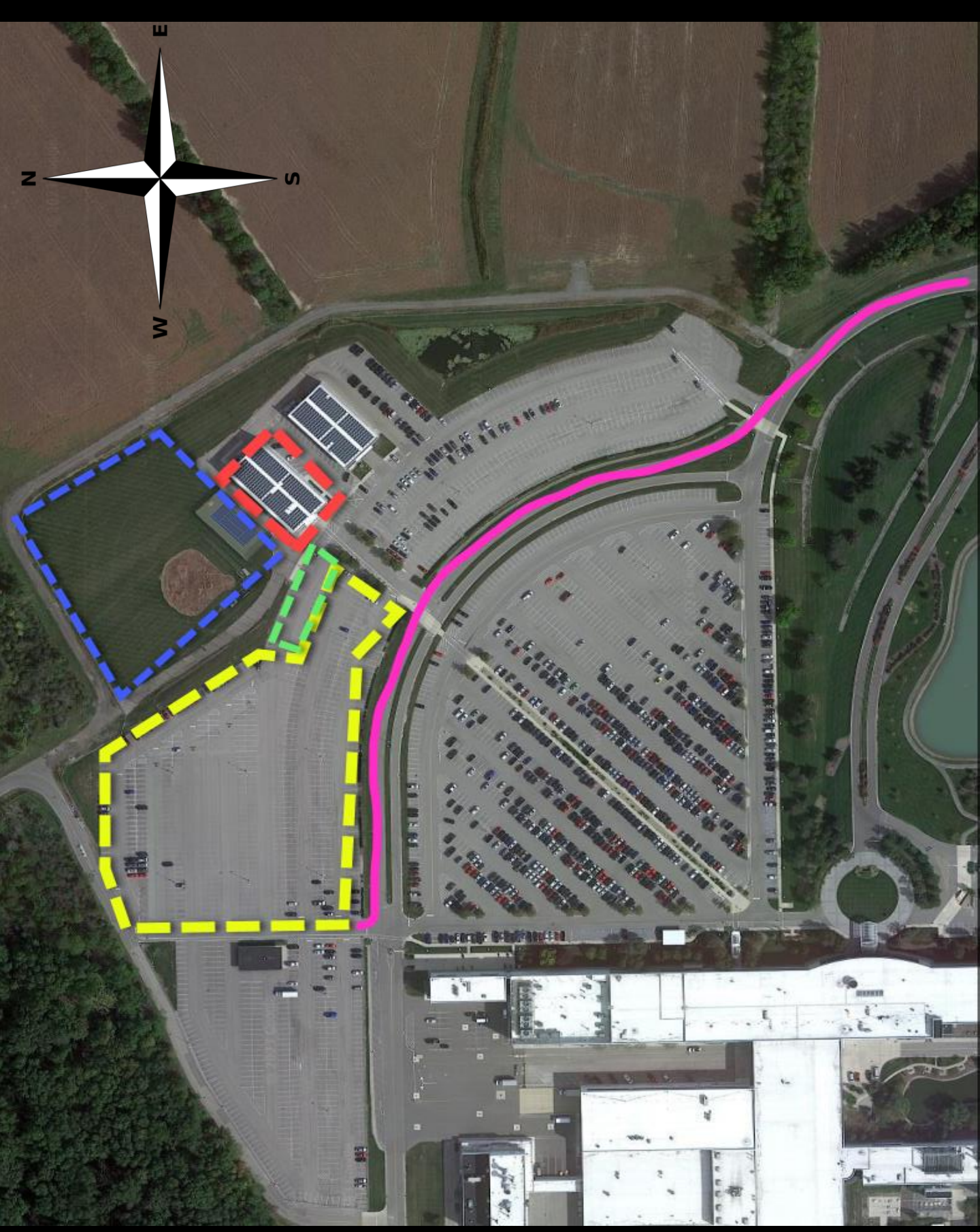
Includes: potato salad, smoked green beans, caesar salad, & dinner rolls

Honda Open House Baja SAE Ohio 2023

Honda Auto Development Center
(ADC)
21001 OH-739,
Raymond, OH 43067

Legend:

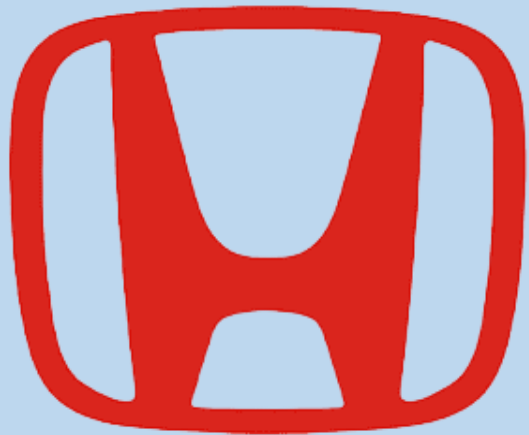
1. Rec Center – Business Presentations
2. Student/Event Parking
3. Tents – Department displays, DJ, food
4. Tour Busses
5. Entrance/Access Road



**Honda Open House
Baja SAE Ohio 2023**

Event Parking

9/6/2023

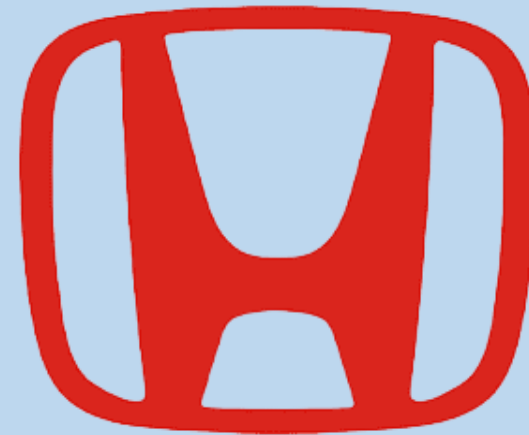


Event Parking

**Honda Open House
Baja SAE Ohio 2023**

Event Parking

9/6/2023



Event Parking