



Memorandum

To: National Park Service
Northeast Region
Boston, Mass.

Date: November 1, 2014

Project No.: 33281.07

From: Vanasse Hangen Brustlin, Inc.

Re: Acadia National Park
Transportation Data Collection
Cadillac Mountain Summit: September 25-26, 2014

This memorandum presents data collected on Thursday September 25, 2014 and Friday September 26, 2014 at the Cadillac Mountain summit. From 8:00 am to 4:00 pm, VHB staff recorded arrival and departure times of buses using the designated bus parking spaces. In addition, hourly occupancy counts were made of the automobile parking spaces. The weather was sunny with temperatures in the mid-60s on Thursday and mid-70s on Friday. The views from the summit were clear on both days.

Automobile Parking Occupancy at the Summit

The parking lot at the summit has 119 parking spaces, including 5 handicap parking spaces. Parking lot observations were conducted every hour and at no time during the two days did the lot reach capacity.

- During the busiest hour on Thursday (noon), 85 vehicles, including four vehicles parked in handicap spaces and one recreational vehicle, were observed.
- On Friday, 104 vehicles, including two parked in handicap spaces, were observed during the busiest hour (11:00 am).

Cruise Ships in Port

On Thursday September 25, two cruise ships were in port – Royal Caribbean’s *Legend of the Seas* (2,076 passengers) and Norwegian Cruise Lines’ *Norwegian Dawn* (2,224 passengers). The 4,300 passengers was the 14th highest daily total of the 2014 cruise ship season.

Three cruise ships were in port on Friday September 26 – Royal Caribbean’s *Brilliance of the Seas* (2,100 passengers), Aida Cruises’ *Aida Bella* (2,050 passengers) and Holland America’s *Maasdam* (1,258 passengers). The 5,408 passengers was the 5th highest daily total of the 2014 cruise ship season.

Tour Activity

Tour activity at the summit of Cadillac Mountain included excursion buses from the cruise ships, commercial motor coach tours visiting the park, park concession tours, local group tours, and limousine tours.

- On Thursday, 22 cruise ship excursion buses arrived at the summit and parked in the designated bus parking spaces, along with three commercial motor coach tours, 18 trips by the concessions buses, two trips by Coastal Kayaking Tour, and one limousine tour.
- On Friday, 28 cruise ship excursion buses arrived at the summit of Cadillac Mountain. There were also 16 trips by concession buses, one commercial motor coach tour, and three trips by Coastal Kayaking Tour.

Cruise Ship Excursion Buses

Cruise ship bus excursions into Acadia National Park all stop at the Cadillac Mountain summit. There are morning, midday, and afternoon excursions available. On Thursday, 15 different motor coaches were used to make 22 excursion trips to the summit. Seventeen motor coaches were used to make 28 excursion trips to the summit on Friday.

The majority of the stops at Cadillac Mountain Summit ranged between 20 to 30 minutes. All of the excursion buses parked along the designated bus parking spaces. At the highest, five cruise ship excursion buses were on the summit at the same time. An employee of Inter cruises was present at the summit to monitor bus parking. The bus parking rarely interfered with cars leaving the summit. When one of the buses departed, the excursion tour and commercial motor coach tour drivers would pull forward to make parking easier for the next bus to arrive. Only when some other vehicle, such as the Coastal Kayak Tour bus or the limousine, was parked in the bus spaces and the driver was with his tour group did arriving buses have to back into the parking spaces.



Cruise ship excursion buses at Cadillac Mountain summit

Commercial Motor Coach Tours

Three commercial motor coach tours arrived at the summit on Thursday; all between 2:00 pm and 3:30 pm. Only one commercial motor coach was recorded on Friday. All of the commercial motor coach tours stayed for approximately 20 minutes, and all parked in designated bus parking spaces.

Concession Tour Operators

The two concession tour operators, Acadia National Park Tours and Oli's Trolley, made a total of 20 and 18 trips up to the summit on Thursday and Friday, respectively. Acadia National Park Tours accounted for six of the trips on Thursday and seven on Friday. Oli's Trolley made 14 trips on Thursday and 11 trips on Friday. Oli's Trolley and the Acadia National Park buses typically stay for 20 to 30 minutes.

The concession buses are assigned the first two bus parking spaces. On a couple of occasions, two Acadia National Park Tour buses were parked on the summit at the same time. Similarly, more than one Oli's Trolley

were observed at the summit at the same time, however, since there was only one parking spot for Oli's Trolley, the second trolley would unload the passengers and drive off-site. They then return to pick up the passengers later.



Concession tour bus parking on Cadillac Mountain summit

Local Tours and Limousine Tours

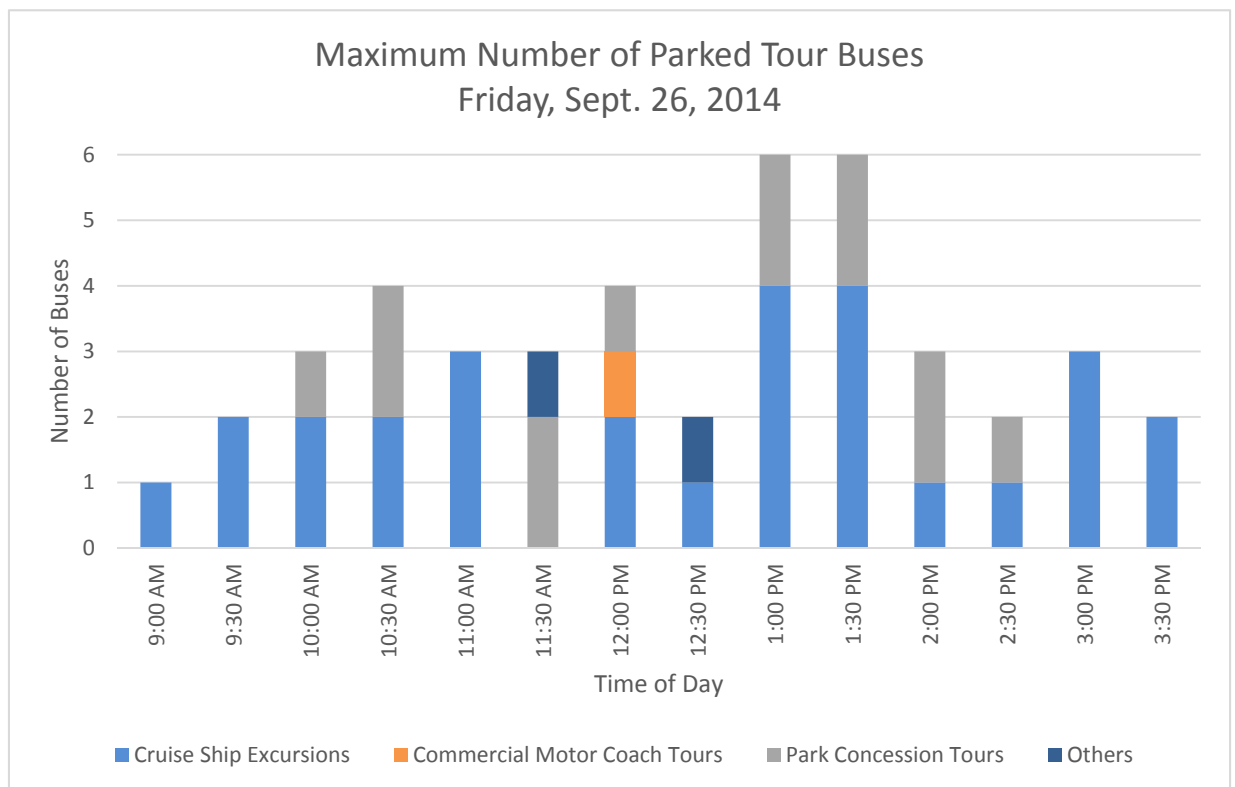
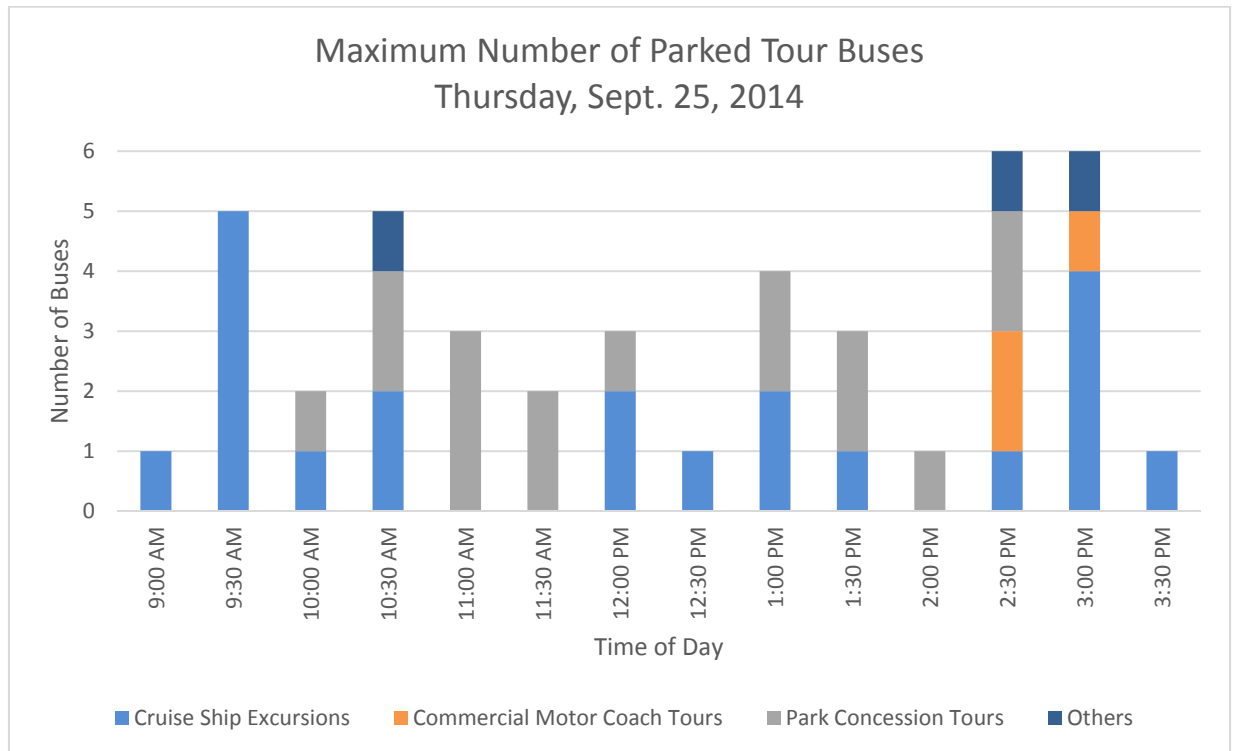
A small school bus operated by Coastal Kayaking Tours was observed at the summit of Cadillac Mountain once on Thursday and three times on Friday. It was parked for as short as 11 minutes and as long as 25 minutes.

A tour limousine was observed at the summit twice on Thursday. The limousine stayed for around 30 minutes each time.

Summary of Bus Parking Activity

There are six bus parking spaces on the summit. Two are typically signed for use by the concession tour buses. The other four are used by all other buses. On occasion, the concession tour bus parking overflows into the other bus parking spaces, and vice versa.

The figures on the following page show the maximum bus parking occupancy during each 30-minute period of the two days. The bus parking was full much of the time between 2:30 pm and 3:30 pm on Thursday, and 1:00 pm and 2:00 pm on Friday.



Pedestrians

The sidewalk along the bus parking is approximately 5 feet wide and one section is less than 3 feet wide due to placement of the bus signs. The width of the sidewalk in general can only fit two people when walking side by side. On occasions where passengers were getting on one bus, and passengers from another bus were alighting, the sidewalk was extremely crowded and the visitors had difficulty passing one another. Many were observed to walk on the roadway instead.



ATTACHMENTS

CADILLAC MOUNTAIN BUS ACTIVITY
THURSDAY, 9/25/2014

Coach Line	Arrival	Departure	Duration of Stay	Bus Type
Northeast	9:11	9:35	0:24	CSE
Custom Coach	9:35	10:17	0:42	CSE
Northeast	9:36	9:41	0:05	CSE
Northeast	9:51	10:18	0:27	CSE
CYR	9:56	10:23	0:27	CSE
Northeast	9:56	10:23	0:27	CSE
CYR	9:56	10:27	0:31	CSE
Stage Coach	10:25	10:48	0:23	CSE
Oli's Trolley	10:26	10:43	0:17	PCT
Acadia National Park Tour	10:30	10:55	0:25	PCT
Acadia National Park Tour	10:34	11:10	0:36	PCT
Oli's Trolley	10:45	11:02	0:17	PCT
Northeast	10:49	10:54	0:05	CSE
Northeast	10:56	11:26	0:30	CSE
Limo	10:57	11:31	0:34	Others
Acadia National Park Tour	11:07	11:32	0:25	PCT
Oli's Trolley	11:07	11:29	0:22	PCT
Oli's Trolley	11:26	11:29	0:03	PCT
Oli's Trolley	11:37	11:47	0:10	PCT
Acadia National Park Tour	11:50	12:16	0:26	PCT
Oli's Trolley	11:57	12:15	0:18	PCT
CYR	12:06	12:39	0:33	CSE
Oli's Trolley	12:16	12:49	0:33	PCT
CYR	12:21	12:45	0:24	CSE
CYR	12:55	13:26	0:31	CSE
Oli's Trolley	13:10	13:28	0:18	PCT
Northeast	13:12	13:40	0:28	CSE
CYR	13:25	13:55	0:30	CSE
Acadia National Park Tour	13:28	13:47	0:19	PCT
Oli's Trolley	13:34	13:51	0:17	PCT
Oli's Trolley	13:51	14:11	0:20	PCT
CYR	13:55	14:28	0:33	CSE
Oli's Trolley	13:55	13:58	0:03	PCT
Oli's Trolley	14:10	14:22	0:12	PCT
Oli's Trolley	14:26	14:44	0:18	PCT
Acadia National Park Tour	14:33	15:05	0:32	PCT
Nancy and Udean	14:41	15:03	0:22	CMCT
Oli's Trolley	14:46	15:05	0:19	PCT
Klein	14:49	15:07	0:18	CMCT
Coastal Kayak	14:53	15:07	0:14	Others
CYR	14:56	15:15	0:19	CSE
Northeast	15:00	15:38	0:38	CSE
CYR	15:07	15:34	0:27	CSE
Limo	15:14	15:44	0:30	Others
CYR	15:16	15:41	0:25	CSE
Senior Tours	15:29	15:54	0:25	CMCT
Northeast	15:29	15:53	0:24	CSE
Northeast	15:40	16:05	0:25	CSE

CSE = Cruise Ship Excursions
CMCT = Commercial Motor Coach Tours
Others = Limousine Tours / Local Tours
PCT = Park Concession Tours

CADILLAC MOUNTAIN BUS ACTIVITY
FRIDAY, 9/26/2014

Coach Line	Arrival	Departure	Duration of Stay	Bus Type
CYR	9:19	9:44	0:25	CSE
Northeast	9:59	10:29	0:30	CSE
CYR	9:32	10:02	0:30	CSE
CYR	10:16	10:41	0:25	CSE
Acadia National Park Tour	10:17	10:39	0:22	PCT
Acadia National Park Tour	10:21	10:26	0:05	PCT
CYR	10:27	10:55	0:28	CSE
Oli's Trolley	10:33	10:50	0:17	PCT
Acadia National Park Tour	10:45	10:49	0:04	PCT
Oli's Trolley	10:45	10:49	0:04	PCT
Northeast	10:48	11:19	0:31	CSE
Oli's Trolley	10:54	11:05	0:11	PCT
Acadia National Park Tour	10:58	11:16	0:18	PCT
CYR	10:58	11:21	0:23	CSE
CYR	11:00	11:22	0:22	CSE
Northeast	11:03	11:26	0:23	CSE
Northeast	11:19	11:44	0:25	CSE
Oli's Trolley	11:35	11:54	0:19	PCT
Acadia National Park Tour	11:45	12:06	0:21	PCT
Coastal Kayak	11:51	12:02	0:11	Others
CYR	12:03	12:33	0:30	CSE
Oli's Trolley	12:04	12:26	0:22	PCT
Northeast	12:13	12:40	0:27	CSE
German	12:26	12:44	0:18	CMCT
Coastal Kayak	12:44	13:04	0:20	Others
CYR	12:50	13:18	0:28	CSE
Bayles	13:09	13:46	0:37	CSE
Northeast	13:09	13:33	0:24	CSE
CYR	13:12	13:33	0:21	CSE
Oli's Trolley	13:12	13:36	0:24	PCT
Northeast	13:23	13:48	0:25	CSE
Coastal Kayak	13:26	13:51	0:25	Others
Acadia National Park Tour	13:27	13:46	0:19	PCT
CYR	13:28	13:31	0:03	CSE
Oli's Trolley	13:36	13:51	0:15	PCT
Northeast	13:33	14:02	0:29	CSE
CYR	13:38	14:04	0:26	CSE
CYR	13:47	13:51	0:04	CSE
Oli's Trolley	13:51	14:15	0:24	PCT
CYR	13:54	14:21	0:27	CSE
Acadia National Park Tour	14:21	14:50	0:29	PCT
Northeast	14:23	14:44	0:21	CSE
Oli's Trolley	14:28	14:44	0:16	PCT
Oli's Trolley	14:38	14:41	0:03	PCT
CYR	14:47	15:15	0:28	CSE
Oli's Trolley	14:49	15:00	0:11	PCT
Northeast	15:14	15:40	0:26	CSE
Bayles	15:20	15:43	0:23	CSE
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