

## Appendix VI: 21<sup>st</sup> CAC Routes Google Map Links

The following section provides -- in approximate chronological order -- Google Map links for the various routes which vehicles must follow during the 21<sup>st</sup> CAC event depending on whether they are in the Local or Highway class. These links will be available on the 21<sup>st</sup> CAC website under Routes. They will also be emailed to competitors, allowing them to navigate by GPS systems on their mobile devices. Paper maps and directions will also be available at the competition. An abbreviated event agenda showing just route-specific information is provided here for reference:

### **FRIDAY, May 1 – 21<sup>ST</sup> CAC TECH/DYNAMIC and RANGE EVENTS**

- 11:00 Team Range Event “flight plans” due
- 11:30-12:30 BBQ lunch with competition orientation
- 12:30 Start **Highway Range Event** laps on I99
- 4:00 **Local Rally One** from CPI to staging area on LTI Test Track
- 4:30-5:30 Picnic dinner at LTI Test Track (take-outs for highway range competitors)
- 5:30~10:30 On-track **Local Range Event** continues **Highway Range** concludes

### **SATURDAY, May 2 – 21<sup>ST</sup> CAC LIFESTYLE EFFICIENCY, DISPLAY, and UTILITY EVENTS**

- 6:30-7:30 Continental Breakfast - Drivers Meeting
- 7:30 **Start Lifestyle Efficiency Event** with **Rally Two Local and Highway** from Test Track to MorningStar home
- 7:30-12:00 **AM Local and Highway Route** around Penn State with errands
- 1:00-7:00 **PM Local Route** around Penn State and **Tour de Thor Scenic Highway Routes A or B** with errands
- 8:00-9:00 **Scoring Wrap-up Meeting** and **Rally Three Local and Highway** from MorningStar LTI Test Track

Friday 12:30-10:00 **Highway Range Event:** CPI to LTI Holidaysburg garage on I99 and return - 104 miles, 1 h 39 m. Errands: Charging at Sheetz Plank Road Altoona allowable if team submits receipts.

<https://www.google.com/maps?saddr=540+N+Harrison+Rd,+Bellefonte,+PA+16823&daddr=2237+Old+Route+220+N,+Duncansville,+PA+16635+to:540+N+Harrison+Rd,+Bellefonte,+PA&hl=en&sll=40.666877,-78.074583&sspn=0.644777,0.883026&geocode=FQHQBwIdwMZd-ymjAu8QsbzOiTHLREd6sGyFtg%3BFW0zaQIdWpJT-yn55ZikyZbLiTGaATouc8mw%3BFQHQBwIdwMZd-ymjAu8QsbzOiTHLREd6sGyFtg&oq=540+N+Harrison+Rd,+Bellefonte,+PA+16823&mra=ls&t=m&z=10>

Friday 4:00 **Local Rally One:** CPI to Test Track - 9 .0 miles, 17 m. Errands: none. **Highway** vehicles will also take this route to Test Track at completion of I99 laps.

<https://www.google.com/maps/dir/540+North+Harrison+Road,+Pleasant+Gap,+PA+16823/164+Test+Track+Road,+Bellefonte,+PA/@40.886265,-77.780457,12z/data=!4m23!4m22!1m15!1m1!1s0x89cecb17ba244a1:0x4e25352f54947f89!2m2!1d-77.737463!2d40.879218!3m4!1m2!1d-77.765534!2d40.906625!3s0x89cea320ff841129:0x8e83fa3ea9f634ca!3m4!1m2!1d-77.775812!2d40.911099!3s0x89cea2e23f80b2bb:0xf0e09b2c8222e75a!1m5!1m1!1s0x89cea41d7738a8a5:0x1352973cf8bfcc17!2m2!1d-77.8359249!2d40.864007?hl=en>

Friday 5:30~10:00 **Local and Highway** range laps on test track – 0.978 miles each

Saturday 7:30 am **Rally Two Local and Highway** from Test Track to MorningStar – 6.0 miles 12 minutes. Errands: None.

<https://www.google.com/maps/dir/164+Test+Track+Road,+Bellefonte,+PA/40.808887,-77.849281/@40.8353888,-77.8331566,13z/data=!4m15!4m14!1m10!1m1!1s0x89cea41d7738a8a5:0x1352973cf8bfcc17!2m2!1d-77.8359249!2d40.864007!3m4!1m2!1d-77.8628187!2d40.8449959!3s0x89cea6f372dfd5ed:0x3f156a1fa22f6bb7!1m1!4e1!3e0?hl=en>

Saturday morning any time between 7:30-12:00 **AM Local and Highway Route** around Penn State – 20.8 miles 47 minutes. Errands: (D) Nittany Lion Statue and (E) Creamery top of parking garage submit pictures.

<https://maps.google.com/maps?saddr=Porter+Rd&daddr=Porter+Rd+to:N+Burrowes+St+to:N+Burrowes+St+to:Bigler+Rd+to:E+Park+Ave+to:Orchard+Rd+to:Rock+Rd+to:Rock+Rd%2FT969+to:40.8744551,-77.8469087+to:40.8798981,-77.8398351+to:40.8819699,-77.8645669+to:40.8540179,-77.884286+to:Porter+Rd&hl=en&ll=40.835372,-77.842598&spn=0.158191,0.338173&sll=40.807768,-77.851224&sspn=0.019782,0.042272&geocode=FR-zbgIdRxp-w%3BFbSjbgIduDZc-w%3BFQRzbgIdbeNb-w%3BFYaBbgIdfNjb-w%3BFbKgbgId3etb-w%3BFRDwbgIdCRhc-w%3BFZjGbgIdf0hc-w%3BFRcUbwIdX3Jc-w%3BFSiJbwId-EZc-w%3BFdexbwIdhCZc->

[ynPe8XCrqbOiTF0S8u9h\\_kieg%3BFRrHbwIdJUJc-yl9F2JRVKHOiTE8Gw3InTX0dw%3BFTHPbwIdiuFb-ynZvhWeM6HOiTGIXCKYdPxt4Q%3BFQFibwIdgpRb-ymtoBMe4qbOiTHpYNOX7JDT4A%3BFZuzbgIdYhlc-w&mra=mr&via=9,10,11,12&t=m&z=12](https://www.google.com/maps/dir/40.809509,-77.850575/40.7346,-77.88436/40.64121,-77.8312/40.60424,-77.7306/40.667886,-77.6030149/40.79394,-77.62463/40.8112193,-77.852816/40.80968,-77.8509/@40.7841817,-77.8274487,17z/data=!4m3!4m30!1m1!4e1!1m1!4e1!1m1!4e1!1m1!4e1!1m0!1m16!3m4!1m2!1d-77.8271206!2d40.7843659!3s0x89ceaf4fbeda49c7:0xa2ac1637a790a926!3m4!1m2!1d-77.8575668!2d40.808382!3s0x89cea6183b0bc777:0xe539baede7f45035!3m4!1m2!1d-77.8538139!2d40.8122287!3s0x89cea616d1e1800d:0x50fb4075286f39b!4e1!1m0!1m1!4e1!3e0?hl=en)

Saturday 1:00-7:00 **Tour de Thor Scenic Highway Route A** from MorningStar to Belleville and return – 60.4 miles, 1 h 30 m. Errand: stop at historic Meyers Dairy on 322 Business (S. Atherton) Ice cream is good too!

<https://www.google.com/maps/dir/40.809509,-77.850575/40.7346,-77.88436/40.64121,-77.8312/40.60424,-77.7306/40.667886,-77.6030149/40.79394,-77.62463/40.8112193,-77.852816/40.80968,-77.8509/@40.7841817,-77.8274487,17z/data=!4m3!4m30!1m1!4e1!1m1!4e1!1m1!4e1!1m1!4e1!1m0!1m16!3m4!1m2!1d-77.8271206!2d40.7843659!3s0x89ceaf4fbeda49c7:0xa2ac1637a790a926!3m4!1m2!1d-77.8575668!2d40.808382!3s0x89cea6183b0bc777:0xe539baede7f45035!3m4!1m2!1d-77.8538139!2d40.8122287!3s0x89cea616d1e1800d:0x50fb4075286f39b!4e1!1m0!1m1!4e1!3e0?hl=en>

Saturday 1:00-7:00 **Tour de Thor Scenic Highway Route B** from MorningStar to Lewistown and return – 97.3 miles, 2 h 7 m. Errand: stop at historic Meyers Dairy on 322 Business (S. Atherton) Ice cream is good too!

<https://www.google.com/maps/dir/40.809509,-77.850575/40.7346,-77.88436/40.64121,-77.8312/40.395147,-77.9245688/40.6733182,-77.6035946/40.79394,-77.62463/40.81473,-77.85623/40.80968,-77.8509/@40.7854447,-77.8261322,16z/data=!4m2!4m20!1m1!4e1!1m1!4e1!1m1!4e1!1m0!1m0!1m6!3m4!1m2!1d-77.8273399!2d40.7843924!3s0x89ceaf4fb8324e2b:0x4beffd8f70b91108!4e1!1m1!4e1!1m1!4e1!3e0?hl=en>

Saturday afternoon any time between 1:00-7:00 **PM Local Route** around State College – 23.0 miles 53 minutes. Errands: USS Pennsylvania Naval Cannons and Meyers Dairy submit pictures

Saturday **PM Local Leg 1:** MorningStar to Pa Military Museum - 5.0 miles, 11 minutes  
Errand: picture under USS Pennsylvania Naval Cannons

<https://www.google.com/maps/dir/Porter+Rd,+State+College,+PA+16801/40.780459,-77.796644/@40.8003625,-77.8235185,13z/am=t/data=!3m1!4b1!4m26!4m25!1m20!1m1!1s0x89cea610378ca0a9:0xb5c22f7ec69124d5!2m2!1d-77.850393!2d40.8094312!3m4!1m2!1d-77.7986963!2d40.7901197!3s0x89ceaf7db2adff1b:0x3c07640bc4af531!3m4!1m2!1d-77.7998423!2d40.782822!3s0x89ceaf7a8d2f1b41:0xf17c9783b2384ee5!3m4!1m2!1d-77.7972095!2d40.7799287!3s0x89ceaf70dfdd8433:0xf8e799c7d79018f3!1m0!2m1!1b1!3e0>

Saturday **PM Local Leg 2:** Pa Military Museum to Nittany Lion – 5.4 miles 14 minutes

Errand: picture at Meyers Dairy. Ice cream is good too!

<https://www.google.com/maps/dir/Pennsylvania+Military+Museum,+51+Boal+Ave,+Boalsburg,+PA+16827/Nittany+Lion+Shrine,+State+College,+PA+16801/@40.7850505,-77.8287178,16z/data=!4m19!4m18!1m10!1m1!1s0x89ceaf7734fc9699:0x2741eb6788e9cd12!2m2!1d-77.797065!2d40.780078!3m4!1m2!1d-77.8565312!2d40.7982614!3s0x89cea8a0887dc703:0x55e67498eabb7c2c!1m5!1m1!1s0x89cea89ce9018c09:0xca6a64673a6f84e9!2m2!1d-77.8690244!2d40.7968119!3e0>

Saturday **PM Local Leg 3:** Return to MorninStar via Toftrees – 12.6 miles 28 minutes

Errand: none

<https://www.google.com/maps/dir/Nittany+Lion+Shrine,+State+College,+PA+16801/40.8042778,-77.8614878/40.798036,-77.857025/40.8091299,-77.8497781/@40.809763,-77.8502873,13z/am=t/data=!4m31!4m30!1m5!1m1!1s0x89cea89ce9018c09:0xca6a64673a6f84e9!2m2!1d-77.8690244!2d40.7968119!1m0!1m20!3m4!1m2!1d-77.8619064!2d40.7941955!3s0x89cea898d713ac51:0x9bec770ddca7805b!3m4!1m2!1d-77.9094654!2d40.7924909!3s0x89cea8124d34dac7:0x4d937caeab66a8d!3m4!1m2!1d-77.9220102!2d40.8124927!3s0x89cea7fbdbeffb3:0x9d9f52277e9b7c61!3m4!1m2!1d-77.8873585!2d40.8294822!3s0x89cea7b247f35a21:0x2203560a2edc190e!1m0!3e0>

Saturday 8:00-9:00 pm Scoring wrap-up meeting and **Rally Three Local and Highway** MorningStar to Test Track 6.0 miles 11 minutes. Errands: none.

<https://www.google.com/maps/dir/40.808981,-77.8494582/164+Test+Track+Road,+Bellefonte,+PA/@40.83784,-77.9030232,13z/data=!4m14!4m13!1m5!3m4!1m2!1d-77.8640504!2d40.8442909!3s0x89cea6f41baac9c3:0xd7e327b9839094e!1m5!1m1!1s0x89cea41d7738a8a5:0x1352973cf8bfcc17!2m2!1d-77.8359249!2d40.864007!3e0?hl=en>