

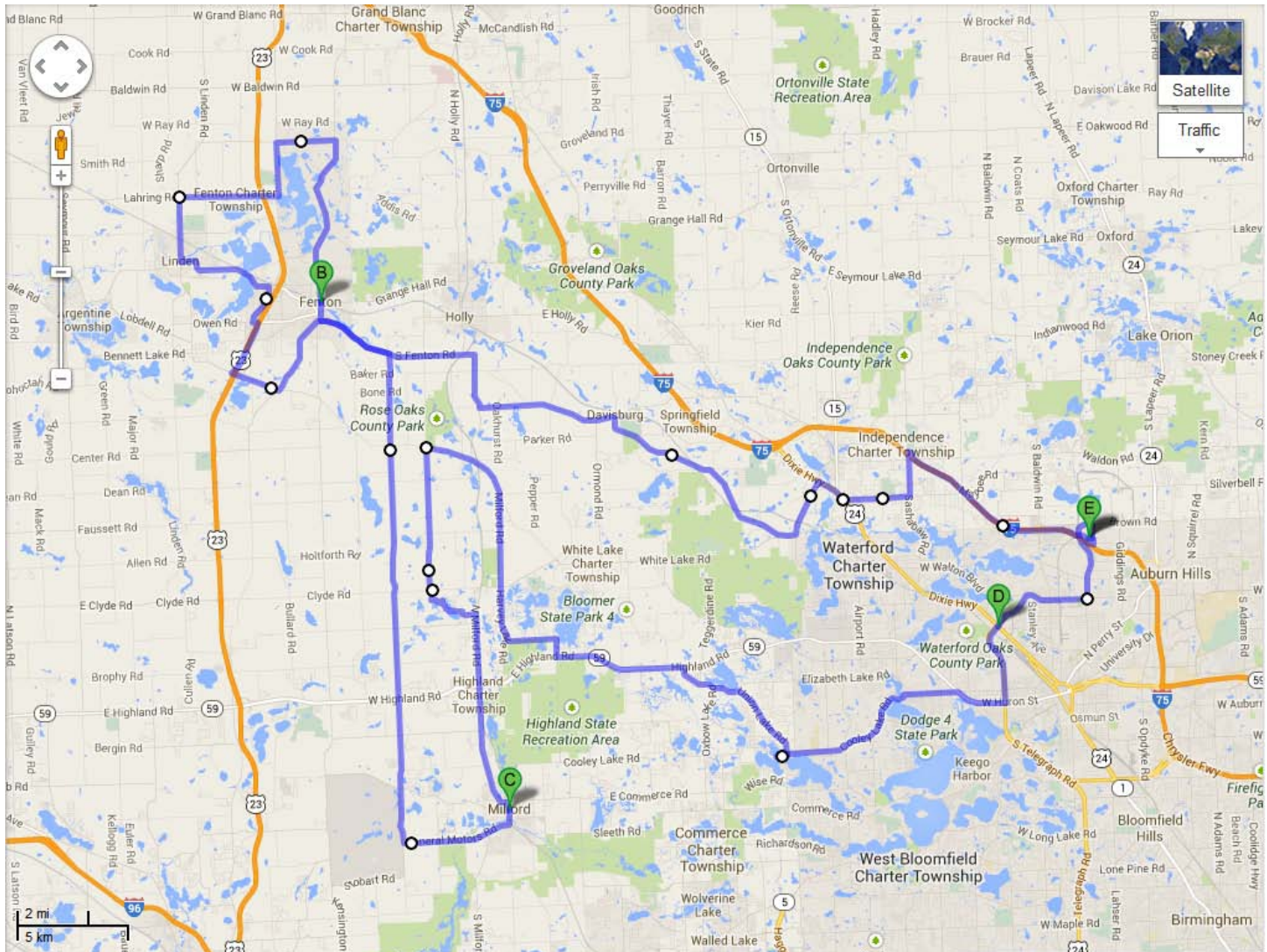
Proposed Toyota Test Routes

AHB Test Routes

AHB Route #1: Auburn Hills, Fenton, Milford, & Pontiac

Length: ~110 miles (~180 km) – 3:30 hour drive time

Features: 2 lane roads, highway, hills, and valleys



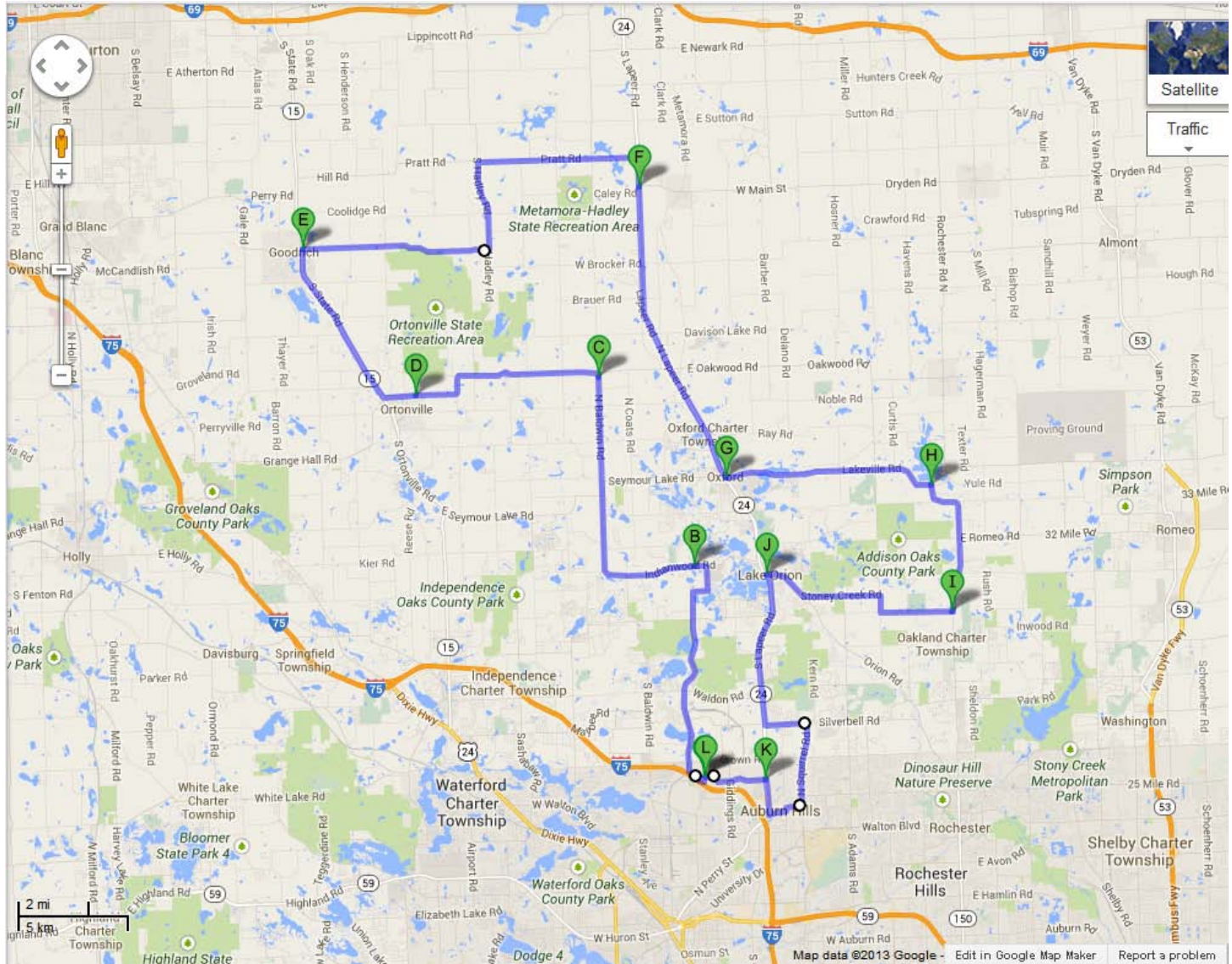
Link (too long for a hyperlink. Please copy and paste into browser):

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AHB Route #2: Auburn Hills, Lake Orion, Goodrich, Metamora

Length: ~78 miles (~125 km) – 2:00 hour drive time

Features: Scattered reflectors on mailboxes, numerous traffic lights, and street lamps



Link:

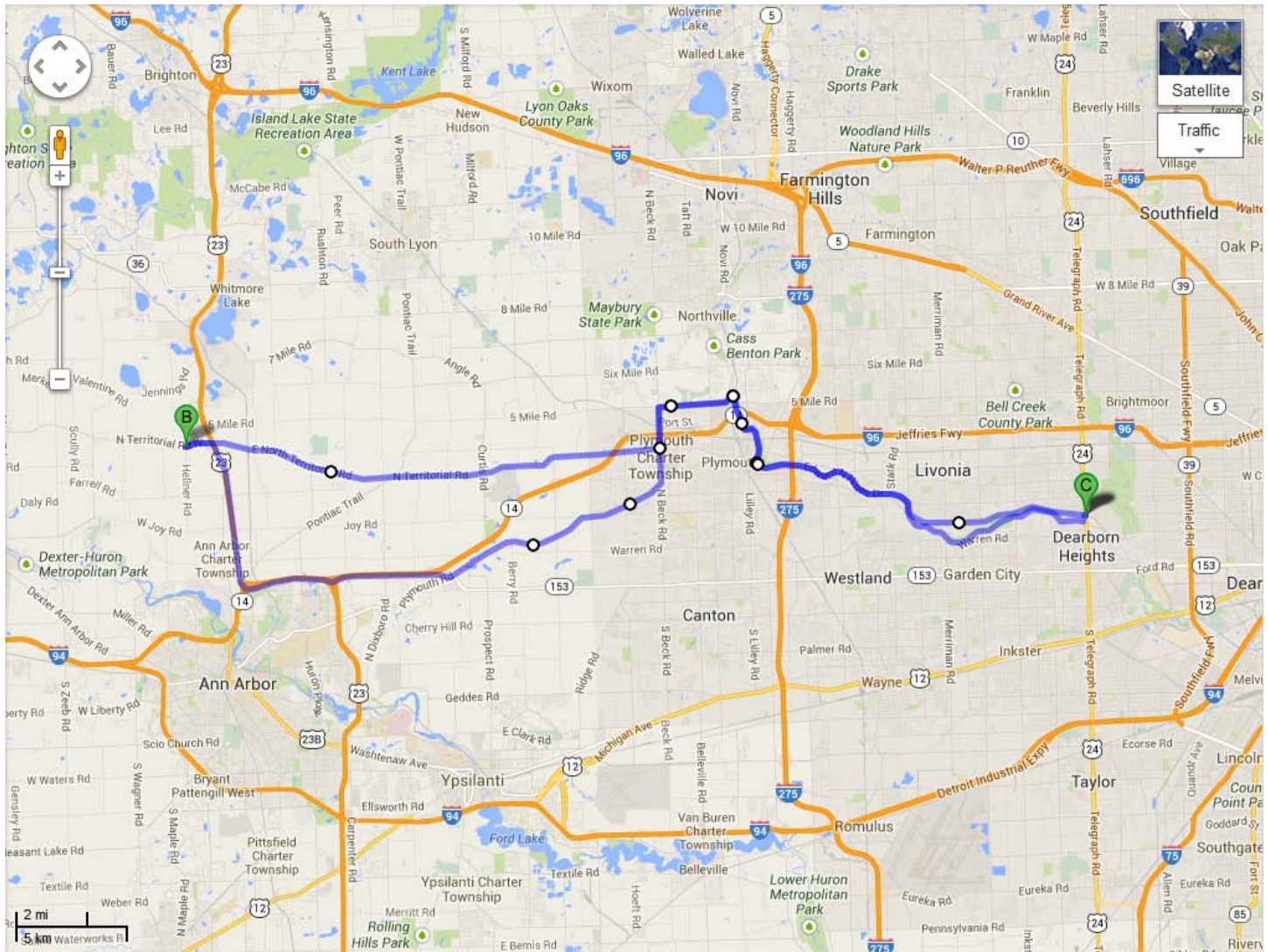
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AHB Route #3: Ann Arbor and Webster Township

Round trip from Auburn Hills to route start: ~60 miles (~97 km) – 1:00 hour drive time

Length: ~65 miles (~105 km) – 2:00 hour drive time

Features: Scattered reflectors on mailboxes, numerous traffic lights, and street lamps



Link:

https://maps.google.com/maps?saddr=Ann+Arbor+Trail&daddr=42.3708142,-83.4557537+to:42.3987419,-83.468985+to:42.3775556,-83.5100791+to:42.3675995,-83.6915739+to:N+Territorial+Rd+W+to:42.3379242,-83.5800294+to:42.3546108,-83.5263675+to:42.3945918,-83.5033774+to:42.3987612,-83.4694128+to:42.3876681,-83.4642647+to:42.3710535,-83.4559752+to:42.3469642,-83.3441463+to:N+Telegraph+Rd&hl=en&sl=42.376807,-83.529053&sspn=0.202644,0.346069&geocode=Fc80hgldh1YJ-w%3BFf6Ghgld95AG-ymRHOKWLq0kiDF4x57jM7g6AA%3BFRX0hgldR10G-ykJETgT_KwkiDFd5omu4qWHYw%3BFVOhgldwbwF-ykp6GrOWaskiDGSc6qU4gpqZQ%3BFW96hgldy_cC-ynDh-R9uqW8iDEMYimrUUe-og%3BFfKihgldGL4B-w%3BFYQGHgldg6SE-yIbQWq4eIU7iDHeYqFXI_iSZw%3BFbJHhgldIX0F-yIjP7rEuFQ7iDH1qc0S85ga_A%3BFd_jhgld79YF-ykH9CQEnawkiDGPdIw1IHZDg%3BFSn0hgldnFsG-ynfXx32-6wkiDE9kJEemRExww%3BFdTihglduG8G-ymfwPQoHq0kiDFtaS00I4I9wg%3BFe2HhgldGZAG-ym_bgtWLq0kiDGqn4DQgRRZOW%3BFdQphgld7kQI-ymjgM8_pUw7iDG0BFKZ_uiVvQ%3BFco0hgldoFYJ-w&mra=ls&via=1,2,3,4,6,7,8,9,10,11,12&t=m&z=11

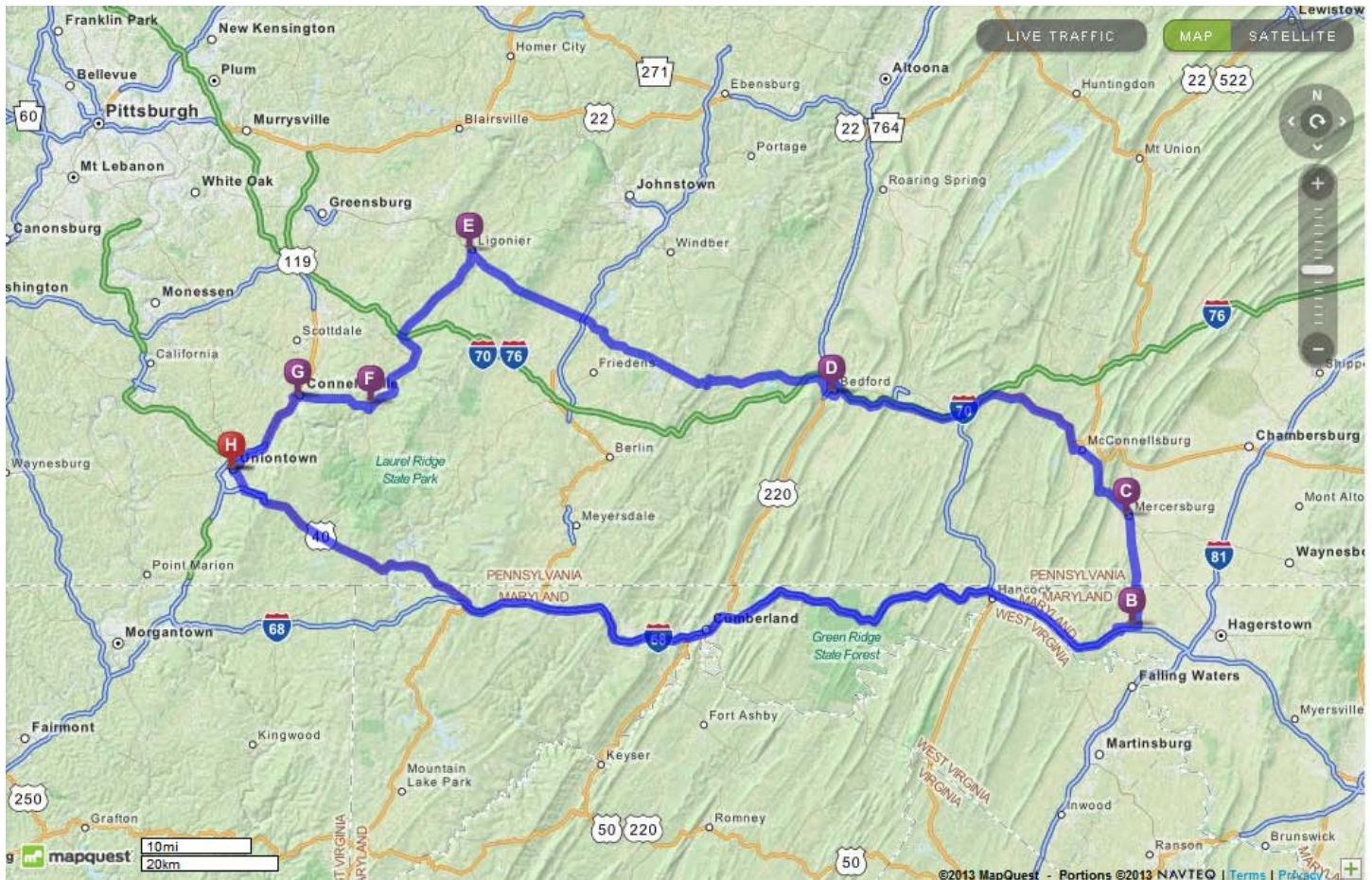
Mountain Loop: PA & MD

Round trip from Auburn Hills to route start: ~750 miles (~1200 km) – 12:00 hour drive time

Length: ~271 miles (~436 km) – 6:00 hour drive time – 2 loops to fulfill mileage requirements

Features Taking US-40 & Alt-40 East (National Pike Hwy): Mt. Washington, Laurel Canyon, numerous curves, and valleys

Features Taking US-30 West (Lincoln Hwy): Laurel Mountain, numerous curves, and valleys



Link: <http://www.mapquest.com/?version=1.0&hk=1-Sju92Gcy>

Downtown Chicago Loop: IL

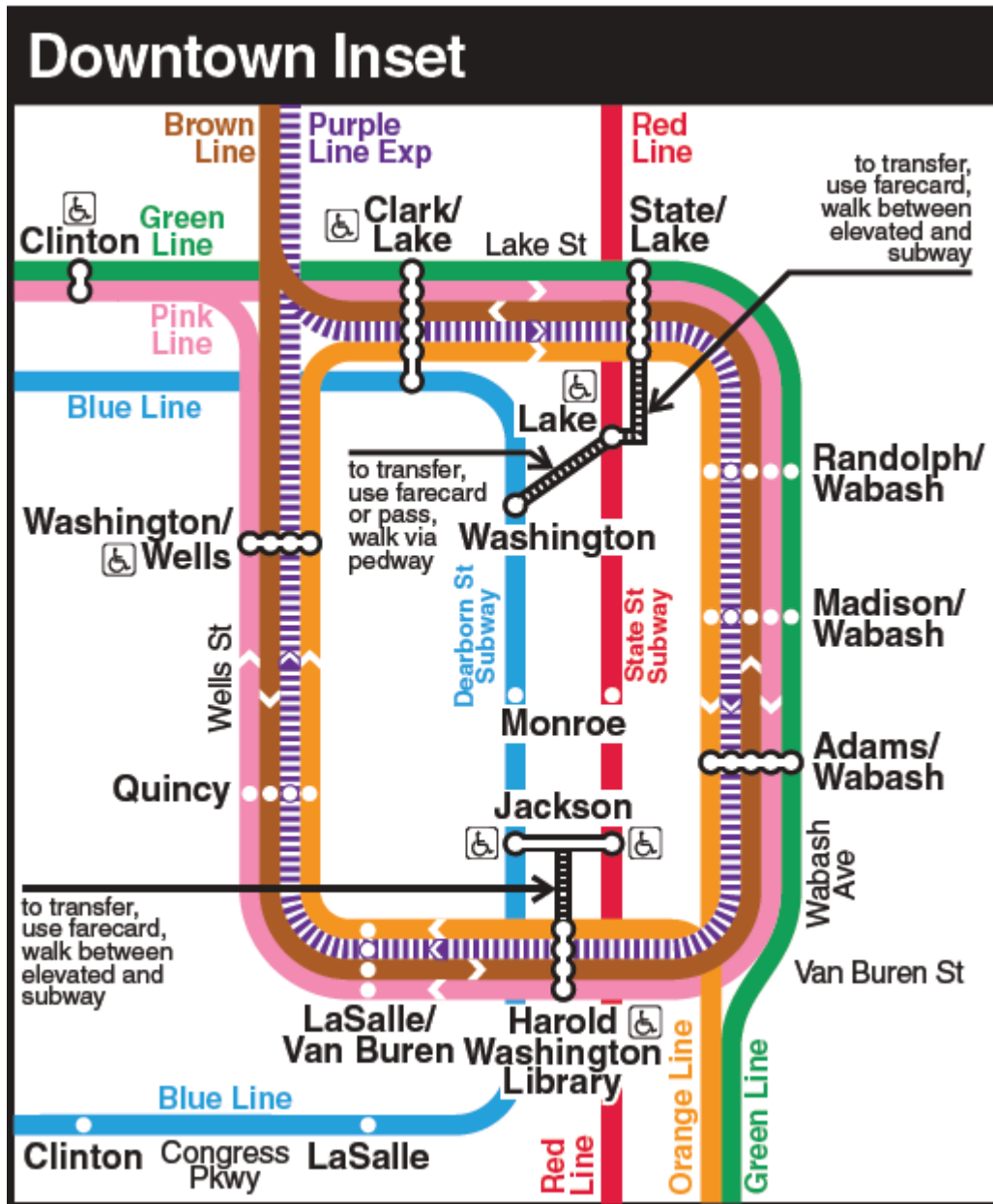
Round trip from Auburn Hills to route start: ~600 miles (~960 km) – 4:30 hour drive time

Length: ~10 miles (~16 km) – 0:45 hour drive time, dependent upon time of day.

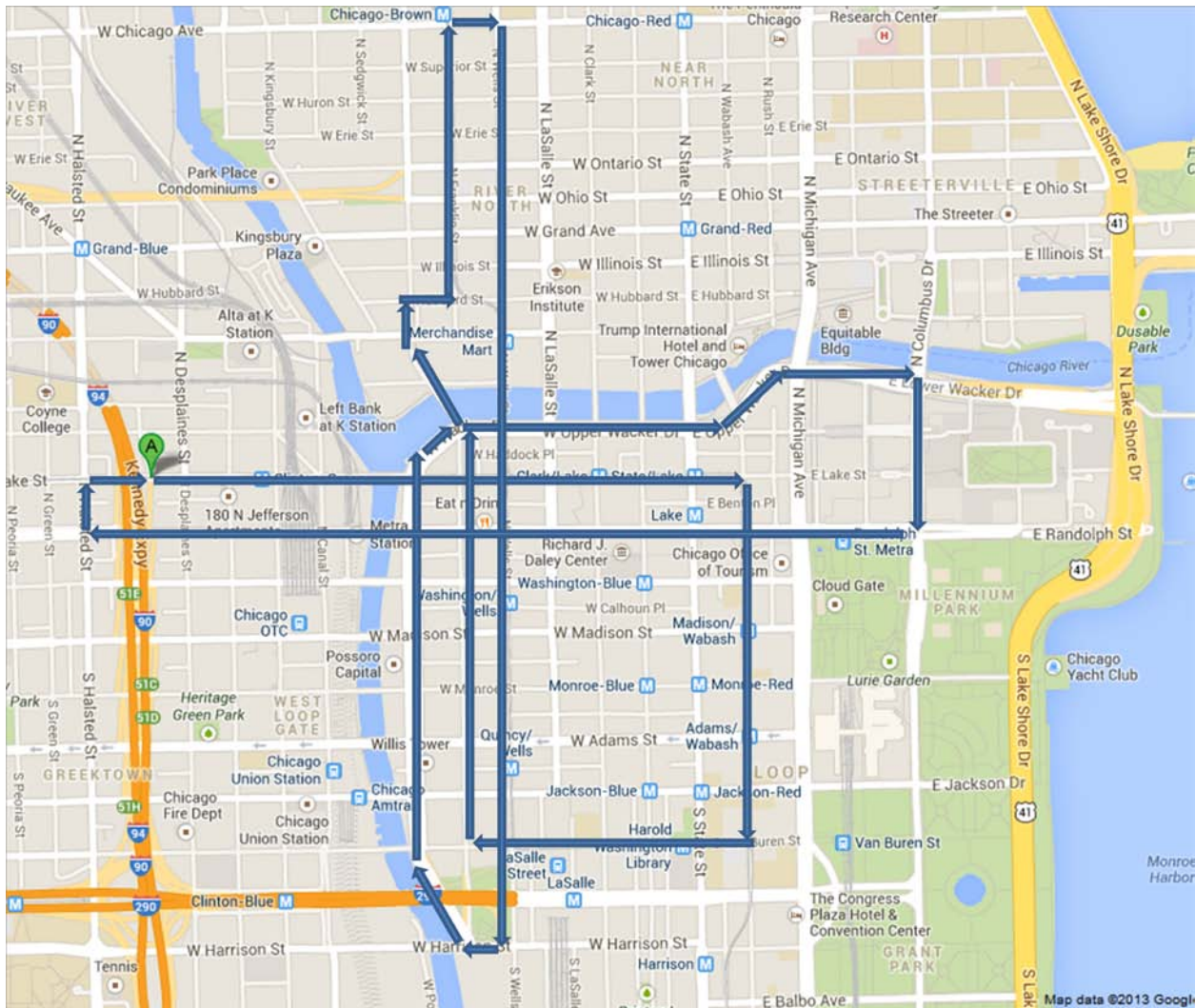
Features: Majority of drive under the Elevated Train (The “L”) track, underground, and past metal bridges.

Note: The route presents a safety issue for driver's that are not at an expert level of ACC system functionality.

Downtown Chicago Elevated Train (The “L”) Routes



Test Route



Staging off of Exit 51A off I-94 on Lake Street
 Drive east on Lake Street to Wabash Street
 Drive south on Wabash Street to Van Buren Street
 Drive west on Van Buren Street to Franklin Street
 Drive north on Franklin Street, which turns into Orleans Street, to Hubbard Street
 Drive east on Hubbard to Franklin Street
 Drive north on Franklin Street to Chicago Street
 Drive east on Chicago Street to Wells Street
 Drive south on Wells Street to Harrison Street
 Drive west on Harrison Street to Wacker Drive
 Drive north on Wacker Drive into Lower Wacker Drive to Columbus Drive
 Drive south on Columbus Drive to Randolph Street
 Drive west on Randolph Street to Halsted Street
 Drive north on Halsted Street to Lake Street
 Drive east on Lake Street to stage route again

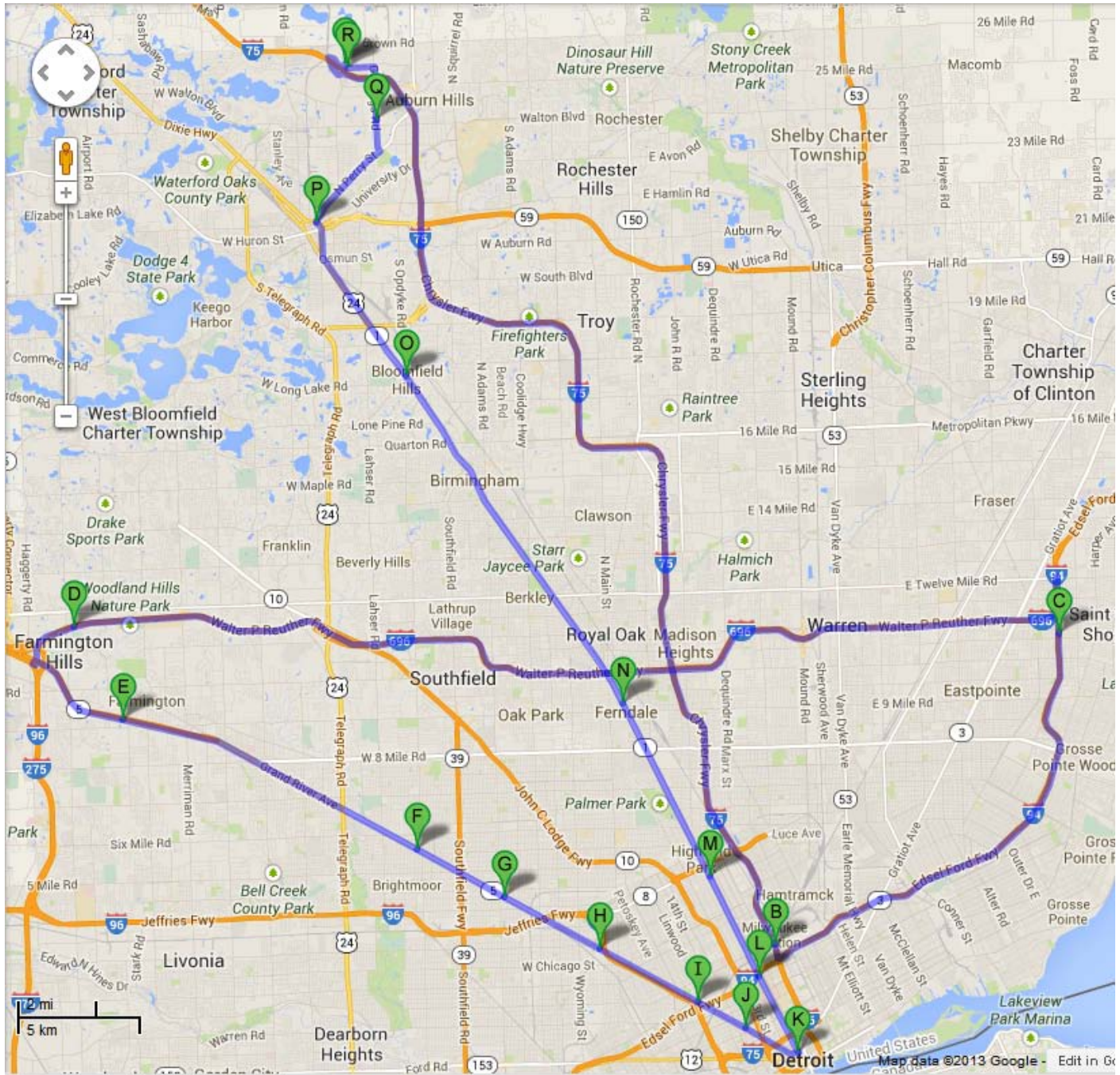
Map Of Area Exiting Lower Wacker Drive to Columbus Drive



Detroit Loop: MI

Length: ~130 miles (~209 km) – 3:00 hour drive time, dependent upon time of day.

Features: Different levels of highway, curves, and past metal bridges.



Link:

<https://www.google.com/maps?saddr=one+continental+drive,+auburn+hills,+mi&daddr=I-75+S+to:I-94+E+to:I-696+W+to:M5+E+to:Grand+River+Ave+to:Grand+River+Ave+to:Grand+River+Ave+to:Grand+River+Ave+to:Grand+River+Ave+to:Grand+River+Ave+to:Woodward+Ave+to:Woodward+Ave+to:Woodward+Ave+to:Woodward+Ave+to:Woodward+Ave+to:Giddings+Rd+to:Harmon+Rd&hl=en&ll=42.37871,-83.083591&spn=0.099671,0.174236&sl=42.375666,-83.082218&sspn=0.099675,0.174236&geocode=FdORiwlAksJ-yktg8poHJUkiDEp3wnKUU3lBw%3BF5iUhglDjJoM-w%3BFU9YiAldjckO-w%3BFR9iAld1DQH-w%3BFejbhwldbpUH-w%3BFSwfhwldftgJ-w%3BFfzZhglDQIQK-w%3BFdSNhgldYUEL-w%3BFbRAhgldcAAM-w%3BFdMahgldXV4M-w%3BFYn3hQld1sYM-w%3BFW1mhgldpHsM-w%3BFSD4hgldYhkM-w%3BFfPzhwldzG4L-w%3BFZrMiQldyMIJ-w%3BFR2sigld9BEJ-w%3BFSVAiwldvlgJ-w%3BFc6LiwldYVEJ-w&mra=pr&t=m&z=13>

ACC Validation Route: MI

Length: ~235 miles (~378 km) – 6:30 hour drive time, dependent upon time of day.

Features: Rural and curving roads



Link (too long for a hyperlink. Please copy and paste into browser):

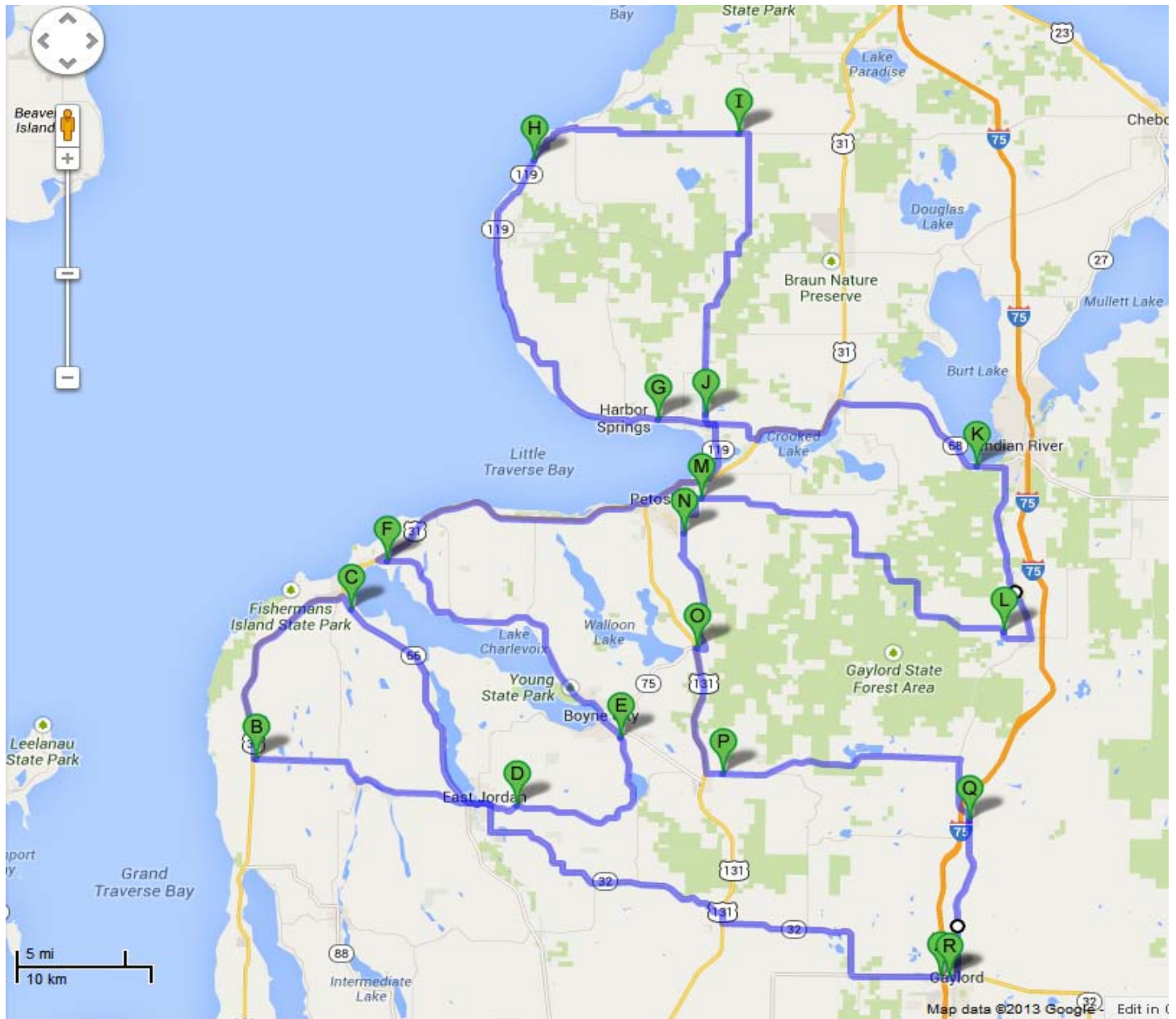
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Northwest Route: MI

Round trip from Auburn Hills to route start: ~400 miles (~650 km) – 6:00 hour drive time

Length: ~250 miles (~400 km) – 6:00 hour drive time.

Features: Rural, curving, and hilly roads



Link:

https://www.google.com/maps?saddr=W+Main+St&daddr=Atwood+Rd+to:M-66+S+to:Co+Rd+C-48%2FBoyne+City+East+Jordan+Rd+to:Fall+Park+Rd+to:Boyne+City+Rd+to:M-119+N+to:M-119+N%2FTunnel+of+Trees+Scenic+Heritage+Route+to:County+Road+66%2FE+Levering+Rd+to:County+Rte+C-81%2FPleasantview+Rd+to:M-68+E%2FSturgeon+St+to:45.306348,-84.6201211+to:County+Rte+C-58%2FWolverine+Rd+to:County+Rte+C-58%2FE+Mitchell+Rd+to:McDougal+Rd+to:Springvale+Rd+to:Co+Rd+C-48%2FThumb+Lake+Rd+to:Mill+St%2FYuill+Rd+to:45.064549,-84.6739011+to:W+Main+St&hl=en&sll=45.056304,-84.705791&sspn=0.095313,0.174236&geocode=FX8Qrwldbrfz-g%3BFXR8sQldzMbp-g%3BFSwiswldiyjr-g%3BFW32sAldCY t-g%3BFWK4sQld-RHv-g%3BFdaoswldgqzr-g%3BFdc6tQldNpzv-g%3BFWwRuAldXtDt-g%3BFdRcuAldTcfw-g%3BFWFHtQldmU3w-g%3BFek1tAldB0H0-g%3BFexRswldp8z0-iID_6tJDW41TTErR8jeBjLB2A%3BFeHhsgldNaP0-g%3BFA5ZtAldazvw-g%3BFQn5swldL_7v-g%3BFSa1sgldEi3w-g%3BFXZRsQld-lzw-g%3BFEV_MsAldRyT0-g%3BFWWhrwldk_rz-inn4wYGNUQ1TTEjQxliwJTstW%3BFVwQrwldfdbz-g&mra=dpe&mrs=18&sz=13&via=11,18&t=m&z=10

Bridge Route: PA

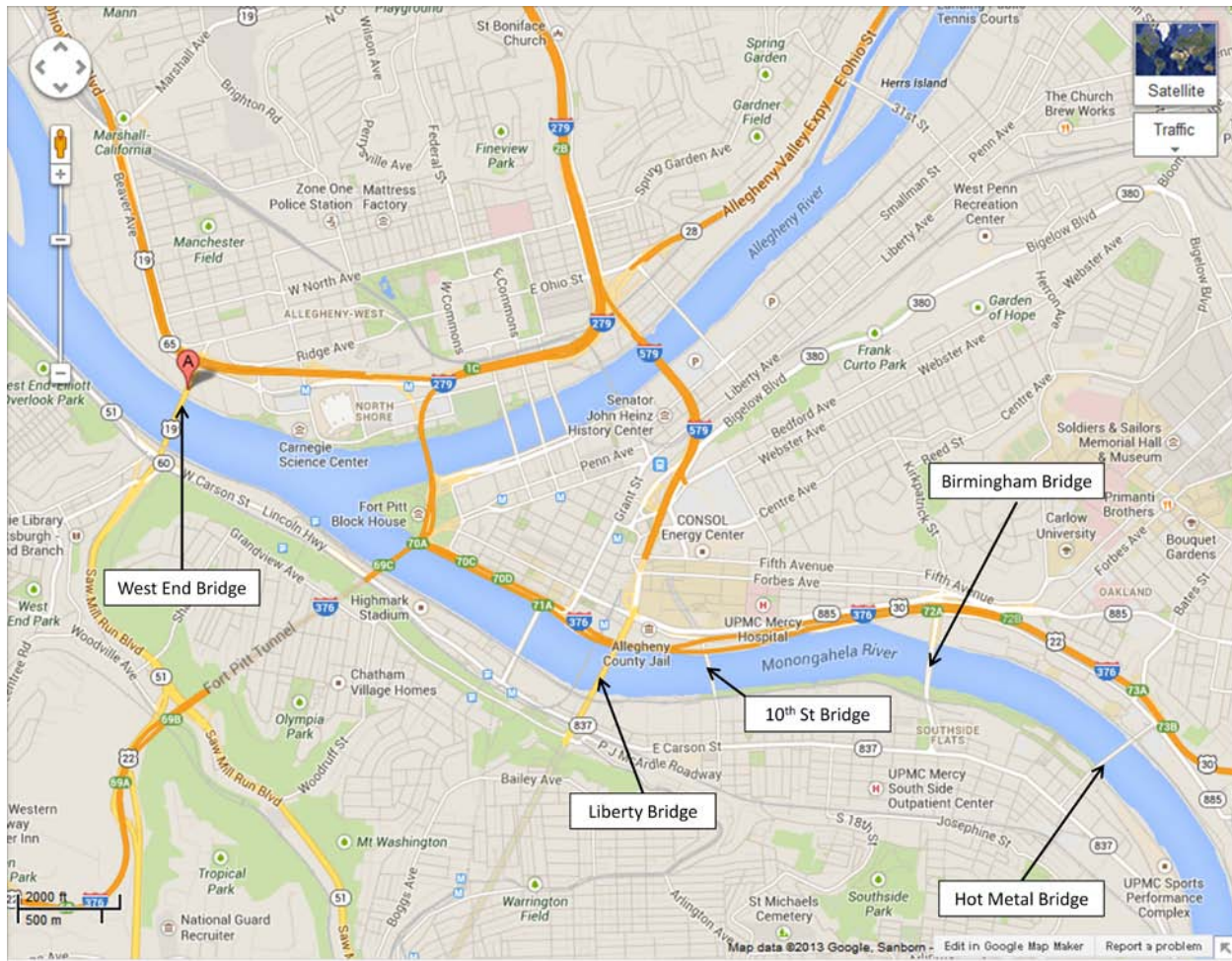
Round trip from Auburn Hills to route start: ~650 miles (~1050 km) – 9:30 hour drive time

Length: ~40 miles (~64 km) – 1:30 hour drive time.

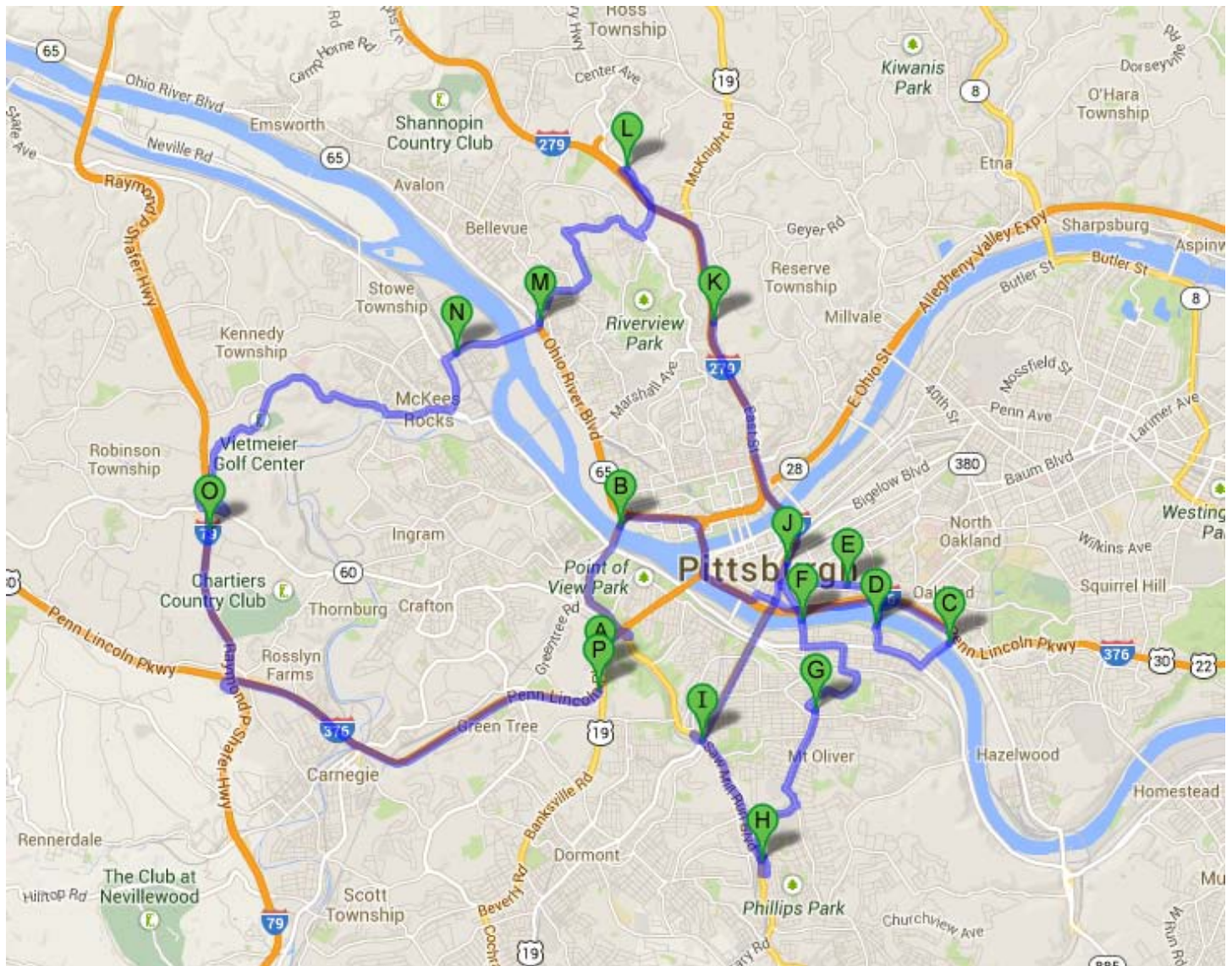
Features: Downtown driving across numerous metal bridges

Note: The route presents a safety issue for driver's that are not at an expert level of ACC system functionality.

Known "Radar-Challenging" Bridges



Test Route



Link:

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