



# U.S. PARALYMPICS CYCLING OPEN

Presented by  **TOYOTA**

## TECHNICAL GUIDE



**April 8 – 10, 2022**  
**Huntsville, Alabama, USA**



**U.S. PARALYMPICS  
CYCLING**

1 Olympic Plaza  
Colorado Springs, CO 80909

April 1, 2022

Para-cycling Athletes,

On behalf of U.S. Paralympics Cycling and the Local Organizing Committee, I'd like to thank you for being a part of this year's U.S. Paralympics Cycling Open in Huntsville, AL. This is the second year for this great event, and our partners in Huntsville have put together a first class competition for 2022.

As you may be aware, this event serves as the selection race for the upcoming World Cups in Europe, and the staff at U.S. Paralympics Cycling, Medalist Sports, the Huntsville/Madison Chamber, and Cummings Research Park have prepared a truly elite competition which will include a new, additional race this year: the **Handcycle Relay** on Friday evening, which will showcase downtown Huntsville.

I'd like to ask that you please review the details in this technical guide carefully, as it will provide you with important information about the competition and all associated requirements concerning COVID-19 protocols, athlete safety, and competition rules. If you have questions about the event, please don't hesitate to contact me.

Thanks again for your participation at the Para-cycling Open and see you in Huntsville!

Sincerely,

*Ian*

Ian L. Lawless, Director  
U.S. Paralympics Cycling



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### Online, Interactive Course Maps:

**Handcycle Relay:** <https://ridewithgps.com/routes/38637686>

**Time Trial:** <https://ridewithgps.com/routes/34523415>

**Road Race:** <https://ridewithgps.com/routes/34543375>

**Event Websites:** <https://www.teamusa.org/usparacycling/events> (start lists, results, tech info, etc)

<https://hsvchamber.org/paracycling/> (local info, spectator guide, etc)



*The information in this technical guide is subject to change.*

## **GENERAL INFORMATION**

### **Organization**

The 2022 U.S. Paralympics Cycling Open is an event organized by U.S. Paralympics Cycling under the regulations of USA Cycling and the International Cycling Union (UCI). The competition dates are Friday, April 8 through Sunday, April 10.

### **General Contact**

Ian Lawless – [ian.lawless@usopc.org](mailto:ian.lawless@usopc.org), 1-719-272-1761

Jenny Ryan – [jenny.ryan@usopc.org](mailto:jenny.ryan@usopc.org), 1-719-338-6331

### **Type of event**

The U.S. Paralympics Cycling Open is UCI “C1” competition and will be conducted under the UCI Paracycling rules.

### **Athlete Eligibility**

To be eligible to compete at the U.S. Paralympics Cycling Open, athletes (including tandem pilots) must:

- hold an international license issued by their National Federation
- be at least 18 years of age by Dec. 31, 2022
- be internationally classified with a 'confirmed' or a 'review' sport class status (not applicable to tandem pilots)
  - *U.S. Paralympics Cycling has opened the competition to athletes without an international classification. These athletes will be permitted to compete if they hold an existing national classification, or undergo classification evaluation in Huntsville.*
  - *For more information about classification, or to make a classification appointment, please contact Kyle Knott at U.S. Paralympics: [kyle.knott@usopc.org](mailto:kyle.knott@usopc.org)*

### **Event Website**

The event website, which will include links to updated information, including start lists, timing and results, can be accessed via the following link: <https://www.teamusa.org/usparacycling/events>

### **Additional Requirements**

- All U.S. participants in this competition are subject to the requirements outlined in the USOPC Athlete Safety Policy available at: <http://teamusa.org/USOPCAthleteSafetyPolicy>
- Adult Participants are also required to be familiar with, and comply with the USOPC Minor Athlete Abuse Prevention Policies (MAAPP) available at: <http://teamusa.org/maapp>

- U.S. Center for SafeSport Training
  - All U.S. athletes (18 years and older), coaches, officials, and support staff requesting accreditation must complete, or have completed within the last calendar year, the U.S. Center for SafeSport’s SafeSport™ Trained Core training, or applicable Refresher training course if they have previously taken the SafeSport™ Trained Core training. The training must be completed prior to arrival at the event and must be valid through the conclusion of the event. Please note, U.S. Paralympics Cycling membership with SafeSport training that is valid through the conclusion of the event will be accepted.
  - SafeSport & Background Check Information:  
<https://www.teamusa.org/team-usa-athlete-services/safe-sport>
  
- All registered competitors are subject to testing and, if chosen for drug testing, are required to comply with the applicable rules. Noncompliance or refusing to be tested will result in the same penalties as a doping violation (see “Anti-doping section) for more information.

### **COVID-19 INFORMATION**

There will be COVID-19 protocols in place for this event, as required by the UCI.

#### **Pre-competition Test**

- All athletes, support staff, event staff, and race officials with access to the field of play must take a COVID-19 PCR test within 72 hours of the first competition.
- Testing will be overseen and implemented by the U.S. Paralympics Cycling medical team on-site, in Huntsville
- Testing will be handled via “self-testing” kits, which will be provided at check-in on Thursday and Friday (see below)
- Please do not arrange your own test or submit results from any test kits other than those provided by the event
- Additional tests will be available and provided for individuals with positive, or inconclusive test results
- No pre-travel COVID-19 test is required

#### **Mask Requirement**

- Masks will be required on the field of play.
- **Athletes:** Wear a mask on the field of play and in the athlete parking area and athlete lounge except when you are eating, drinking, racing, or training
- **Event Staff, Team/Individual Athlete Support Staff, Race Officials:** Wear a mask when you are on the field of play or in athlete areas, or interacting with athletes
- KN95 masks will be available at check-in (limit: two masks per person)

**Event Staff**

<p style="text-align: center;"><b>U.S. Paralympics Cycling &amp; USOPC</b></p> <p>Race Director                    Ian Lawless  Operations Manager            Jenny Ryan  Ass. Dir, High Performance    Sarah Hammer  Head Race Mechanic / NRS    Steve Donovan  Race Mechanic / NRS            Chad Contreras  Press Officer                        Olivia Truby  Coaching                            Jim Lehman  Coaching                            Mike Durner  COVID-19 Manager              Faith Lawlor  Classification Mgr / Course    Kyle Knott  Course &amp; Venue                    Kyle McKinnis  Photographer                      Casey Gibson  Race Announcer                  Brad Sohner</p> <p style="text-align: center;"><b>Huntsville / Madison Chamber</b></p> <p>CEO                                    Chip Cherry  ED, Cummings Research Pk    Erin Koshut  VP, Marketing &amp; Comms        Claire Aiello  Bus. Admin Specialist          Megan Nazario  Intern                                  Melissa Salmon</p> <p style="text-align: center;"><b>Race Officials</b></p> <p>President                            Randall Shafer  Chief Judge                        Steve Brady  Assistant Judge                  John Agazzi  Assistant Ref                        Bonnie Walker  Assistant Ref                        Ken Hart  Motor Commissaire                Barry White  Motor Commissaire                Michael Owens  Motor Commissaire                Al Hennigan</p>	<p style="text-align: center;"><b>Medalist Sports</b></p> <p>President / Owner                Chris Aronhalt  VP, Events                         Tori Trice  VP, Technical                      Chris Reed  Asst. Technical Director        Bryan Kelley  Production Director              Abbi Whitney  Production Manager              Joe Hawks  Operations Director              Larkin Morris  Operations Manager              Justin Wansley  Client Services Director        Emily Sanders</p> <p style="text-align: center;"><b>Race Services</b></p> <p>Timing &amp; Results                Swagger, LLC  Neutral Support (NRS)         U.S. Paralympics</p> <p>Race Medical                      The Orthopaedic Ctr      and SportsMED      Surgery &amp; Spine      Center</p> <p>EMS                                    HEMSI</p> <div style="background-color: #e6f2ff; padding: 10px;"> <p style="text-align: center;"><b>A special thanks to...</b></p> <ul style="list-style-type: none"> <li>➤ Toyota</li> <li>➤ Raytheon</li> <li>➤ Huntsville / Madison Chamber</li> <li>➤ Cummings Research Park</li> <li>➤ City of Huntsville</li> <li>➤ Huntsville Sports Commission</li> <li>➤ Huntsville Conv. &amp; Visitors Bureau</li> </ul> </div>
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### Summary of Meetings

<p><b>Thursday, April 7</b> 11:00 am - 7:00 pm</p>	<p><b>Check-in / Packet Pick-up and On-site COVID-19 Testing</b></p> <ul style="list-style-type: none"> <li>- Pick-up your packet</li> <li>- Pick-up your credential</li> <li>- Pick-up your COVID-19 Test Kit</li> </ul>
<p><b>Thursday, April 7</b> 5:30 - 7:00 pm</p>	<p>Official Course Preview Cummings Research Park (TT &amp; RR Only) Note: Roads will still be open to vehicles Please obey all traffic laws Helmets are required</p>
<p><b>Friday, April 8</b> 8:00 am – 3:00 pm</p>	<p><b>Check-in / Packet Pick-up and On-site COVID-19 Testing</b></p> <ul style="list-style-type: none"> <li>- Pick-up your packet</li> <li>- Pick-up your credential</li> <li>- Pick-up your COVID-19 Test Kit</li> </ul>
<p><b>Friday, April 8</b> 10:00 am</p>	<p>Rider Technical Meeting (virtual) Zoom (meeting invite sent separately) <i>Note: The handcycle relay meeting will take place at the end of the rider meeting</i></p>
<p><b>Friday, April 8</b> 5:30 – 8:00 pm</p>	<p>Athlete Reception AC Hotel, Downtown Huntsville (prime viewing for the relay)</p>

### Spectators

All races in Huntsville are open to spectators. More detail can be found in the spectator guide: <https://hsvchamber.org/paracycling/>

### Media

Media inquiries: Please contact Olivia Truby: [olivia.truby@usopc.org](mailto:olivia.truby@usopc.org) 719-216-7328



## **Local Information**

### **Temperature**

- **Thursday** (training): Predicted to be beautiful with a high of 65 but windy with 10-20 mph winds.
- **Friday** (HC relay): Lows in the low-30s and the highs in the low 50s with 10-15 mph winds and mostly cloudy.
- **Saturday** (TT): Lows in the mid-30s, highs in the mid-50s with ~10 mph winds and partly cloudy.
- **Sunday** (RR/later start): Highs in the low-to-mid 60s, sunny and very little wind

A National Weather Service Report will be emailed at 6:00 am on each race day.

### **Time Zone (on race day)**

Central Daylight Time (GMT-5)

### **Lodging, Transport, and Race Office**

Athletes in need of transportation support (equipment or people) may contact Jenny Ryan: [jenny.ryan@usopc.org](mailto:jenny.ryan@usopc.org) to make a request.

The Official Race Hotel and Race Office is:

[Huntsville Westin/Element](#)

Bridge Street Town Centre

6810 Governors W, Huntsville, AL 35806

Phone: (256) 327-9000

### **Airports**

All participants should fly into the Huntsville International Airport, which is about 15 minutes from the official accommodations.

### **Team & Support Staff Registration**

Team and athlete support staff (including PCAs) requiring accreditation must be registered in advance and are subject to COVID-19 testing, USOPC Athlete Safety requirements, and may be subject to a background check. Athletes who have questions about these requirements should contact [jenny.ryan@usopc.org](mailto:jenny.ryan@usopc.org)



## **Race Regulations**

### **Medical**

Medical and EMS support will be on-site at all race venues. In the event of a transport, unless specified otherwise, patients will be taken to:

Huntsville Hospital  
420 Lowell Dr SE, Ste 302  
Huntsville, AL  
Phone: +1-256-265-1000

### **Call-Ups**

For this event, the defending World Champion shall be given highest priority for call-ups.

#### **Order of Priority:**

- Defending World Champions
- Defending National Champions
- Remaining riders may be called-up by random order after the preceding methods

### **Scoring & Results**

Race timing will be managed using transponders and a finish line camera. Race times will be posted on the race clocks above the finish line, and results will be posted on-site, as well as on the event website <https://www.teamusa.org/usparacycling/events>

### **Transponders & Race Numbers**

Athletes will be issued a transponder and multiple race numbers (depending on classification) at check-in. A single transponder will be assigned to each individual bike (one transponder for tandems). Transponders must be returned following the completion of the road race. Failure to return transponders will result in a \$100 charge to the athlete.

A communique will be sent to athletes on Thursday (4/7/22) with more details and instructions concerning transponder and race number placement.

### **Race Attire**

- Athletes must wear appropriate race attire per UCI rules ([www.uci.ch](http://www.uci.ch))
  - No sleeveless jerseys or triathlon suits
  - National Team kits are not allowed for USA athletes (selection race for USA athletes)
  - Tandems: Pilot and stoker must have matching uniforms
  - World Champion and National Champion kits are allowed only for current champions:
    - Current World Champion's: Awarded in 2021, Cascais, Portugal
    - National Champion: Awarded in 2021, Boise, Idaho, USA

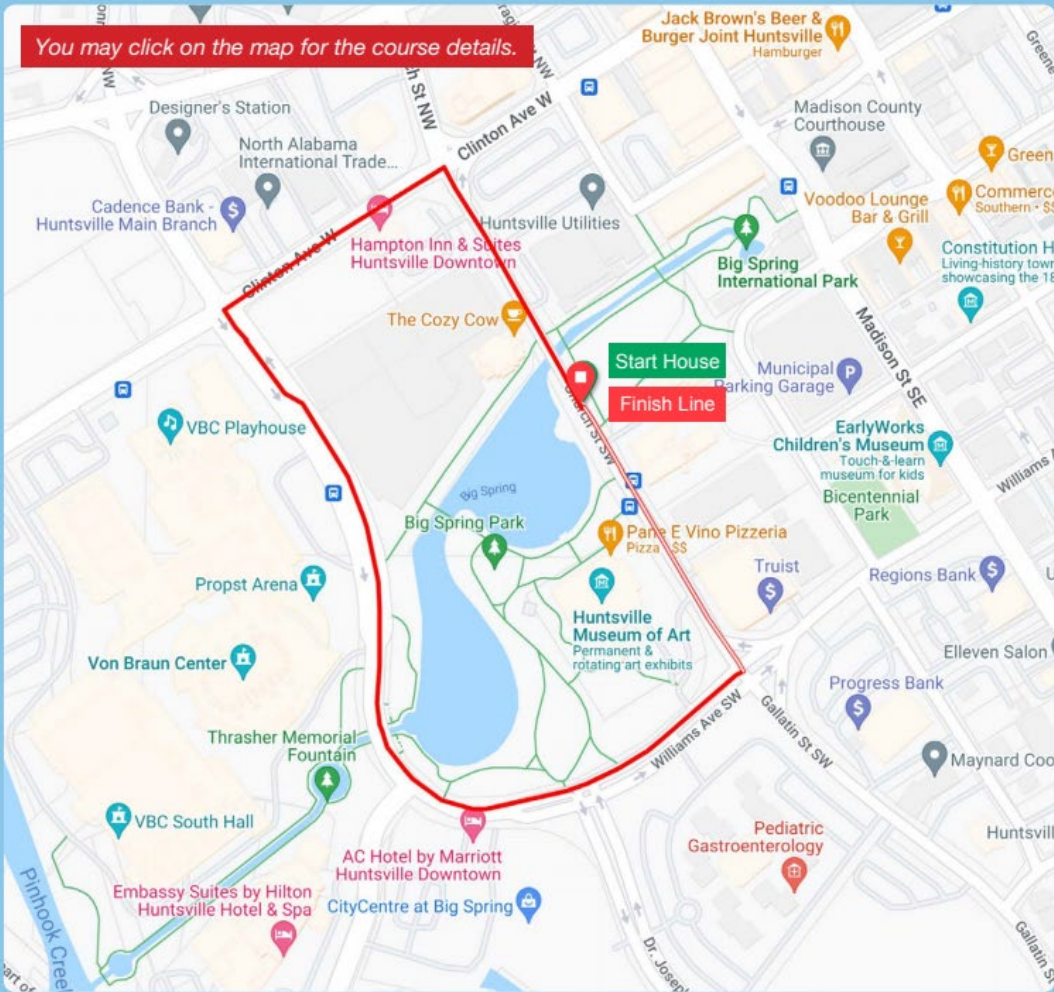
**HANDCYCLE RELAY - Friday, April 8, 2022, Downtown Huntsville (6:00 pm)**

**HANDCYCLE RELAY**  
FRIDAY, APRIL 8, 2022

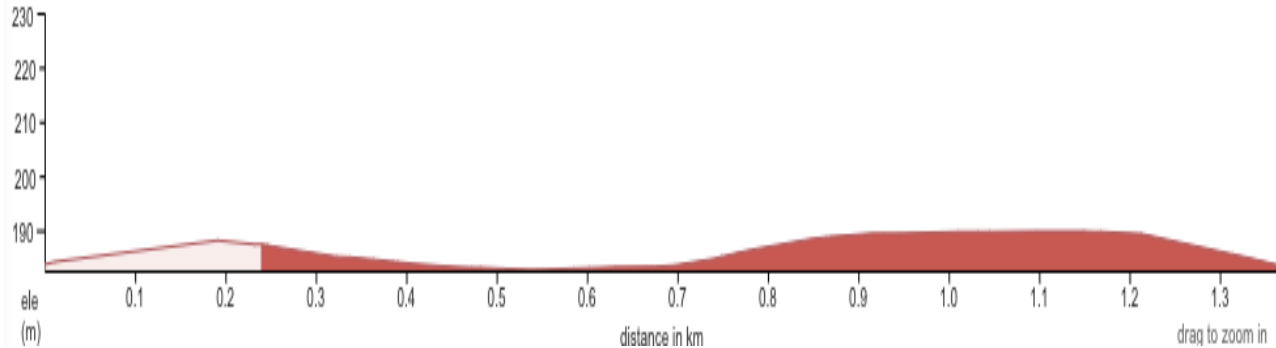


**U.S. PARALYMPICS  
CYCLING OPEN**  
HUNTSVILLE, AL  
APRIL 8-10, 2022  
Presented by  **TOYOTA**

OFFICIAL DISTANCE: 4,481ft (1365.8m)      ELEVATION GAIN +266ft; ELEVATION LOSS -254ft



### Relay Elevation Profile (+ / - 32 feet per lap)



### Handcycle Relay Notes

- A communique re: parking for athletes competing in the relay will be sent to athletes on Thursday, April 7.
- The relay starts at 6:00 pm sharp
- Course opens for warmup at 5:45pm
  - There is NO other opportunity for riders to preview the relay course downtown
  - Please **do not** attempt to ride the relay course prior to 5:40 pm on Friday
- Rider #1 for each team should line up at the start / finish line
- Riders #2 and #3 for each team should line up in the relay exchange zone (see pic above)
- Each team will complete a total of 9 laps.
- Each rider will complete three, non-consecutive laps and return to the exchange zone after each of their laps
- Each team is allowed two staff in the relay exchange area in order to support its athletes.
  - Teams with more than two staff in the relay area are subject to penalty
- Each team must submit their starting order to [jenny.ryan@usopc.org](mailto:jenny.ryan@usopc.org) no later than 3:00 pm on Friday, April 8
- **A representative from each team must pick-up helmet numbers for their team at 5:00 pm on Friday, at the start / finish line.**
- Teams should wear matching racing kits if possible

### Athlete Reception

An athlete reception will be held downtown during the handcycle relay (with prime viewing), for those athletes not competing in the relay, and after the relay for all athletes. The reception will take place at the AC Hotel from 5:30 – 8:00 pm. Directions to the reception (for athletes attending the reception, but not racing in the relay):

<https://www.google.com/maps/d/edit?mid=1Z0CHOWMr4qPc8J0iPwnUQcJabwj2MEJL&ll=34.71853029739533%2C-86.62815780000001&z=15>

**TIME TRIAL – Saturday, April 9, 2022, Cummings Research Park**

**TIME TRIAL**  
SATURDAY, APRIL 9, 2022



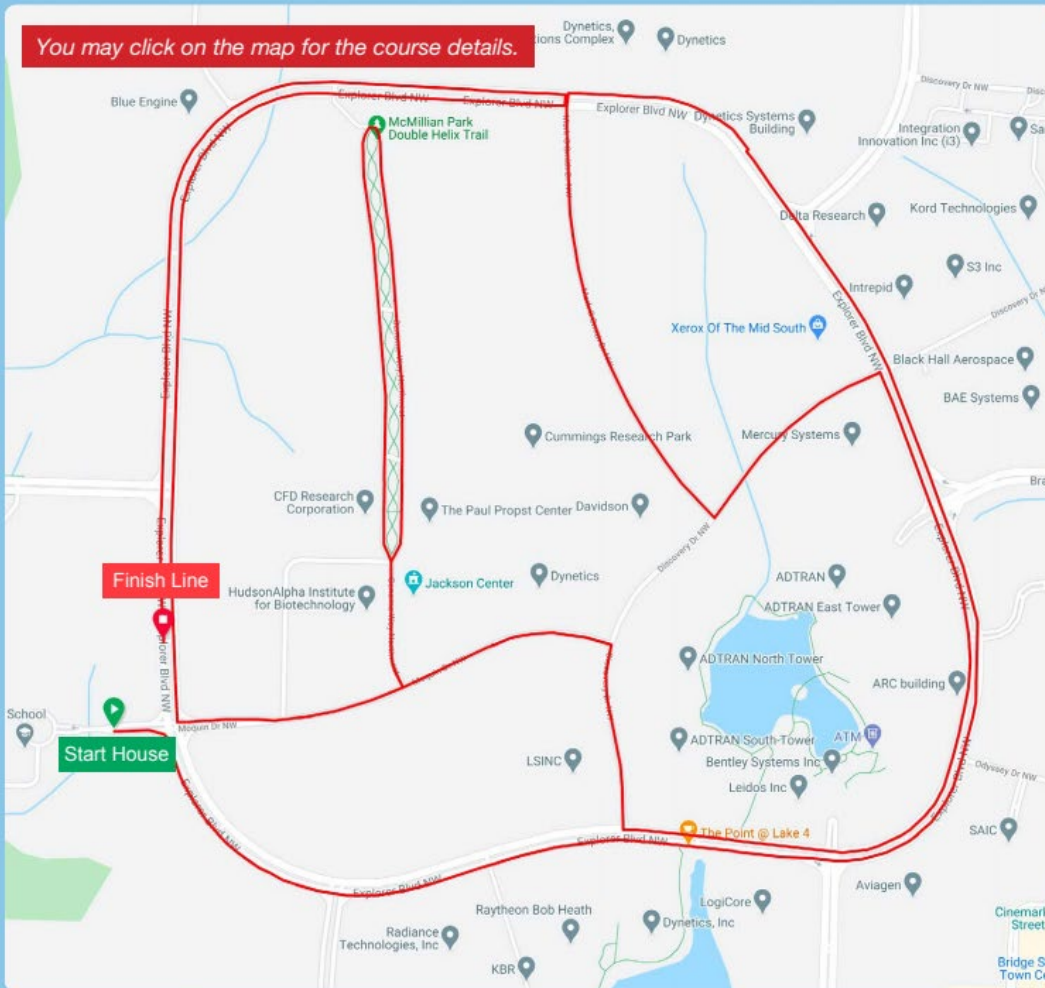
**U.S. PARALYMPICS  
CYCLING OPEN**

HUNTSVILLE, AL  
APRIL 8-10, 2022

Presented by **TOYOTA**

OFFICIAL DISTANCE: 9.3mi (15km)

ELEVATION GAIN +266ft; ELEVATION LOSS -254ft



### Time Trial Elevation Profile



### Time Trial Notes

- A specially-designed starting ramp will be used for all classes. Riders should arrive 15 minutes prior to assigned start time and must follow directions of the race staff and officials in the starting queue.
- Upon finishing, riders will continue on course for approximately 75 yards and will deviate on the right back into athlete parking.
- Riders are responsible for keeping track of laps ridden.
- Throughout the race, riders must stay on their side of the road (right) as all sections have enough space for passing on the left.
- Handcycles and trikes do not need to have draft bars affixed during the time trial
- Neutral Service pits will be available on course. Location #1 at the top of the Helix and #2 top of race course at Explorer/Mark Smith Dr

### Directions to Athlete Parking, Race Start/Finish

The following directions MUST be followed to Athlete Parking as the course has "NO" crossing points to enter parking areas at the venue.

- From The Westin Huntsville take Governors W to Eagle Drive Northwest
- Turn left onto Voyager Way from Eagle Drive Northwest
- Turn Right onto Madison Pike, take Madison Pike for 2.5 miles
- Turn Right onto Slaughter Rd, drive for 1.5 miles
- Turn Right onto Farrow Rd, Turn Right into Venue at Columbia High School

### Toyota Athlete Lounge

An athlete-only lounge will be available on Saturday and Sunday behind the start/finish stage and podium, for athletes not currently competing or who are waiting for awards ceremonies. Sport dietician-approved food and drink, including fueling and recovery items as well as other hospitality items will be available in the lounge. **Thank you, Toyota!**

**ROAD RACE – Sunday, April 10, 2022, Cummings Research Park**

**ROAD RACE**  
SUNDAY, APRIL 10, 2022



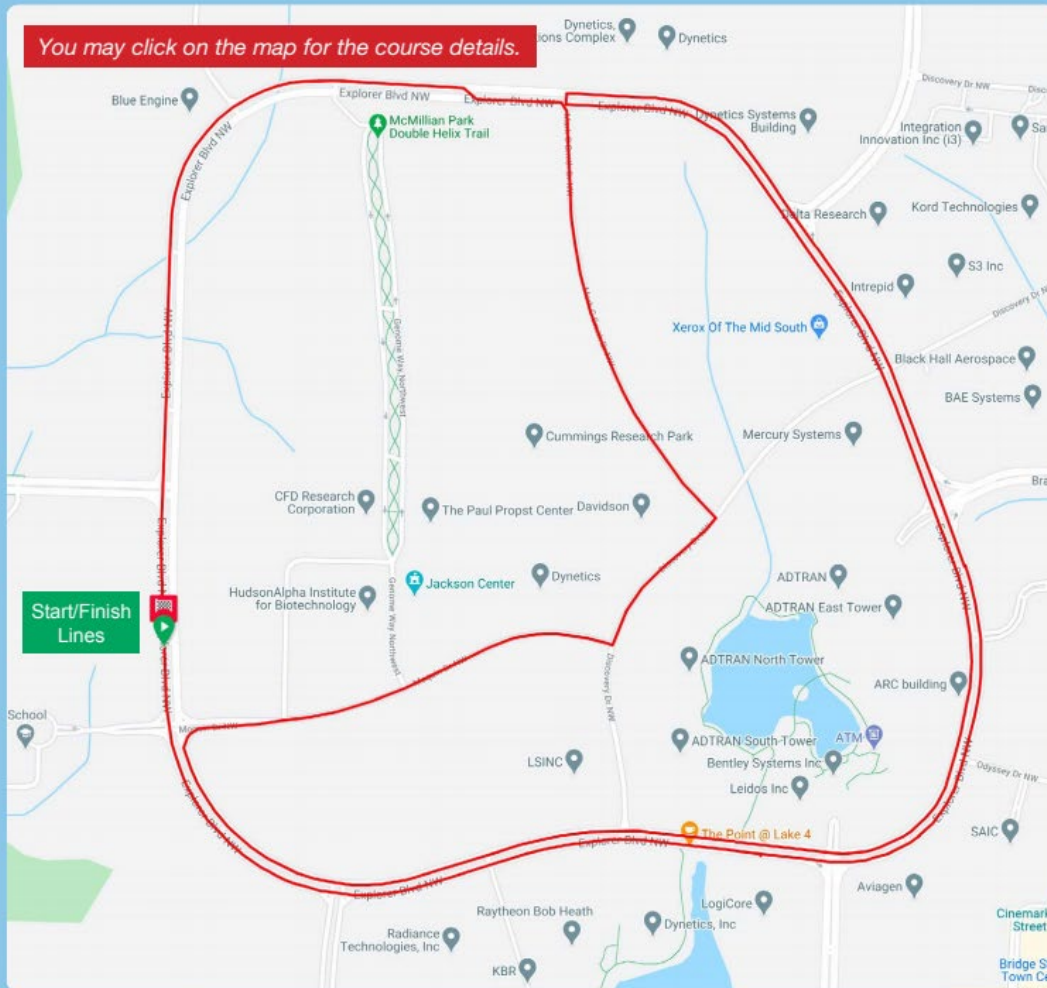
**U.S. PARALYMPICS  
CYCLING OPEN**

HUNTSVILLE, AL  
APRIL 8-10, 2022

Presented by **TOYOTA**

OFFICIAL DISTANCE: 7.5mi (12km)

ELEVATION GAIN +209ft; ELEVATION LOSS -204ft



## Road Race Elevation Profile



## Road Race Notes

- Neutral support will be available in the athlete parking area & wheel pits located on course
- All handcycles and trikes must have a draft bar affixed for the road race
- All riders must finish on the same lap as the winner of the start group
- Tandems: Pilot and Stoker must wear matching competition uniforms
- All riders must wear the appropriate helmet color as outlined below

## Helmet Colors, per Classification

**Red:** C5 men / C5 women / T2 men / H4 men / H4 women / B men

**White:** C4 men / C4 women / H3 men / H3 women / B women / T2 women

**Blue:** C3 men / C3 women / H2 men / T1 women

**Black:** H5 men / H5 women / C2 men / C2 women / T1 men

**Yellow:** C1 men / C1 women / H2 women

**Green :** H1 men

**Orange:** H1 women

## Directions to Athlete Parking, Race Start/Finish

The following directions MUST be followed to Athlete Parking as the course has "NO" crossing points to enter parking areas at the venue.

- From The Westin Huntsville take Governors W to Eagle Drive Northwest
- Turn left onto Voyager Way from Eagle Drive Northwest
- Turn Right onto Madison Pike, take Madison Pike for 2.5 miles
- Turn Right onto Slaughter Rd, drive for 1.5 miles
- Turn Right onto Farrow Rd, Turn Right into Venue at Columbia High School
- Follow Athlete Parking Signs

## Toyota Athlete Lounge

An athlete-only lounge will be available on Saturday and Sunday behind the start/finish stage and podium, for athletes not currently competing or who are waiting for awards ceremonies. Sport dietician-approved food and drink, including fueling and recovery items as well as other hospitality items will be available in the lounge. **Thank you, Toyota!**

### Protocol & Awards

Awards & podiums will be on the stage by the start/ finish line throughout the day. Please see the competition schedule for exact times.

- All athletes are required to attend and are required to follow the UCI rules for podium attire.
- Athletes who do not attend the podium ceremony, or who do not wear appropriate attire may face a fine by the UCI
- For more details re: rules about podium attire, please refer to the UCI rules for Para-cycling: <https://www.uci.ch/inside-uci/constitutions-regulations/regulation>

The top-3 finishers for all events are required to attend and participate in the awards ceremony. **All award ceremony participants must wear masks.** Up to 3 medals will be provided for each event/sport class in the table below – regardless of combined starting groups in the road race - provided the sport class has one (1) or more entrant.

### Handcycle Relay

Mixed Classes: Top 3

*Note: Awards ceremony takes place at the start / finish line immediately following the conclusion of the race. Athletes should plan to take part of the awards ceremony **in their handcycles.***

### Time Trial & Road Race

Top 3 in the following classes:

- MH1, MH2, MH3, MH4, MH5
- MT2
- MB
- MC1, MC3, MC4, MC5
- WH2, WH3, WH4, WH5
- WT2
- WB
- WC2, WC3, WC4, WC5



### **Anti-Doping**

All Athletes, Athlete Support Personnel and other Persons, by virtue of their participation in the Olympic, Paralympic, Pan American, Parapan American or Youth Olympic Games, participation in an Event or Competition organized or sanctioned by the USOPC or an NGB, an International Federation ("IF"), the International Olympic Committee ("IOC"), the International Paralympic Committee ("IPC") or other Major Event Organization, participation on a national team, utilization of an Olympic and Paralympic Training Center ("OPTC"), receipt of benefits from the USOPC or an NGB, inclusion in the Registered Testing Pool ("RTP") or Clean Athlete Program ("CAP"), or otherwise subject to the Code agree to be bound by the USOPC National Anti-Doping Policy and by the USADA Protocol. It is the duty of Athletes, Athlete Support Personnel and other Persons to comply with all anti-doping rules of the World Anti-Doping Agency (WADA), the IPC, the USOPC National Anti-Doping Policy, and of the U.S. Anti-Doping Agency (USADA), including the USADA Protocol for Olympic and Paralympic Movement Testing (USADA Protocol) and all other policies and rules adopted by WADA, the IPC, the USOPC and USADA. Athlete participants agree to submit to drug testing by the IPC and/or USADA or their designees at any time and understand that the use of methods or substances prohibited by the applicable anti-doping rules make them subject to penalties including, but not limited to, disqualification and suspension. If it is determined that an individual participant may have committed a doping violation, the participant agrees to submit to the results management authority and processes of USADA, including arbitration under the USADA Protocol, or to the results management authority of the IPC, if applicable or referred by USADA. More information about the USOPC National Anti-Doping Policy can be found at <https://www.teamusa.org/Footer/Legal/Anti-Doping>

More information about banned substances and doping control can be found by visiting: [www.usada.org](http://www.usada.org). All athletes who compete in the U.S. Paralympics Cycling Open are subject to drug testing. If athletes are notified for drug testing they must bring an ID with them and are allowed and strongly encouraged to have one representative to accompany them through the drug testing process.