Program for 18th International ST Workshop - November 3-6, 2015

Princeton University - McDonnell Hall, Room A01

Tuesday, November 3

8AM - 8:30AM - Registration

8:30 - 8:50AM - S. Prager - Welcome
J. Menard - Agenda, logistics, local info

8:50AM - Session O1 - Chair: Rajesh Maingi

Extended Oral	**S. Gerhardt**	Abstract	*Presentation*
Oral	**P. Micozzi**	Abstract	*Presentation*
Oral	**S. Cohen**	Abstract	*Presentation*
Oral	**M. Gryaznevich**	Abstract	*Presentation*

10:25 - 10:45AM - Coffee Break

Extended Oral	**A. Kirk**	Abstract	*Presentation*
Oral	**E. Fredrickson**	Abstract	*Presentation*
Oral	**Z. Gao**	Abstract	*Presentation*

12 - 1:30PM - LUNCH at Frist Campus Center

1:30PM - Session O2 - Chair: Andrew Kirk

Extended Oral	**J. Menard**	Abstract	*Presentation*
Oral	**F. Alladio**	Abstract	*Presentation*
Oral	**D. Battaglia**	Abstract	*Presentation*
Oral	**M. Bongard**	Abstract	*Presentation*
Oral	**R. Maingi**	Abstract	*Presentation*

3:25 - 3:45PM - Coffee Break

3:45 - 5:45PM - Poster Session 1 (P1)

Abstract	*Poster*	*Abstract*	*Poster*
P1-1	**J. Yang**	P1-11	W. Guttenfelder
P1-2	**H. Furui**	P1-12	**E. Evans**
P1-3	**C. Swanson**	P1-13	**M. Podesta**
P1-4	**G. Hao**	P1-14	**D. Liu**
P1-5	**J. Berkery**	P1-15	**F. Wang**
P1-6	**G. Canal**	P1-16	**S. Medley**
P1-7	**I. Waters**	P1-17	**T. Bigelow**
P1-8	**P. Jandovitz**	P1-18	**J. Jo**
P1-9	**W. Wang**	P1-19	**Y. Nozawa**
P1-10	**J. Ruiz-Ruiz**	P1-20	**N. Tsujii**

Catered wine reception at Princeton Art Museum

6-8PM

Wednesday, November 4

8AM - 8:30AM - Registration

8:30 - 8:40AM - J. Menard: Updates, logistics

8:40AM - Session O3 - Chair: Richard Majeski

Extended Oral	**K. Hanada**	Abstract	*Presentation*
Oral	**H. Tanabe**	Abstract	*Presentation*
Oral	**H. Tanaka**	Abstract	*Presentation*
Oral	**F. Poli**	Abstract	*Presentation*

10:15 - 10:45AM - Coffee Break

Extended Oral	**Y. Ono**	Abstract	*Presentation*
Oral	**S. Jardin**	Abstract	*Presentation*
Oral	**S. Sabbagh**	Abstract	*Presentation*

12PM - Group photo in McDonnell Hall courtyard

12:15 - 1:45PM - LUNCH at Frist Campus Center or Nassau Street

1:45PM - Session O4 - Chair: Steven Sabbagh

Extended Oral	**R. Majeski**	Abstract	*Presentation*
Oral	**Y. Ren**	Abstract	*Presentation*
Oral	**A. Thornton**	Abstract	*Presentation*
Oral	**J.-W. Ahn**	Abstract	*Presentation*
Oral	**H. Frerichs**	Abstract	*Presentation*

3:40 - 4:00PM - Coffee Break

4:00 - 6:00PM - Poster Session 2 (P2)

Abstract	*Poster*	*Abstract*	*Poster*
P2-1	**S. Banerjee**	P2-11	**C. Ribeiro**
P2-2	**K. Gan**	P2-12	**P. Titus**
P2-3	**R. Lunsford**	P2-13	**L. El-Guebaly**
P2-4	**H. Lee**	P2-14	**B. Colling**
P2-5	**J. Park**	P2-15	**Y. Jung**
P2-6	**K. Yamasaki**	P2-16	**H. Togashi**
P2-7	**M. Boyer**	P2-17	**M. Lee**
P2-8	**Z. Ilhan**	P2-18	**S.-K. Kim**
P2-9	**R. Yoneda**	P2-19	**J. Matteucci**
P2-10	**S. McNamara**	P2-20	**Z. Wang**

Thursday, November 5

8AM - 8:30AM - Registration

8:30 - 8:45AM - J. Menard: Updates, logistics

8:45AM - Session O5 - Chair: Roger Raman

Extended Oral	**Y. Takase**	Abstract	*Presentation*
Oral	**M. Nagata**	Abstract	*Presentation*
Oral	**F. Ebrahimi**	Abstract	*Presentation*

10 - 10:25AM - Coffee Break

Extended Oral	**Y. Tan**	Abstract	*Presentation*
Oral	**R. Minami**	Abstract	*Presentation*
Oral	**R. Perkins**	Abstract	*Presentation*
Oral	**N. Bertelli**	Abstract	*Presentation*

Gather all belongings, board bus by 12:10PM
12:15PM - Bus leaves for PPPL

12:30 – 1:50 PM - LUNCH in PPPL Cafeteria

1:30PM - PPPL cafeteria food service ends

2:00 PM	**Tour group meets in LSB lobby to begin tour**			
Group:	**Group 1**	**Group 2**	**Group 3**	**Group 4**
Guide:	**J. Menard**	**S. Kaye**	**R. Maingi**	**R. Kaita**
2:10 PM	NSTX-U Control Rm	QUASAR	Hall Thruster	LTX
2:30 PM	NSTX-U Test Cell	Hall Thruster	QUASAR	PFRC-2
2:50 PM	QUASAR	NSTX-U Control Rm	PFRC-2	MRX
3:10 PM	Hall Thruster	NSTX-U Test Cell	LTX	QUASAR
3:30 PM	MRX	LTX	NSTX-U Control Rm	Hall Thruster
3:50 PM	PFRC-2	MRX	NSTX-U Test Cell	NSTX-U Control Rm
4:10 PM	LTX	PFRC-2	MRX	NSTX-U Test Cell
4:30 PM	**Tour ends in PPPL Lobby near Plasma Hutch**			
5:00 PM	**Bus leaves PPPL for Prospect House / Nassau Inn**			

Banquet at Prospect House

6PM - 8PM

Friday, November 6

8:30 - 8:40AM - J. Menard: Final updates, logistics

8:40AM - Session O6 - Chair: Yuichi Takase

Extended Oral	**Y. Hwang**	Abstract	*Presentation*
Oral	**J. Lee**	Abstract	*Presentation*
Oral	**M. Inomoto**	Abstract	*Presentation*
Oral	**R. Raman**	Abstract	*Presentation*

10:15 - 10:45AM - Coffee Break

Extended Oral	**D. Sutherland**	Abstract	*Presentation*
Oral	**J. Reusch**	Abstract	*Presentation*
Oral	**J. Menard**	Abstract	*Presentation*

12 - 12:30PM - Discussion and Closing Remarks

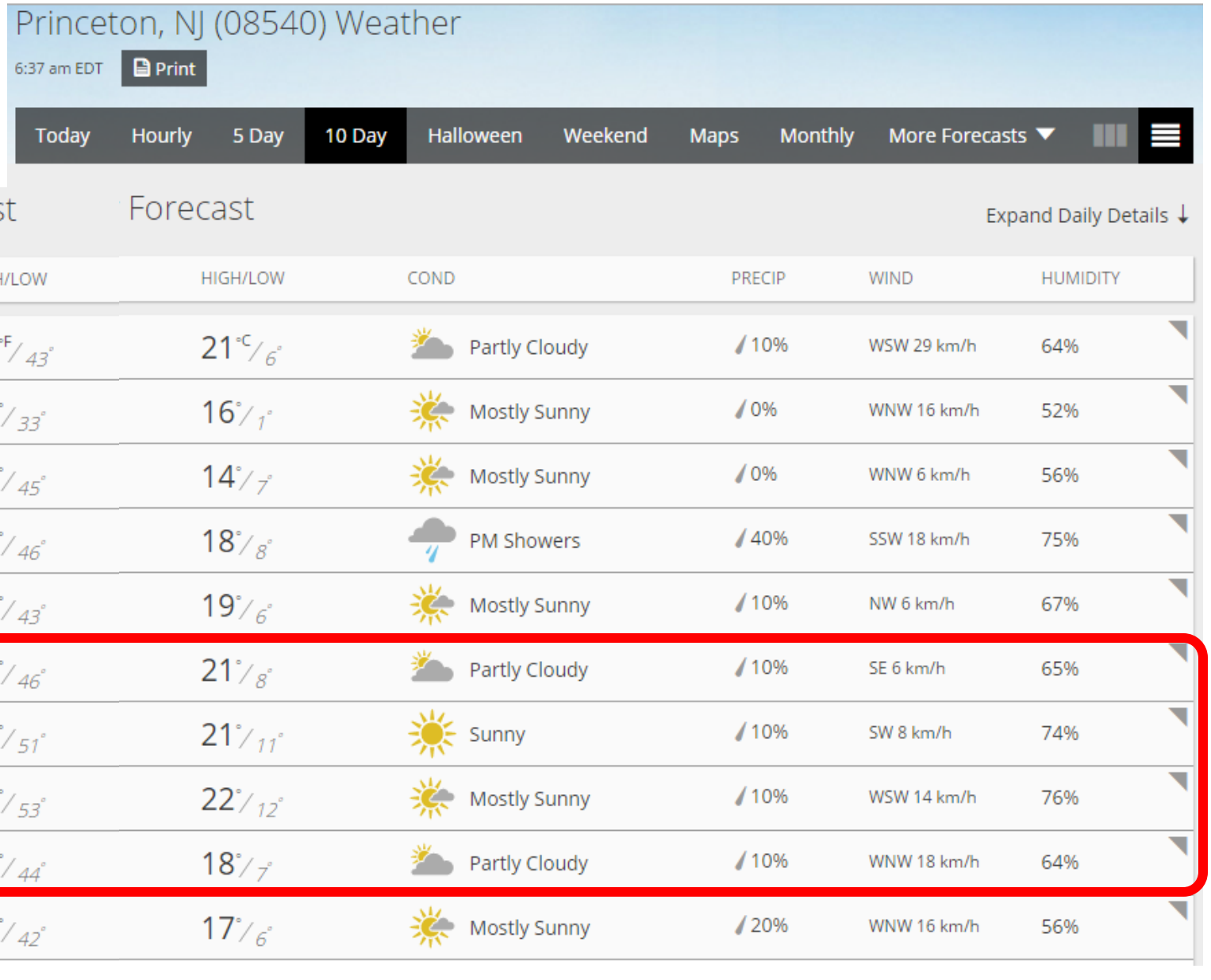
12:30PM - Official End of Workshop

1:30-3:00PM - US-Japan Collaboration Discussion

Takase, Menard, all others who are interested

Extended Oral **30 + 5 min**
Oral **15 + 5 min**
Poster **Width = 96 inches = 240 cm, Height = 48 inches = 120 cm, 2 hours duration**

Weather forecast for ISTW-2015



Princeton, NJ (08540) Weather

6:37 am EDT Print

Today | Hourly | 5 Day | 10 Day | Halloween | Weekend | Maps | Monthly | More Forecasts

10-Day Forecast Forecast

Expand Daily Details

DAY	HIGH/LOW	HIGH/LOW	COND	PRECIP	WIND	HUMIDITY
TODAY Oct 29	70°F / 43°	21°C / 6°	Partly Cloudy	10%	WSW 29 km/h	64%
FRI Oct 30	60° / 33°	16° / 1°	Mostly Sunny	0%	WNW 16 km/h	52%
SAT Oct 31	58° / 45°	14° / 7°	Mostly Sunny	0%	WNW 6 km/h	56%
SUN Nov 1	64° / 46°	18° / 8°	PM Showers	40%	SSW 18 km/h	75%
MON Nov 2	66° / 43°	19° / 6°	Mostly Sunny	10%	NW 6 km/h	67%
TUE Nov 3	69° / 46°	21° / 8°	Partly Cloudy	10%	SE 6 km/h	65%
WED Nov 4	70° / 51°	21° / 11°	Sunny	10%	SW 8 km/h	74%
THU Nov 5	72° / 53°	22° / 12°	Mostly Sunny	10%	WSW 14 km/h	76%
FRI Nov 6	65° / 44°	18° / 7°	Partly Cloudy	10%	WNW 18 km/h	64%
SAT Nov 7	62° / 42°	17° / 6°	Mostly Sunny	20%	WNW 16 km/h	56%

Map for walking from Nassau Inn to McDonnell Hall

Walking directions

via Nassau St and Washington Rd — 14 min

Show terrain — 0.7 mile

Use caution - may involve errors or sections not suited for walking

Nassau Inn
10 Palmer Square, Princeton, NJ 08542

- Head south on Palmer Square E
  266 ft
- Turn left onto Palmer Square
  217 ft
- Turn left onto Nassau St
  0.2 mi
- Turn right onto Washington Rd
  0.4 mi
- Turn left at Goheen Walk
  Destination will be on the right
  177 ft

McDonnell Hall
Princeton, NJ 08540

Street/sidewalk view outside McDonnell Hall

Fine Hall

Entrance to McDonnell Hall, Room A01
(follow stairs down to the right)

North ⟵ **Washington Road** ⟶ South

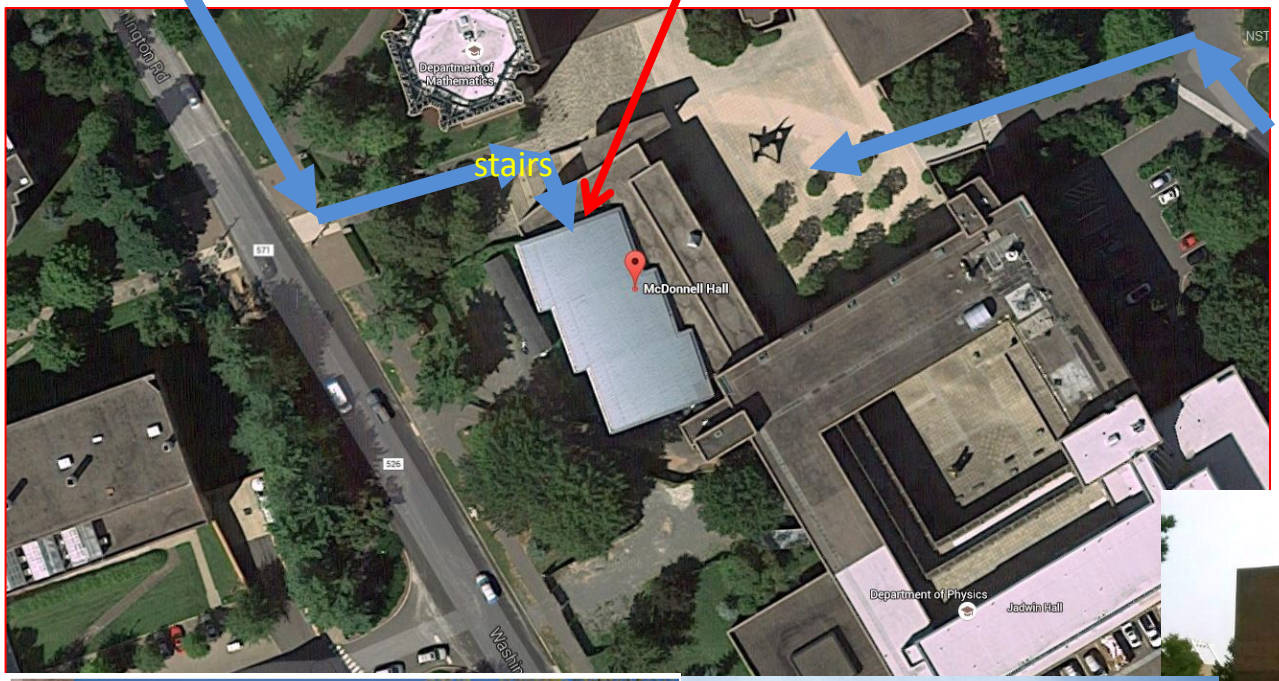
Jadwin bus stop

More detail for accessing McDonnell Hall A01

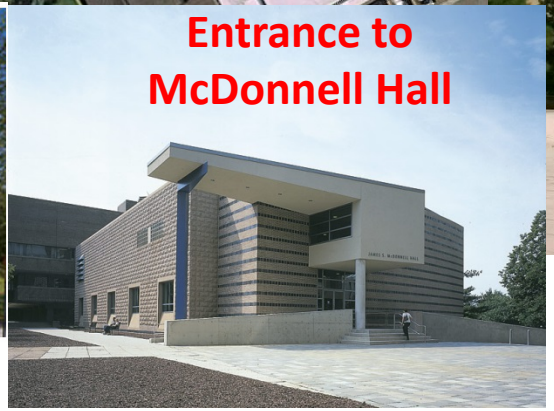
Walking path from Nassau Inn

Entrance to McDonnell Hall

Walking path from Lot 21



McDonnell A01 Lecture Hall



Map for walking from McDonnell Hall to Frist Campus Center for Lunch

Walking directions

via Washington Rd — 6 min
Show terrain — 0.2 mile

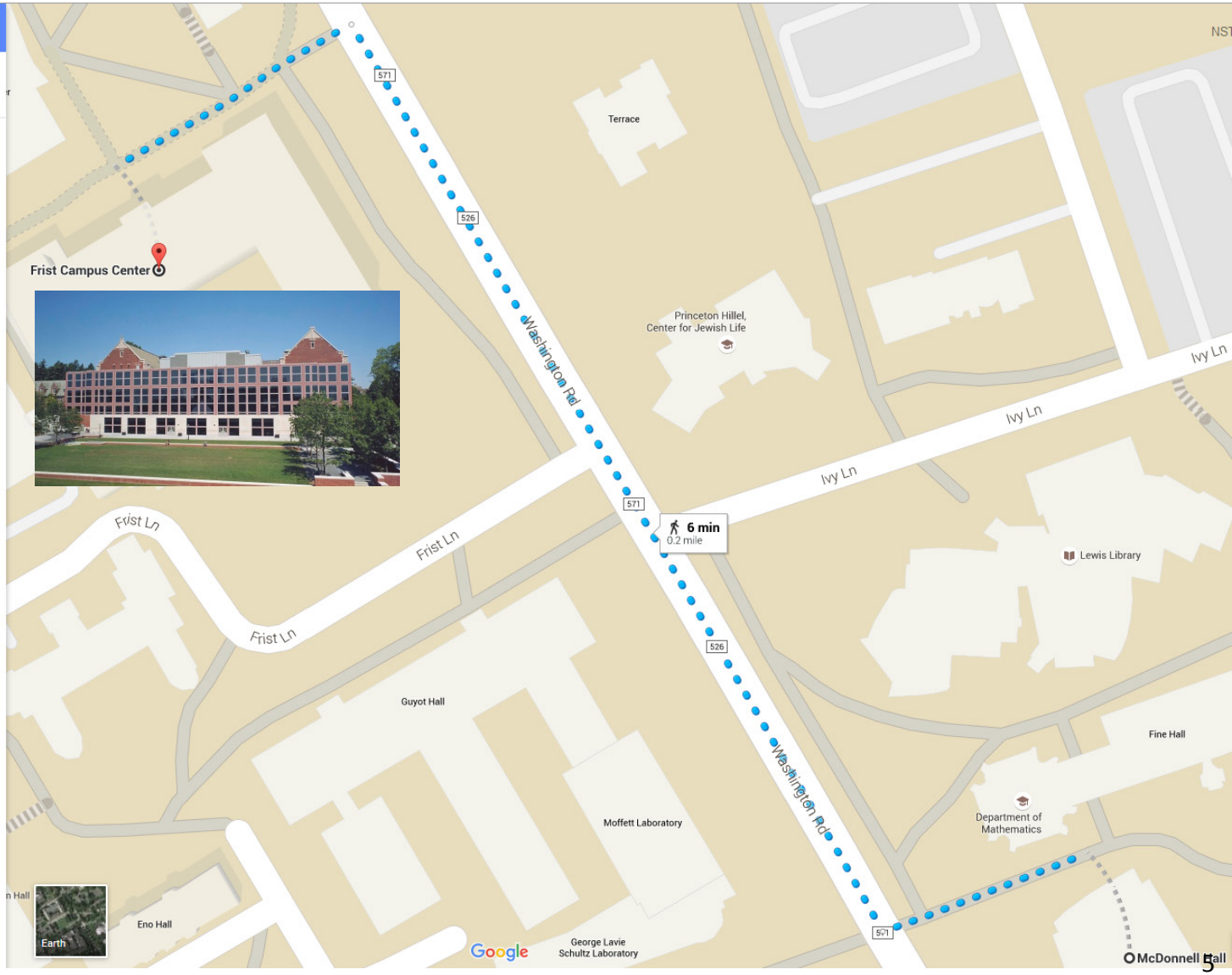
Use caution - may involve errors or sections not suited for walking

McDonnell Hall
Princeton, NJ 08540

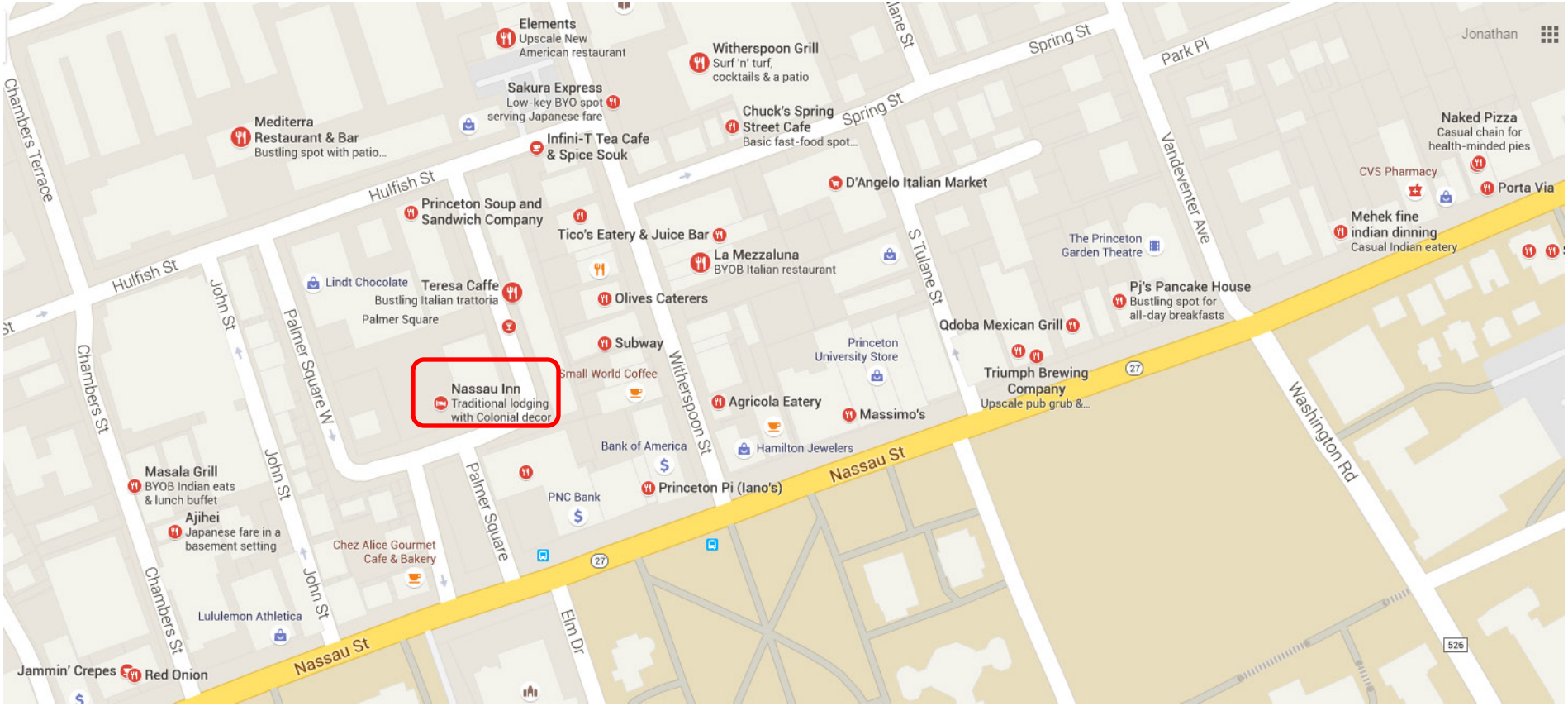
- Head west toward Washington Rd — 177 ft
- Turn right onto Washington Rd — 0.2 mi
- Turn left — 220 ft

Frist Campus Center
Princeton, NJ 08544

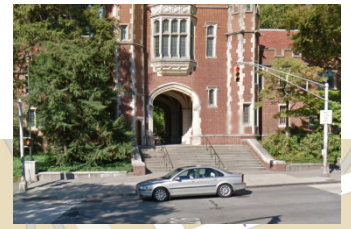
These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

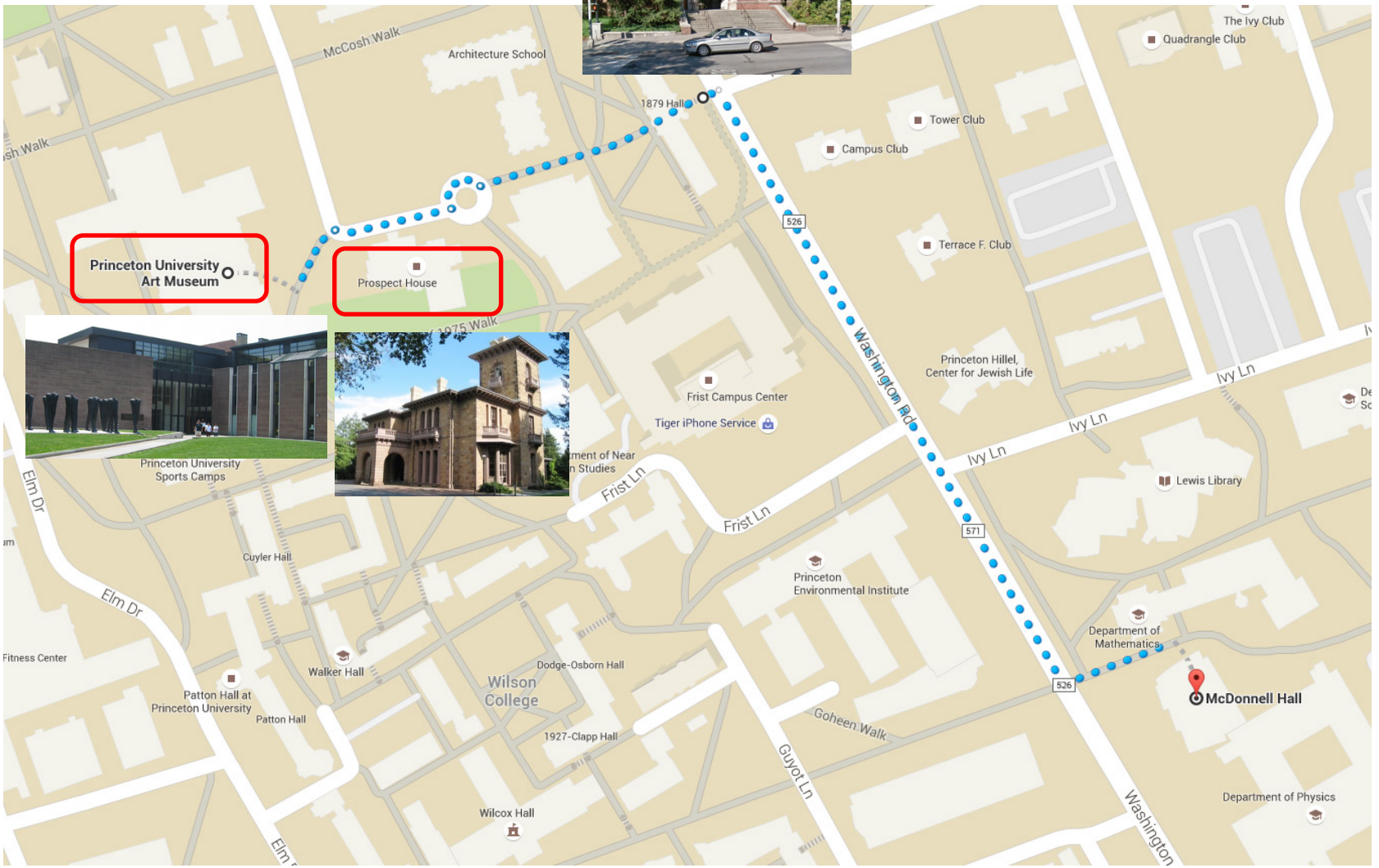


Restaurants on Nassau Street near Palmer Square / Nassau Inn

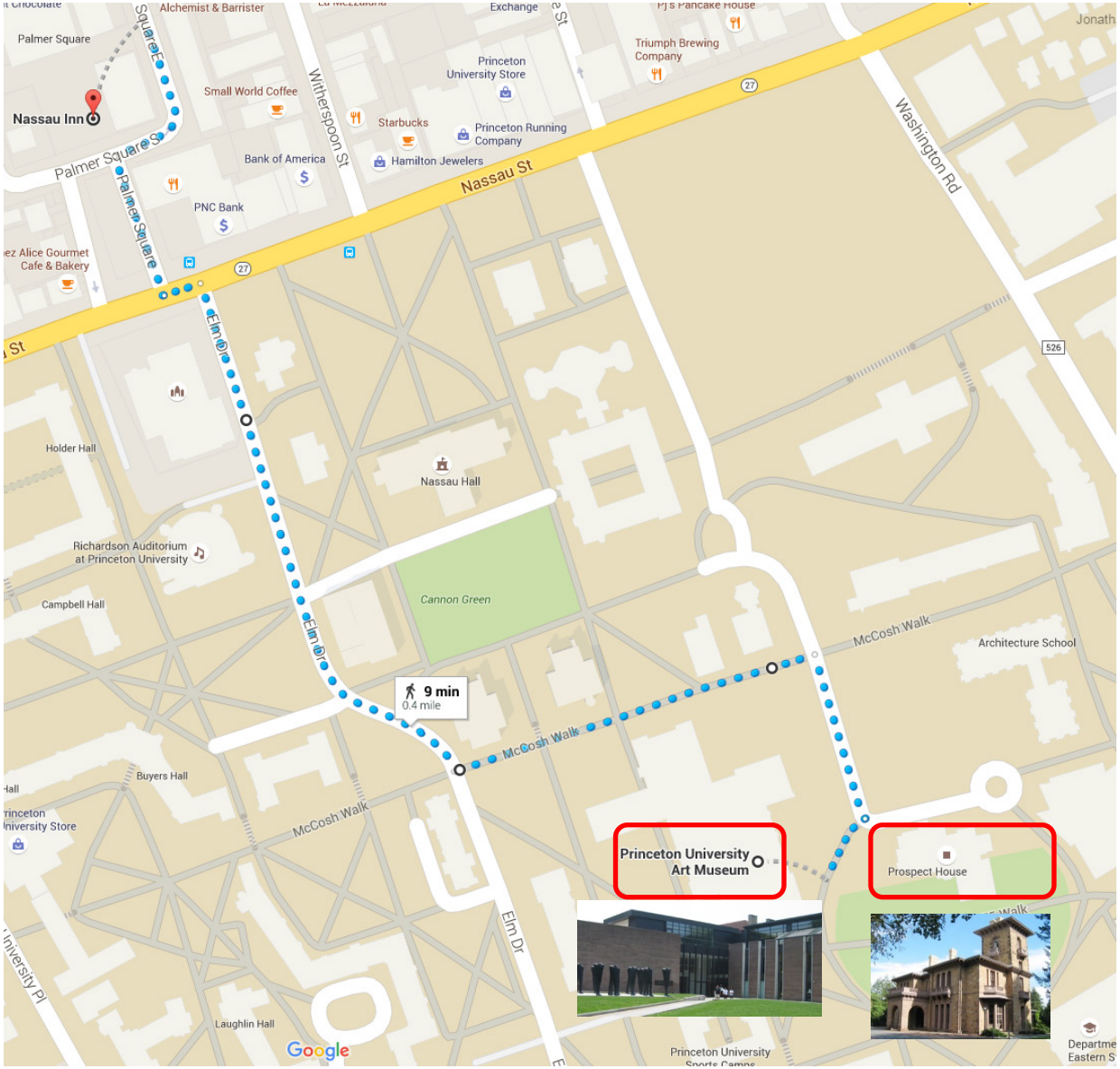


Map for walking from McDonnell Hall to Art Museum (Reception) & Prospect House (Banquet)





Map for walking from Nassau Inn to/from Art Museum (Reception) & Prospect House (Banquet)



Map for driving from Nassau Inn to Lot 21

Driving directions

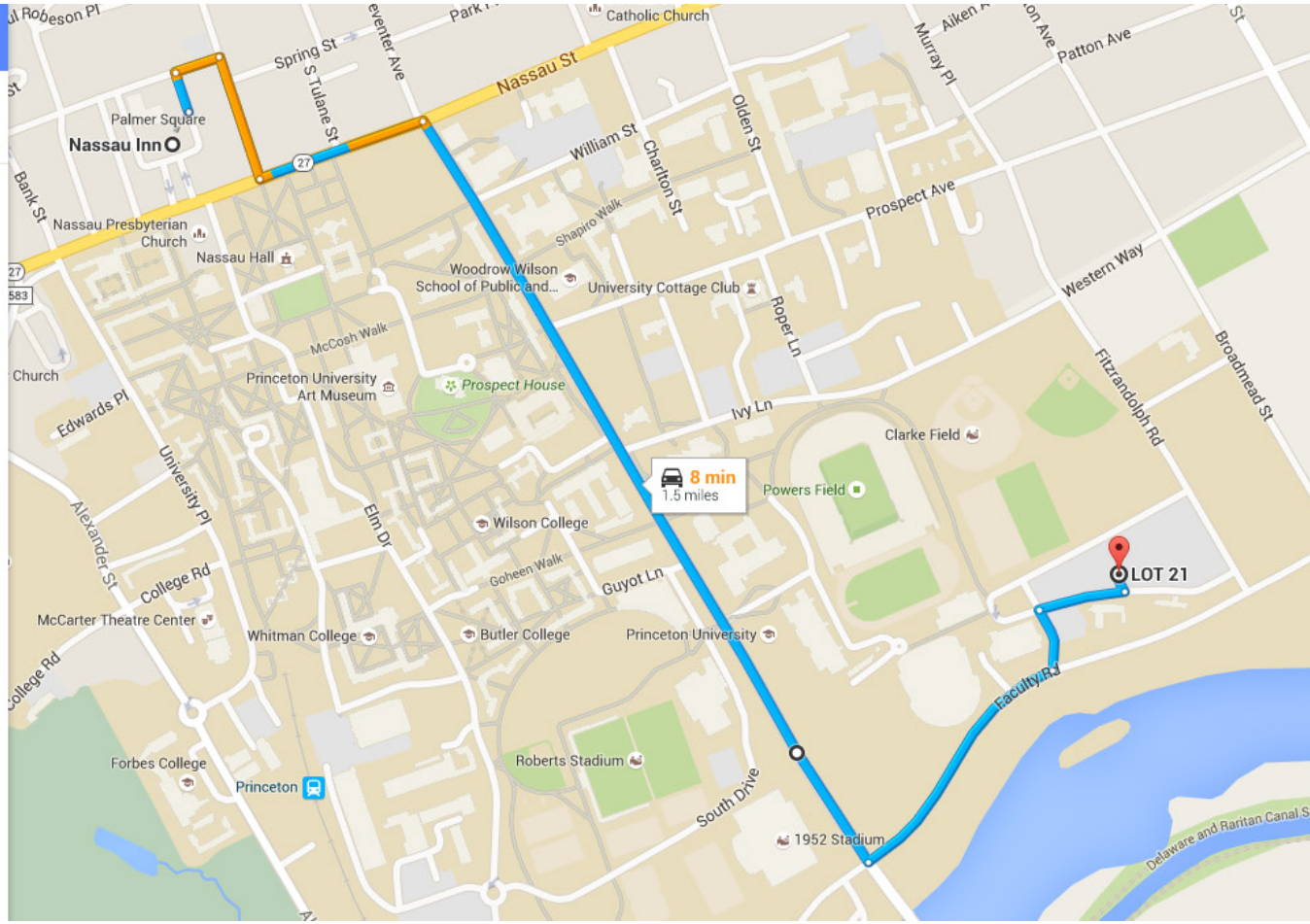
via Washington Rd — 8 min
7 min without traffic · Show traffic — 1.5 miles

Nassau Inn
10 Palmer Square, Princeton, NJ 08542

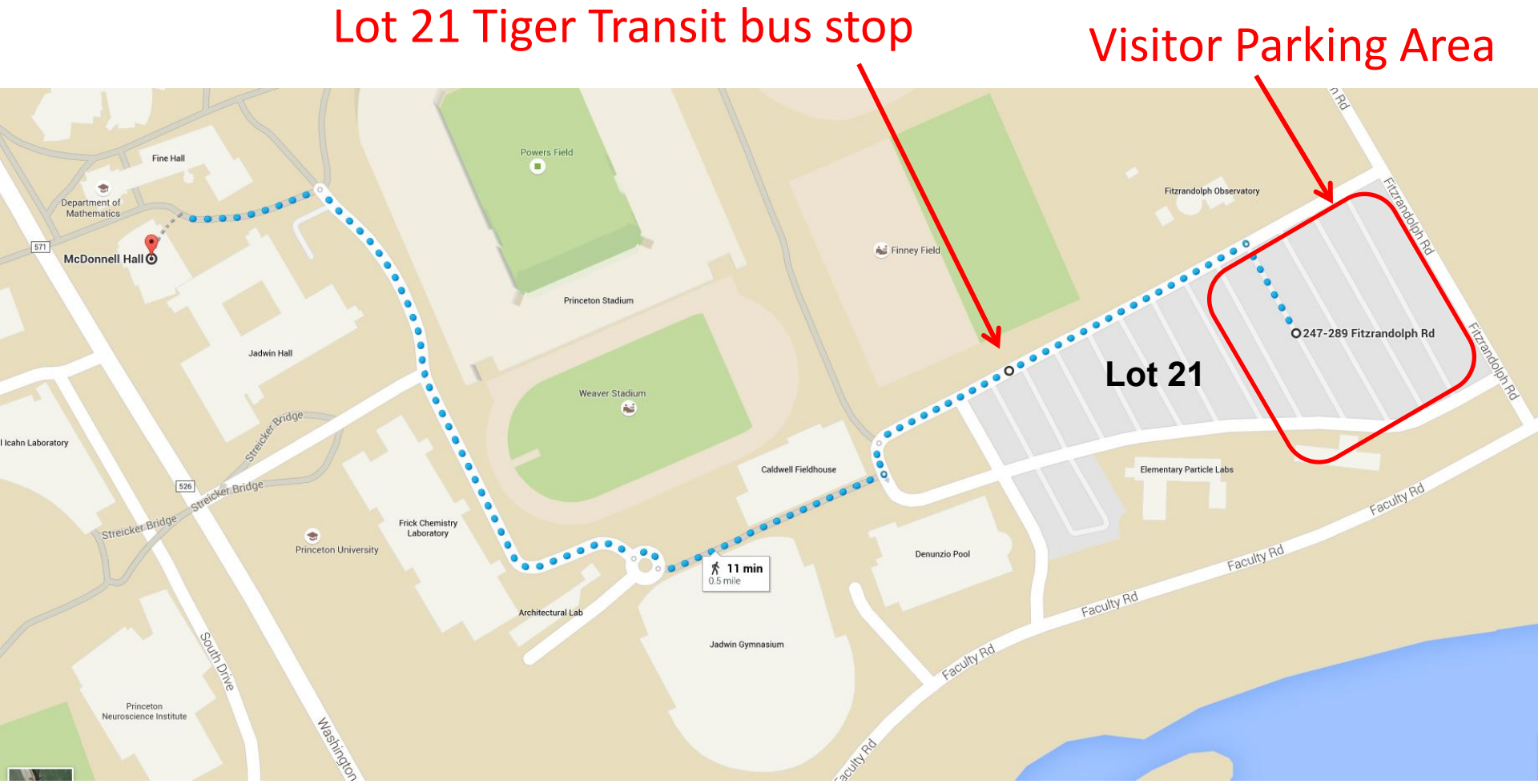
- Take Witherspoon St to Nassau St
  2 min (0.2 mi)
- Take Washington Rd to Faculty Rd
  4 min (0.9 mi)
- Continue on Faculty Rd to your destination
  2 min (0.4 mi)

LOT 21
Princeton, NJ 08540

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.



Map for walking from Lot 21 to McDonnell Hall



West/East Parking Shuttle	
Lot 21	Jadwin
5:07 AM	5:11 AM
5:37 AM	5:41 AM
6:07 AM	6:11 AM
6:37 AM	6:41 AM
7:07 AM	7:11 AM
7:22 AM	7:26 AM
7:37 AM	7:41 AM
7:52 AM	7:56 AM
8:07 AM	8:11 AM
8:22 AM	8:26 AM
8:37 AM	8:41 AM
8:52 AM	8:56 AM
9:07 AM	9:11 AM
9:37 AM	9:41 AM
10:07 AM	10:11 AM
10:37 AM	10:41 AM
11:07 AM	11:11 AM
11:37 AM	11:41 AM
12:07 PM	12:11 PM
12:37 PM	12:41 PM
1:07 PM	1:11 PM
1:37 PM	1:41 PM
2:07 PM	2:11 PM
2:37 PM	2:41 PM
3:07 PM	3:11 PM
3:37 PM	3:41 PM
4:07 PM	4:11 PM
4:22 PM	4:26 PM
4:37 PM	4:41 PM
4:52 PM	4:56 PM
5:07 PM	5:11 PM
5:22 PM	5:26 PM
5:37 PM	5:41 PM
5:52 PM	5:56 PM
6:07 PM	6:11 PM
6:37 PM	6:41 PM
7:07 PM	7:11 PM
7:37 PM	7:41 PM
8:07 PM	8:11 PM
8:37 PM	8:41 PM
Lot 21	Jadwin

Timetable for Tiger Transit bus from Lot 21 to Jadwin (next to McDonnell)

Timetable for Tiger Transit bus from Jadwin back to Palmer Square / Nassau Inn

Forrestal Campus	
Jadwin	Palmer Square
7:48 AM	7:55 AM
8:48 AM	8:55 AM
9:48 AM	9:55 AM
10:48 AM	10:55 AM
11:48 AM	11:55 AM
12:48 PM	12:55 PM
1:48 PM	1:55 PM
2:48 PM	2:55 PM
3:48 PM	3:55 PM
4:48 PM	4:55 PM
5:48 PM	5:55 PM
6:48 PM	6:55 PM
Jadwin	Palmer Square

For PPPL /NSTX-U employees wishing to take Tiger Transit Bus from PPPL to/from Jadwin Hall, here is Forrestal Campus timetable:

Forrestal Campus											
Princeton Station	Lakeside	Lewis Library	Dean Mathey	Princeton Hospital	Forrestal	PPPL	Lakeview	Dean Mathey	Jadwin	Palmer Square	Princeton Station
7:00 AM	7:05 AM	7:09 AM	7:13 AM	7:20 AM	7:25 AM	7:29 AM	7:37 AM	7:43 AM	7:48 AM	7:55 AM	7:59 AM
8:00 AM	8:05 AM	8:09 AM	8:13 AM	8:20 AM	8:25 AM	8:29 AM	8:37 AM	8:43 AM	8:48 AM	8:55 AM	8:59 AM
9:00 AM	9:05 AM	9:09 AM	9:13 AM	9:20 AM	9:25 AM	9:29 AM	9:37 AM	9:43 AM	9:48 AM	9:55 AM	9:59 AM
10:00 AM	10:05 AM	10:09 AM	10:13 AM	10:20 AM	10:25 AM	10:29 AM	10:37 AM	10:43 AM	10:48 AM	10:55 AM	10:59 AM
11:00 AM	11:05 AM	11:09 AM	11:13 AM	11:20 AM	11:25 AM	11:29 AM	11:37 AM	11:43 AM	11:48 AM	11:55 AM	11:59 AM
12:00 PM	12:05 PM	12:09 PM	12:13 PM	12:20 PM	12:25 PM	12:29 PM	12:37 PM	12:43 PM	12:48 PM	12:55 PM	12:59 PM
1:00 PM	1:05 PM	1:09 PM	1:13 PM	1:20 PM	1:25 PM	1:29 PM	1:37 PM	1:43 PM	1:48 PM	1:55 PM	1:59 PM
2:00 PM	2:05 PM	2:09 PM	2:13 PM	2:20 PM	2:25 PM	2:29 PM	2:37 PM	2:43 PM	2:48 PM	2:55 PM	2:59 PM
3:00 PM	3:05 PM	3:09 PM	3:13 PM	3:20 PM	3:25 PM	3:29 PM	3:37 PM	3:43 PM	3:48 PM	3:55 PM	3:59 PM
4:00 PM	4:05 PM	4:09 PM	4:13 PM	4:20 PM	4:25 PM	4:29 PM	4:37 PM	4:43 PM	4:48 PM	4:55 PM	4:59 PM
5:00 PM	5:05 PM	5:09 PM	5:13 PM	5:20 PM	5:25 PM	5:29 PM	5:37 PM	5:43 PM	5:48 PM	5:55 PM	5:59 PM
6:00 PM	6:05 PM	6:09 PM	6:13 PM	6:20 PM	6:25 PM	6:29 PM	6:37 PM	6:43 PM	6:48 PM	6:55 PM	6:59 PM
Princeton Station	Lakeside	Lewis Library	Dean Mathey	Princeton Hospital	Forrestal	PPPL	Lakeview	Dean Mathey	Jadwin	Palmer Square	Princeton Station