





Zone-based On-street Progressive Parking Pilot for the City of New Haven, CT
“A Quarter a Quarter”

For the June 13th, 2018 New Haven Traffic Authority meeting



Parking Zones (CONCEPTUAL)

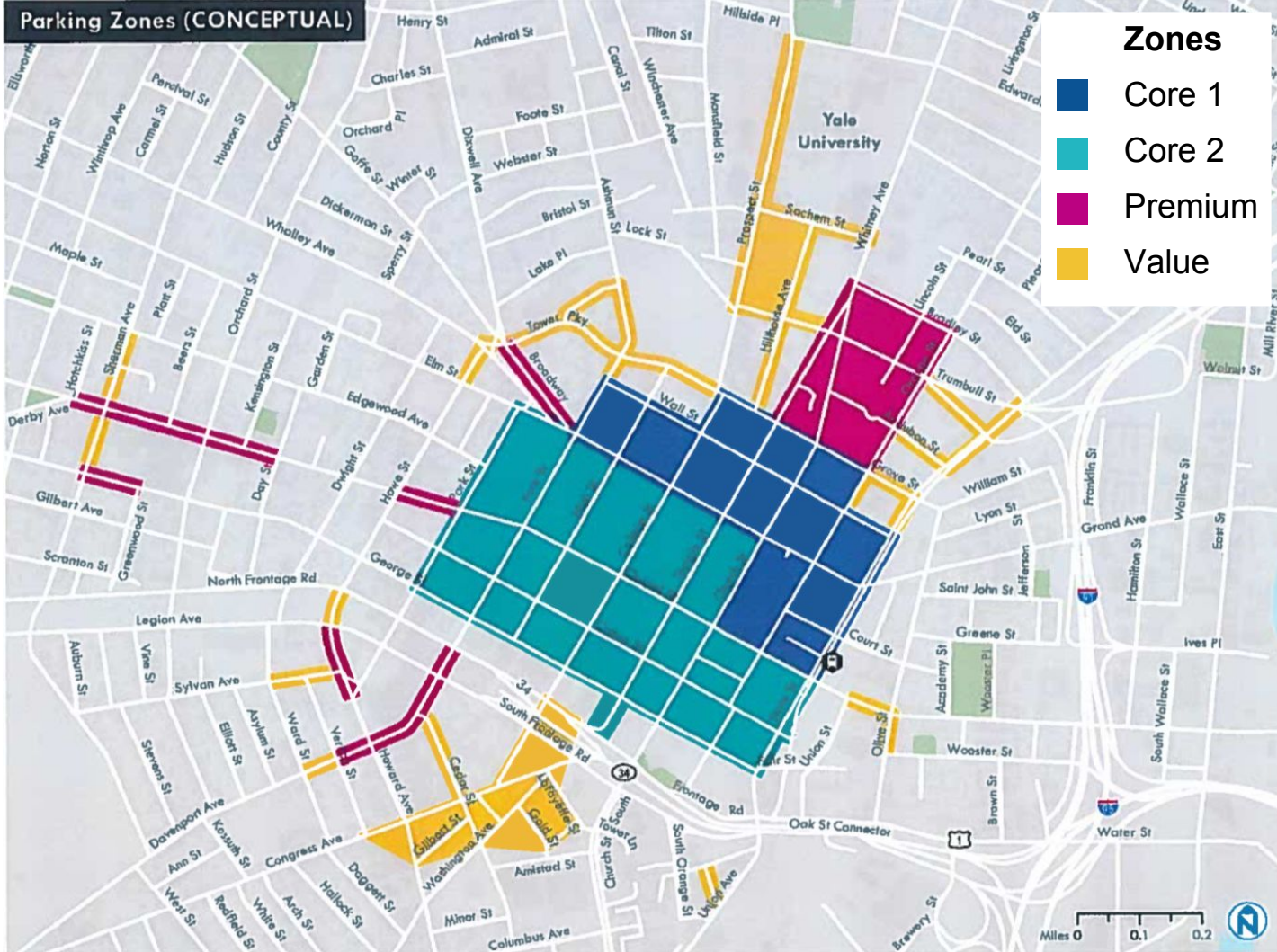
New Haven On-street Parking Inventory

Core 1: busy all day, peak occupancy routinely exceeds 85% during the afternoon

Core 2: busy all day, peak occupancy routinely exceeds 85% during the evening

Premium: desirable spaces, peak occupancies typically between 50% - 85%

Value: less desirable spaces, peak occupancies typically below 50%

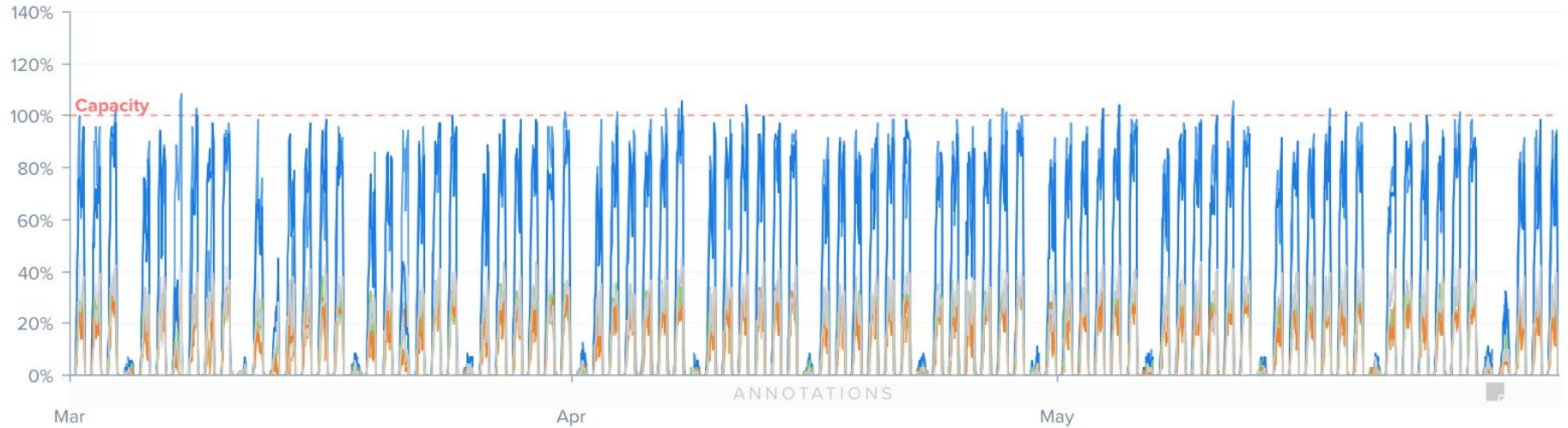


Zones

- Core 1
- Core 2
- Premium
- Value

Occupancy Trends- Chapel: Temple to York (Core 2 zone)

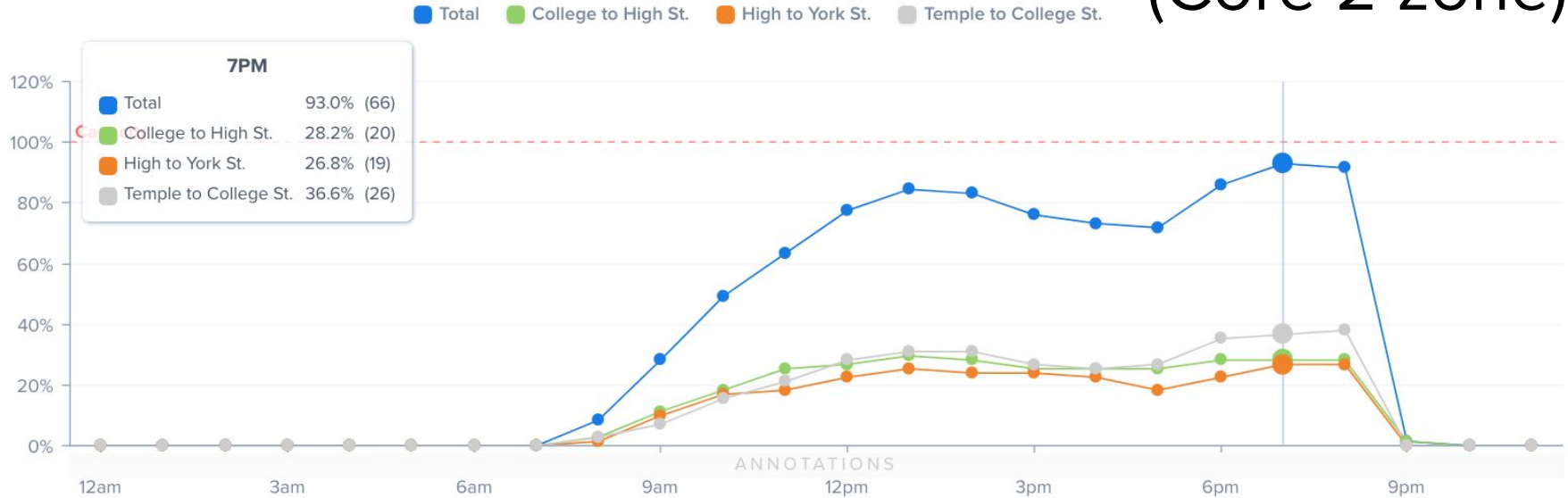
■ Total ■ College to High St. ■ High to York St. ■ Temple to College St.



Parking occupancy over the last three months (March - May 2018)

Occupancy Trends - Chapel: Temple to York

(Core 2 zone)



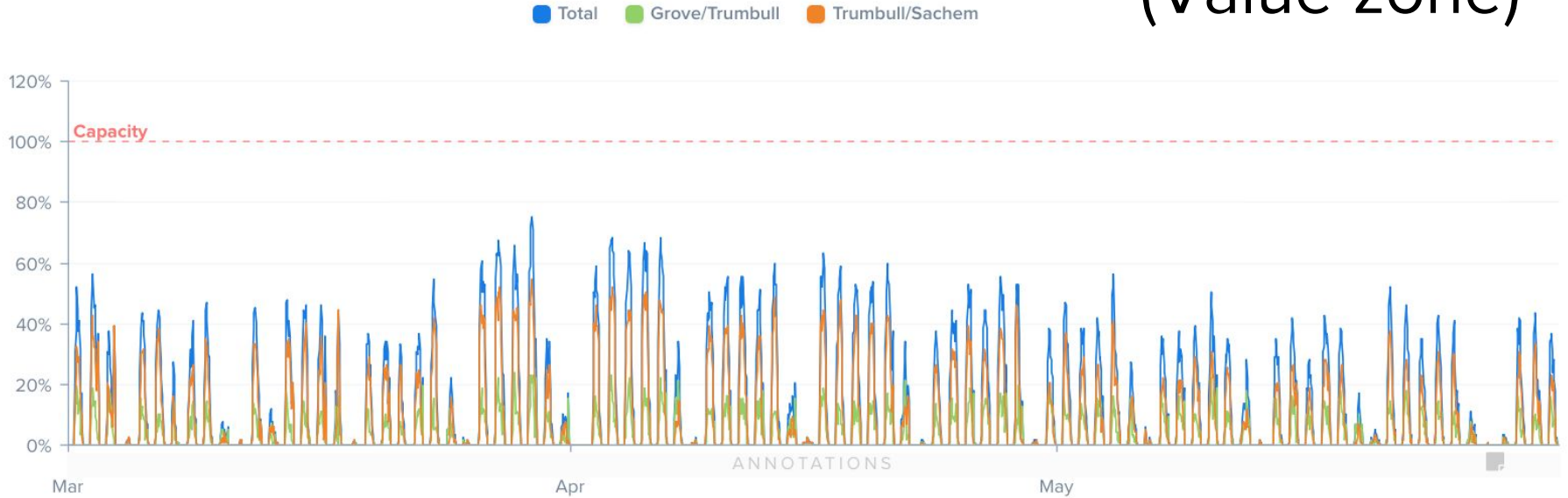
Average Occupancy by Block on Friday, March 1 - May 31, 2018

Peak @ 7 PM - 93% occupied

Higher demand in evening -> higher evening price

Occupancy Trends - Hillhouse

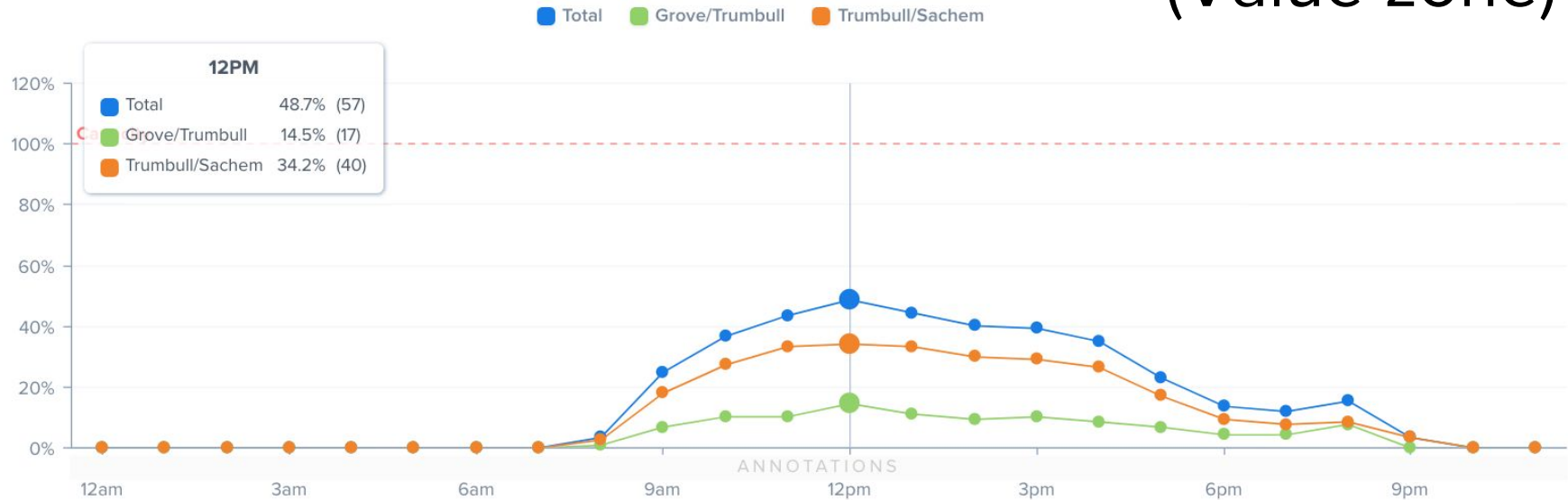
(Value zone)



Parking occupancy over the last three months (March - May 2018)

Occupancy Trends - Hillhouse

(Value zone)

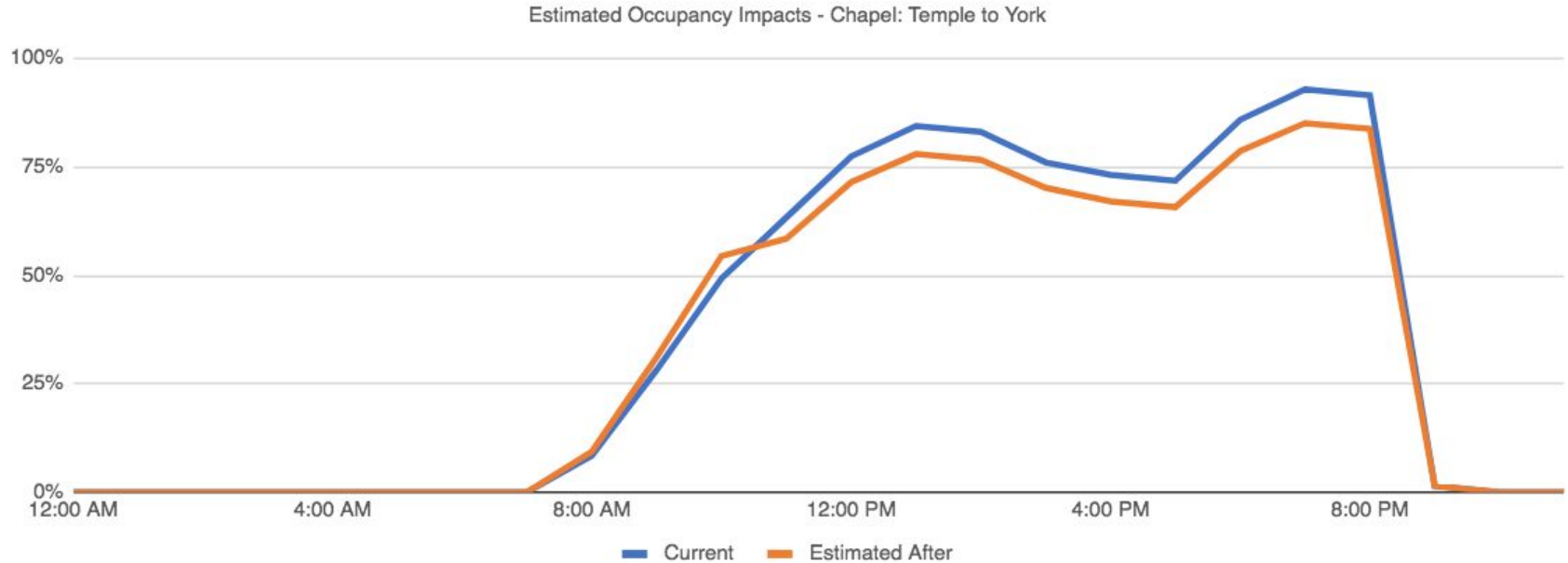


Average Occupancy by Block, March 1 - May 31, 2018
Peaks @ 12 PM - 49% occupied

Sample Rates

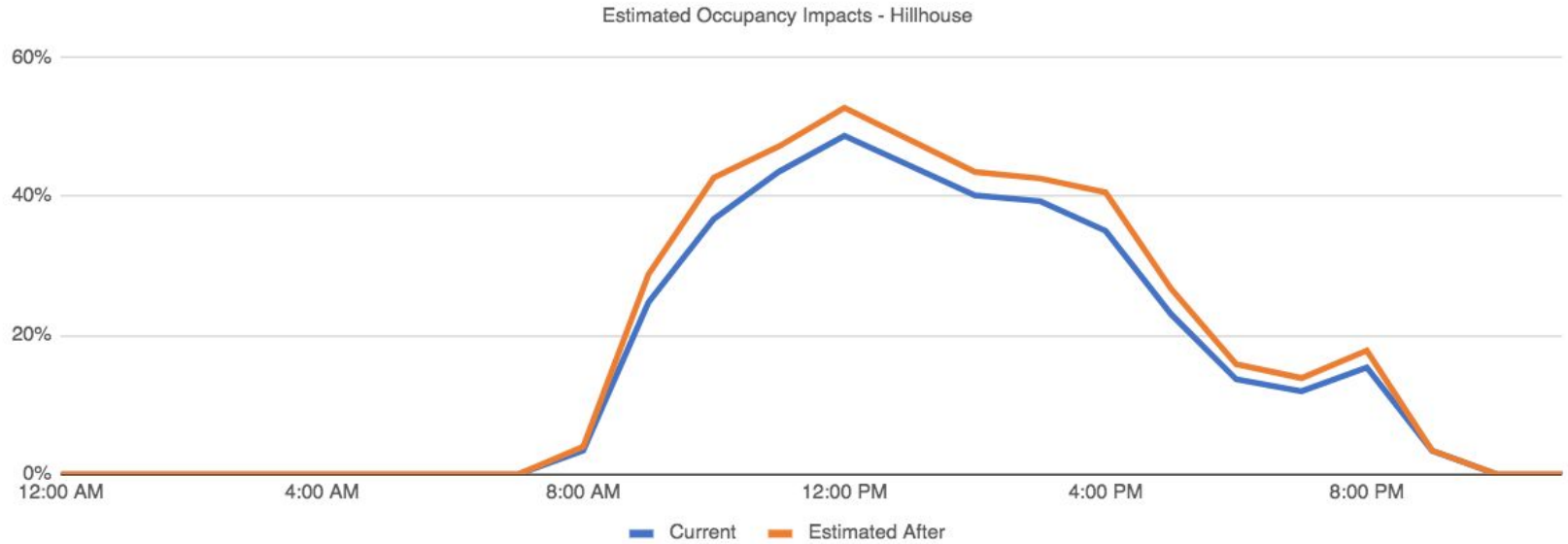
Zone	Current	AM (8-11 am)	Early PM (11am - 4pm)	Evening (4pm - 9pm)
Core 1	\$1.50 2HR or NTL	\$0.75	\$2.50	\$1.75
Core 2	\$1.50 & \$2 2HR, 5HR, or NTL	\$0.75	\$2.25	\$2.25
Premium	\$1.50 2HR, 5HR, or NTL	\$0.75	\$2	\$1.75
Value	\$1.50 2HR, 5HR, or NTL	\$0.50	\$1	\$0.75

Estimated Occupancy Change - Chapel: Temple to York



Morning occupancy - slight increase
Early after occupancy - moderate decrease
Evening occupancy - more significant decrease

Estimated Occupancy Change - Hillhouse

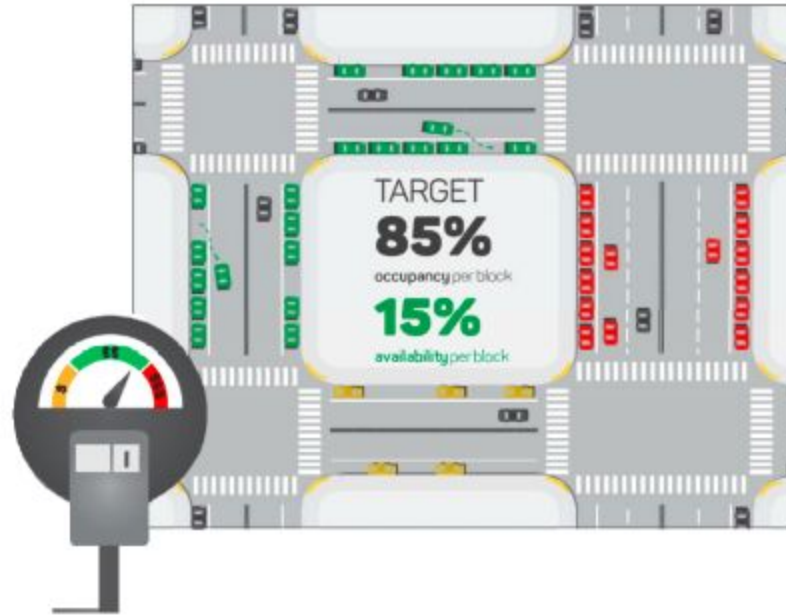


Occupancy is expected to increase throughout the day

Estimated Revenue Impact

	Current (July 1, 2017 - May 31, 2018)	Estimated with New Rates	Change
Core 1	\$1,184,243	\$1,428,155	\$243,912
Core 2	\$1,702,683	\$1,923,928	\$221,245
Premium	\$597,584	\$662,428	\$64,844
Value	\$1,061,297	\$653,809	-\$407,488
Total Revenue	\$4,545,806	\$4,668,320	\$122,514
			3%

Estimated Resident and Visitor Impact



By better distributing demand across all available inventory, we expect:

1. Less traffic by reducing cruising for parking
2. Eliminate headaches associated with perceived shortage of parking
3. Fewer greenhouse gases, fewer cases of asthma