

SPRING BREAK TRIP 2018

UNIVERSITY OF PITTSBURGH AT JOHNSTOWN
DEPARTMENT OF ENERGY AND EARTH RESOURCES



SCOTLAND!!

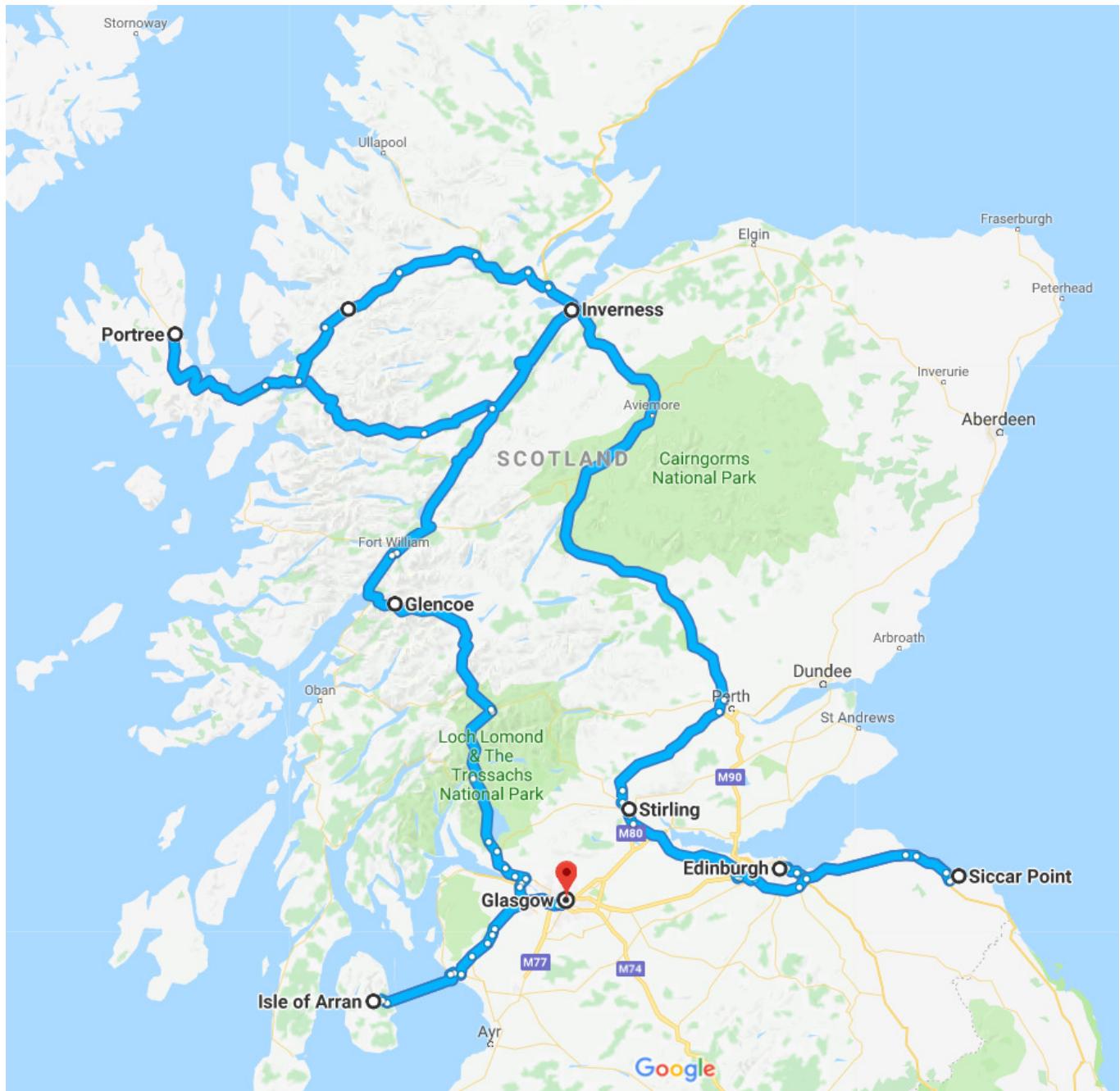


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BRIEF ITINERARY

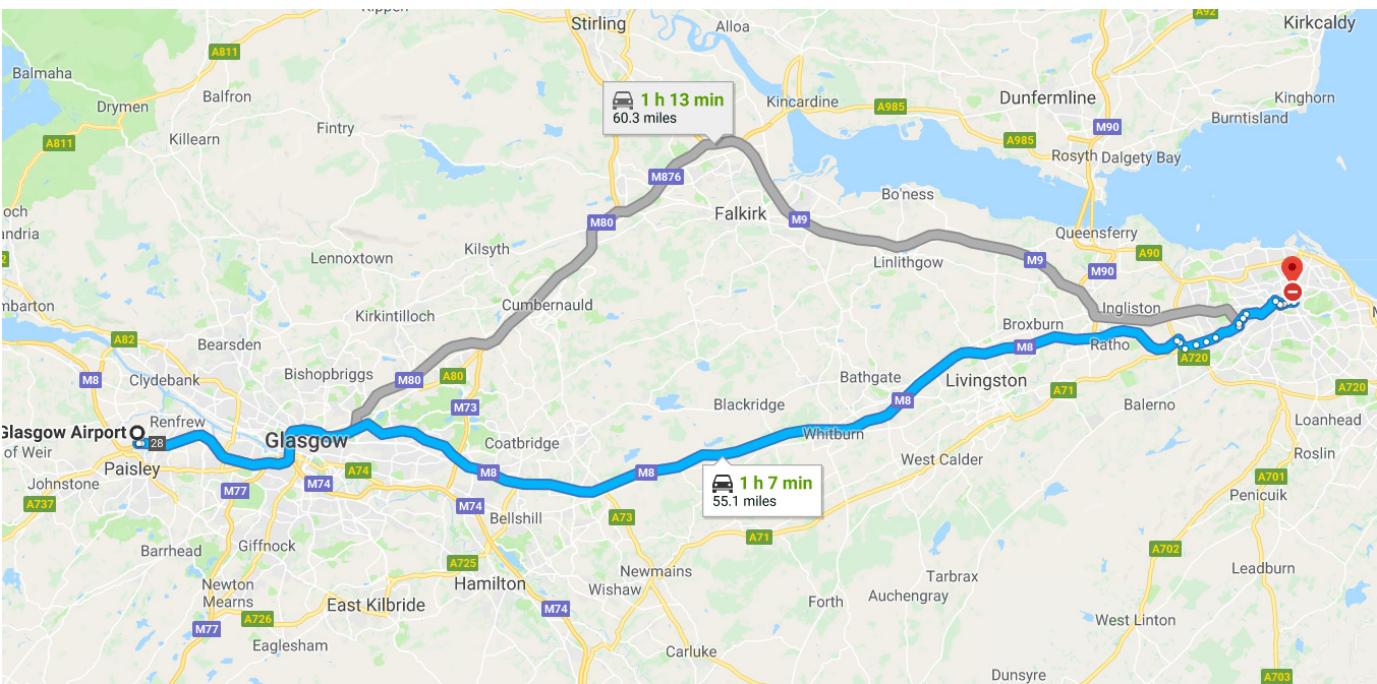
Day -1: Saturday, March 3rd, 2018 – Board flight

5:00PM: Leave Krebs Parking Lot

8:30PM: Arrive at Dulles Airport

10:30PM: Depart Washington Dulles (British Air BA0292) to London Heathrow

Day 1: Sunday, March 4th, 2018 – Arrive in Glasgow – Get to Edinburgh



10:40AM: Arrive in London Heathrow for a layover

1:05 PM: Depart London (British Air BA1484) to Glasgow

2:30 PM: Arrive in Glasgow, get rental cars, drive to Edinburgh and do some grocery shopping

Rental Place: Dollar Rent-a-Car

Car Rental Hall, Terminal Building,
St Andrews Drive, Paisley PA3 2ST, UK

5:00 PM: Grocery store

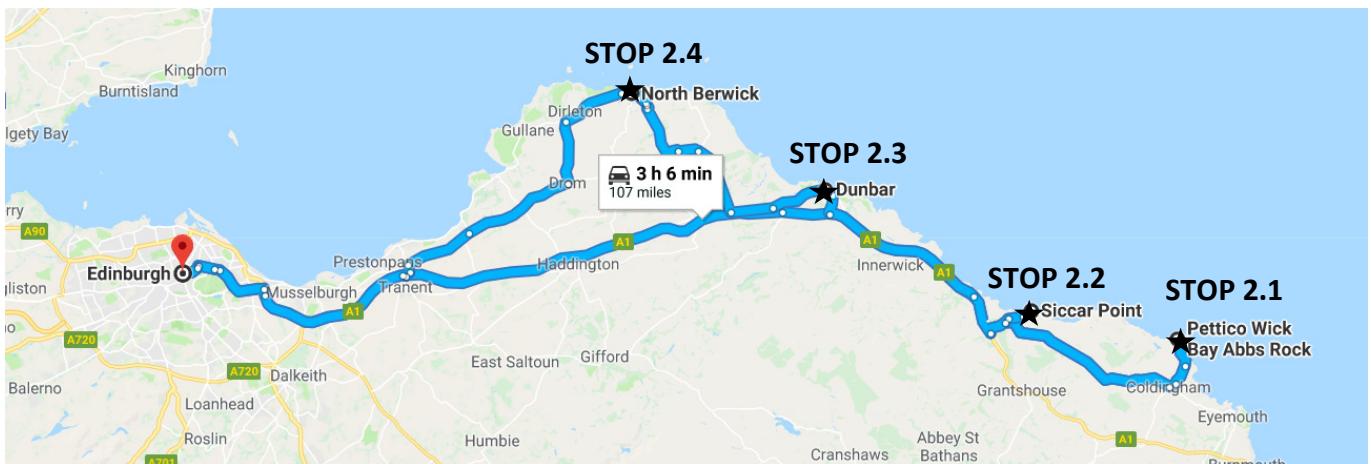
6:00 PM: Arrive in Edinburgh, take a nap, and then go out for a group dinner

Hotel: Cowgate Tourist Hostel

96 Cowgate
Edinburgh, EH1 2PW
Tel 44 808168 9610
<http://www.hostelsinedinburgh.com/>

Day 2: Monday, March 5th, 2018 – Siccar Point, the Lammermuir Hills, and the Coast

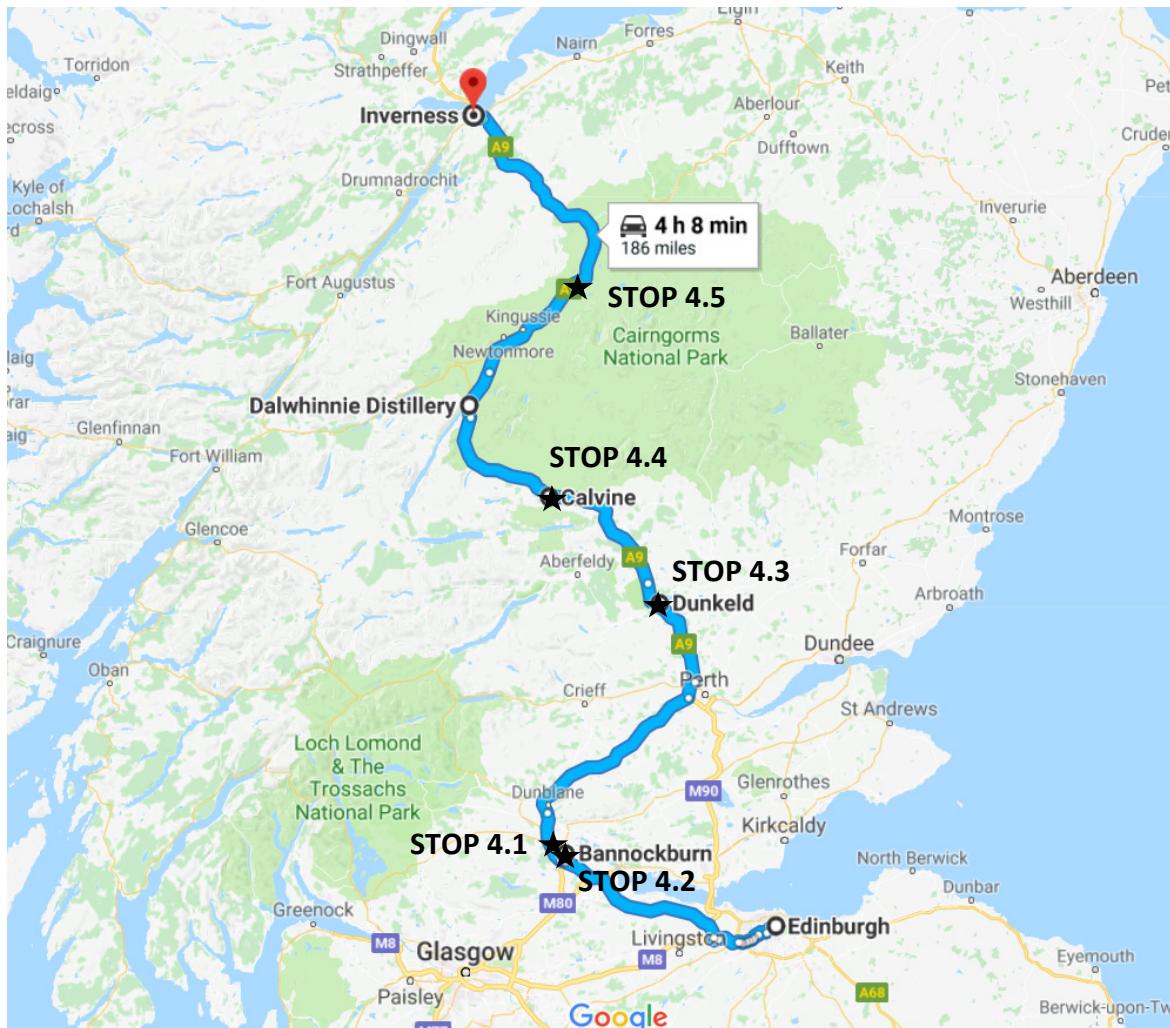
- 8:00 AM:** Breakfast in the hostel
- 8:30 AM:** Leave Hostel
- 9:30 AM:** Arrive at St Abbs Head – Folds fault adjacent to volcanics
- 10:30 AM:** Siccar Point – Hutton's Unconformity
- 12:00 PM:** Have lunch out of the back of the van
- 1:00 PM:** Dunbar – exposed volcanic necks in the sea cliffs
- 3:00 PM:** North Berwick – Carboniferous Volcanics
- 5:00 PM:** Return to the hostel
- 6:00 PM:** Group dinner we will cook at the hostel



Day 3: Tuesday, March 6th, 2018 – Edinburgh Castle, Arthur's Seat/St Andrews, and Edinburgh City

- 8:00 AM:** Breakfast in the hostel
- 8:30 AM:** Walk to Edinburgh Castle – Castle tour
- 12:00 PM:** Lunch at the hostel
- 1:00 PM:**
 - Option #1** – Hike around Arthur's Seat, a volcanic plug in Holyrood Park that Hutton studied (10 minute walk from the hostel)
 - Option #2** – Drive to St Andrews to see the birthplace of golf (3 hr round-trip drive from the hostel)
 - Option #3** – Explore Edinburgh (museums, shops, pubs...)
- 6:00 PM:** Group dinner we will cook at the hostel

Day 4: Wednesday, March 7th, 2018 – Stirling, Bannockburn, Dalradian Rocks, Distilleries, Inverness, AND Jake's 21st Birthday!



8:00 AM: Depart from Edinburgh and drive to Bannockburn/Stirling (1 hr drive)

9:00 AM: Drive around Stirling Castle – no tour this time

10:00 AM: The Battle of Bannockburn Visitor Center

12:00 PM: Lunch out of the van

12:30 PM: Leave Stirling

1:30 PM: Dunkeld and Little Glen Shee – Folded Dalradian sediments

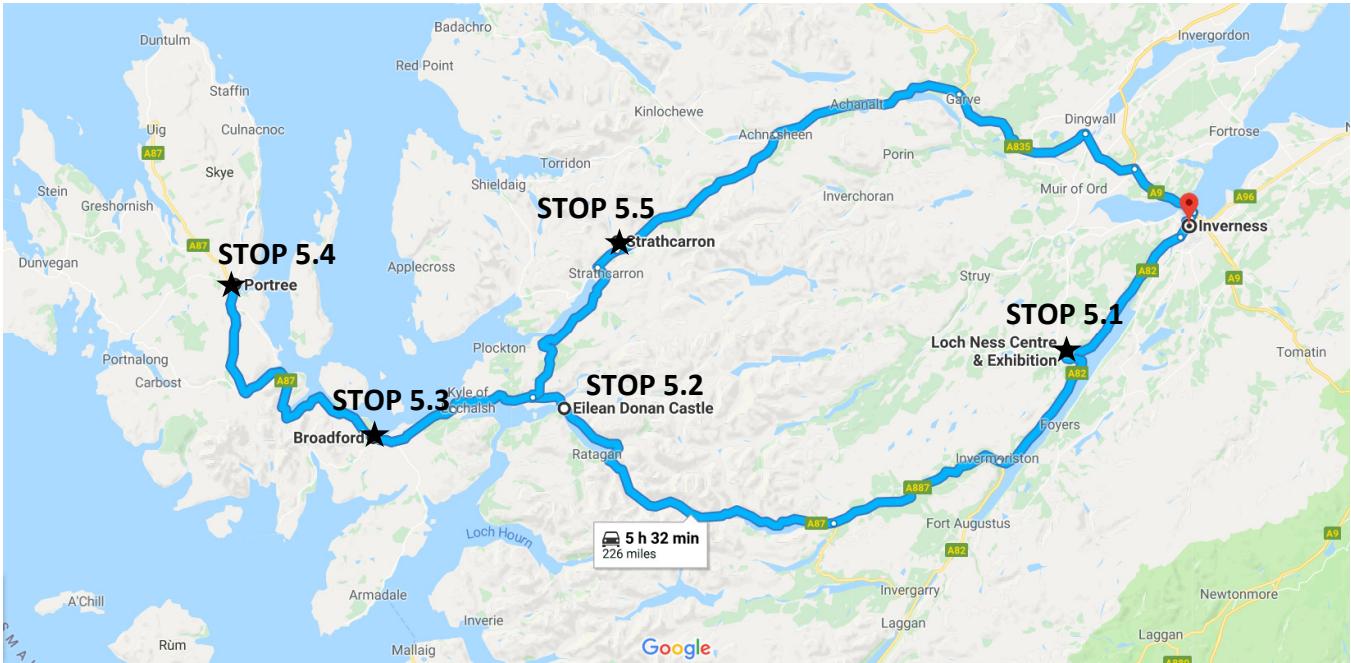
2:15 PM: Clunes A9 Road Cut – Folded Dalradian sediments

3:00 PM: Speyside Distillery (<http://speysidedistillery.co.uk/>), The Cairngorms Brewery (<http://www.cairngormbrewery.com/>), Dalwhinnie Distillery (<https://www.malts.com/en-row/distilleries/dalwhinnie/>), we each have to buy Jake a drink....

6:00 PM: Get to the hostel in Inverness

Ardconnel House
21 Ardconnel St,
Inverness, IV2 3EU
Telephone: +44 01463 240455
<http://www.ardconnel-inverness.co.uk/>

Day 5: Thursday, March 8th, 2018 – Loch Ness and Isle of Skye



7:00 AM: Breakfast is included at this Hostel!

8:00 AM: Depart from the Ardconnel House

9:00 AM: The Loch Ness Centre & Exhibition

<http://www.lochness.com/>

11:00 AM: Lunch at the museum

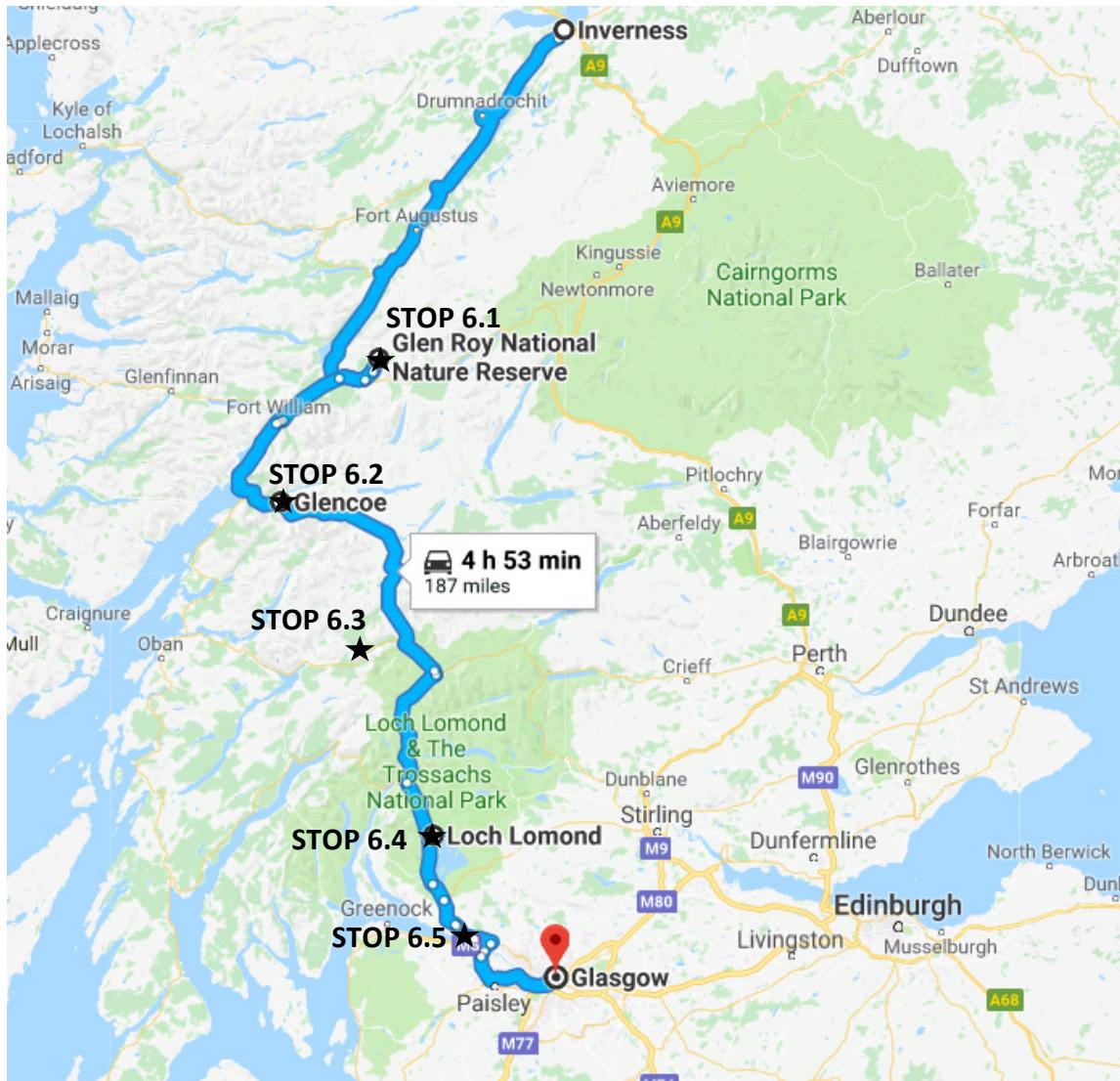
1:00 PM: Carr Brae above Loch Duich – Forsteritic Marbles with diopsidite, garnet-biotite gneisses, and possibly eclogites!!!!!!! But this might just be a view of Eilean Donan Castle....

2:00 PM: Rubha' an Eireannaich, Broadford, Isle of Skye – mafic and felsic magma mingling

3:30 PM: Portree, Isle of Skye

6:30 PM: Arrive back to the Hostel

Day 6: Friday, March 9th, 2018 – Glen Roy, Glencoe, Loch Lomond, and Glasgow



7:00 AM: Breakfast

8:00 AM: Pack up and depart from Inverness

10:00 AM: Glen Roy National Nature Reserve and the Darwin's Parallel Roads

12:00 PM: Lunch in Glen Roy

1:00 PM: Glencoe and the Ballachulish Igneous Complex

- Quarry Centre Ballachulish Visitor Centre

<http://discoverglencoe.scot/listing/the-quarry-centre/>

2:30 PM: River Orchy – Various fold structure associated with the Uldalidh Syncline

3:30 PM: Loch Lomond – Tay Nappe of the Southern Highland Complex

4:30 PM: Dumbarton Rock – Basaltic Intrusions

5:30 PM: Get to the Hostel in Glasgow

Euro Hostel Glasgow, 318 Clyde Street, Glasgow, G1 4NR

Telephone: +44 141 222 2828

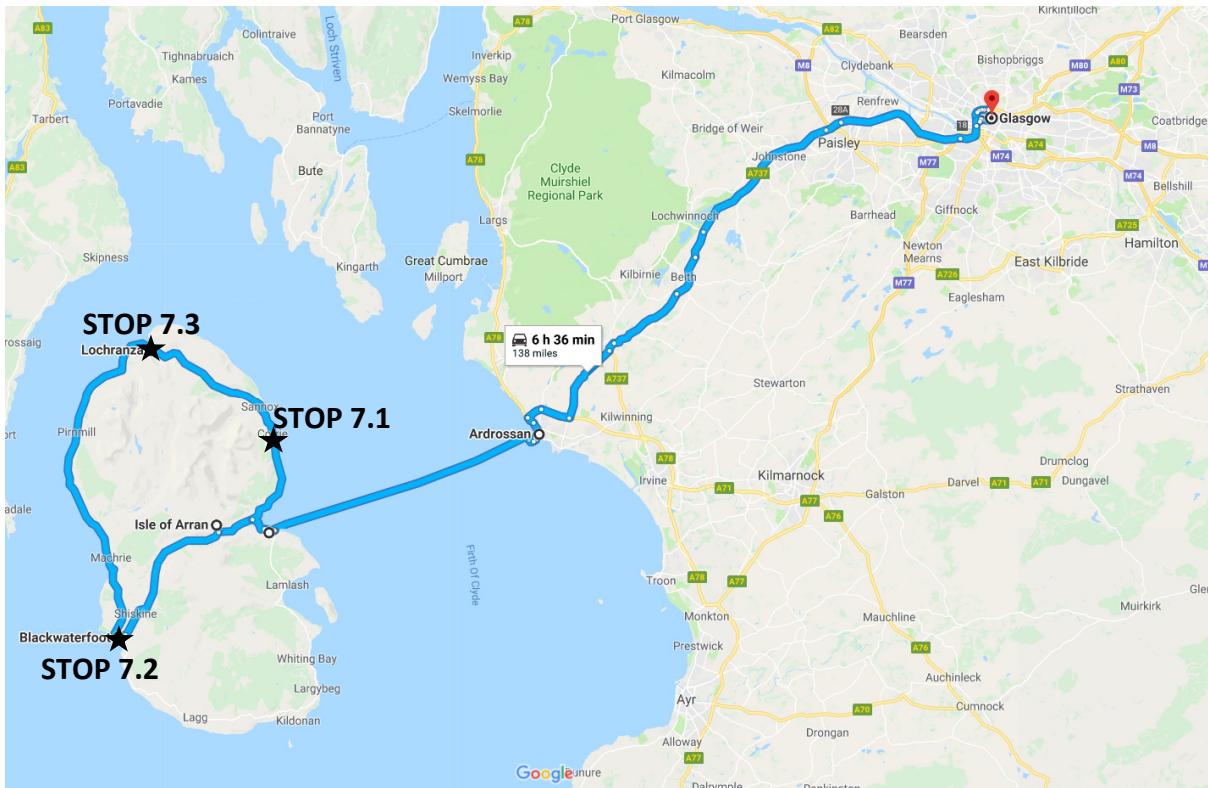
<http://www.eurohostels.co.uk/glasgow/>

Day 7: Saturday, March 10th, 2018 – Isle of Arran or Hang out in Glasgow

Here we have some options –

1. Isle of Arran – Hutton's unconformity and igneous rock features.
2. Back up to Loch Lomond and The Trossachs
3. Hang out in Glasgow – museums, shops, pubs...

I am writing it up for the Isle of Arran but we will see how we feel.



8:00 AM: Leave the hostel

9:00 AM: Board the Ferry (Ferry leaves at 9:45 AM)

10:30 AM: Corrie Shore – tilted strata and fossils

12:00 PM: Lunch in Brodick

2:00 PM: Dumadoon – igneous intrusions

3:00 PM: Lochranza – Hutton's Unconformity

4:30 PM: Board the Ferry (Ferry leaves at 4:40 PM)

Day 8: Sunday, March 11th, 2018 – Fly back to DC

6:00 AM: Leave hostel to return the cars and for the airport

8:55 AM: Depart from Glasgow (British Air BA1447) to London Heathrow

10:25 AM: Arrive in London

11:25 AM: Depart for Washington Dulles (British Air BA0217)

3:50 PM: Arrive in Washington, DC-Dulles (IAD)