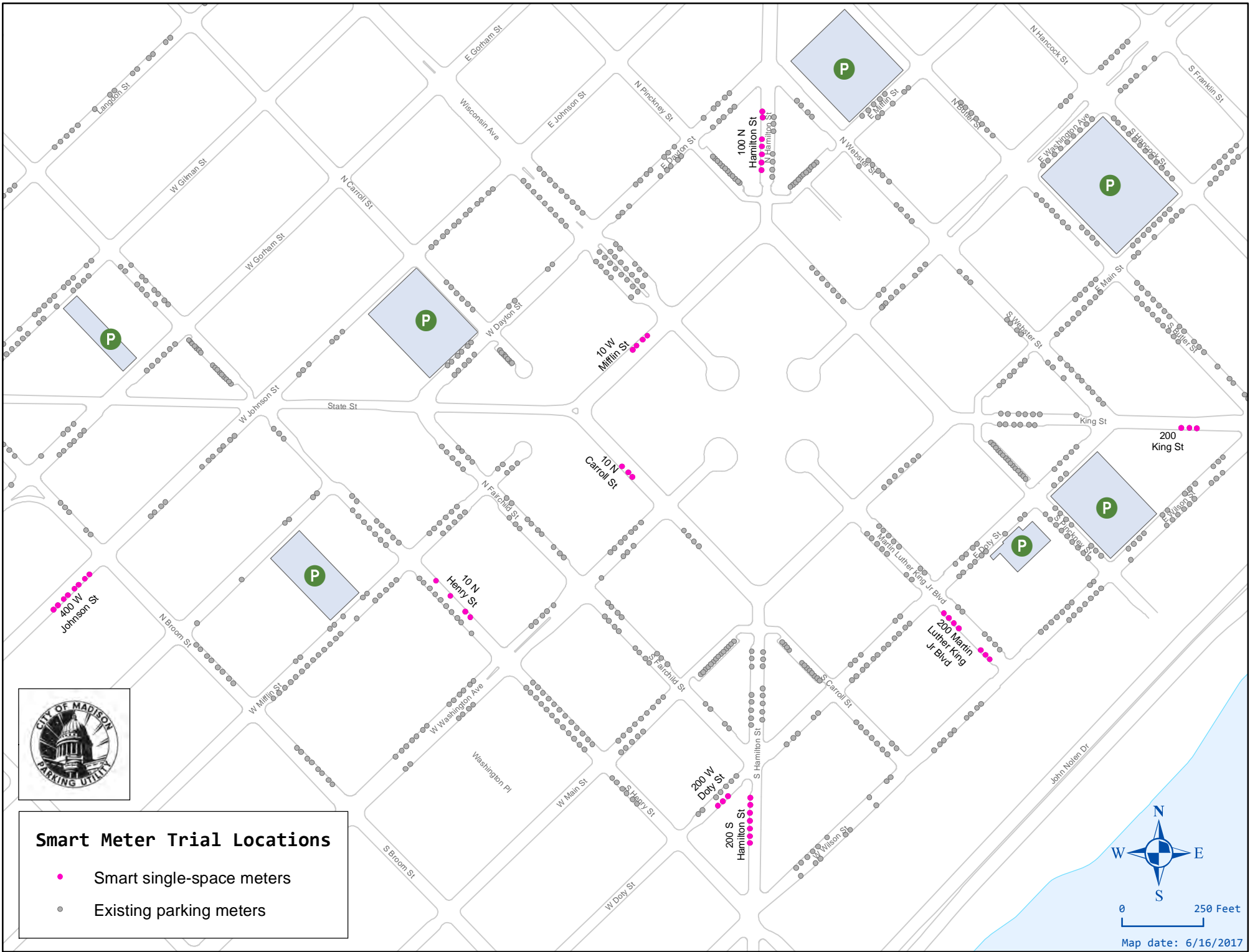


Parking Utility Update to Downtown Coordinating Committee, March 15, 2018
Assistant Parking Utility Manager, Sabrina Tolley

- Single Space Smart Meter Trial
- Special Event Parking and SS Campus Garage Late Night Pay-On-Entry
- 2018 Parking Rate Change
- Online Wayfinding and Real-time Availability
- MobileNow! App
- Capitol East District Garage and Judge Doyle Garage Construction





M5 Parking Meter

Setting the industry standard for single-space parking meters, the IPS M5™ provides customers and their patrons with a simple and consistent parking user experience which is more cost-effective, customer-friendly, and more reliable than alternatives. The patented IPS solution uniquely provides a credit card enabled single-space meter mechanism that retrofits into your current on-street parking meter housing. IPS smart meters offer multiple payment options (credit/debit card, contactless payment, coins, smart card, and tokens), access to real-time data, solar power technology, and a comprehensive web-based management system.



Physical Features

- Universal single-space meter mechanism retrofits almost all single-space meter housings, including Duncan, MacKay, and POM. Installation takes less than 15 seconds and requires zero modification to existing housing
- Mechanism is protected by zinc alloy meter dome and UV resistant, anti-fog Lexan™ cover
- Keypad has four easy-to-read mechanical buttons for intuitive payment navigation—rated at more than 250,000 cycles
- Tri-colored LED lights on front and back of meter alert enforcement officers of meter status: paid (green), unpaid (red), and meter fault (yellow)
- Vandal resistant coin slot/chute allows for worry-free operation and quick servicing
- Environmentally-friendly solar panel and combination rechargeable/back-up battery pack maximize ongoing power
- Proven ability to operate under varying environmental conditions such as snow, sleet, rain, humidity, dust storms, extreme cold, and extreme heat
- RFID technology automatically identifies the meter location and downloads the correct operating parameters when meters are installed/replaced
- Meters are set up to quickly allow for sensor integration.

Product
Line



Model 232



Model 247



Model 895



Payment Options

- Meters accept payment with credit/debit card, coins, tokens, and smart card at the meter terminal
- Optional features include contactless payment and NFC applications such as Google Wallet™ and Apple Pay™
- Meters integrate with multiple pay-by-cell applications for additional customer convenience options
- PA-DSS and Level 1 PCI-DSS certification ensures secure credit card transactions for customers



Wireless Technology

- Meters communicate wirelessly via the cellular network (GSM and CDMA options) and are securely connected to the IPS web-based Data Management System (DMS), eliminating the need for additional communication hardware
- Meters wirelessly notify parking operations staff of any faults, such as a card reader or coin validator jam, via text message, email, or both



Graphical Display

- Large 160x160 pixel, backlit LCD operates at temperatures of -40°F to 185°F (-40°C-85°C)
- Display toggles between multiple screens which can display metered time, parking rates, maximum stay period messages, current time of day (including when meter will expire), and other alpha-numeric or graphical messages depending on the status of the meter
- Display can be customized and programmed remotely via web-based DMS
- In the event of a coin jam, meter will continue to allow payment via credit/debit card, smart card, or pay-by-cell and will display “Cards only, No Coins”. The message is reversed if there is a card reader jam



Centralized Data Management System

- Ability to integrate and import/export data with third-party management systems. Provides a platform to consolidate all data city-wide
- Comprehensive set of financial and technical reports and administrative tools
- Revenue and payment information available in real-time to validate parking enforcement
- Wireless integration of vehicle detection sensors and smart cash collection systems for additional enforcement features and parking operations analysis

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For more information about dynamic parking solutions from IPS Group, please contact your sales representative by calling **1 877 630 6638** or visiting **IPSgroup.com**



My Parking Receipt™

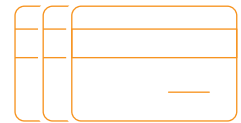
My Parking Receipt™ works with IPS meters to bring greater personal reporting and record-keeping capabilities to your customers with easy access to parking receipts.

My Parking Receipt is a convenient website that allows customers to view, download and print their parking receipts paid at any IPS meter. This customer experience enhancement from IPS Group gives greater control and flexibility to customers to manage their parking expenses for personal or business record-keeping and expense reporting purposes. Users just go to the My Parking Receipt website and are able to look up transactions from the last six months using their credit card information and the transaction date range. Users may also create an account so that whenever the credit card linked to the account is used, the receipt is automatically emailed to them.

This feature is already available to all IPS customers through the powerful IPS Data Management System (DMS), where they can retrieve records and other information. This website allows the convenience to be extended to your citizens.

My Parking Receipt offers:

- Setting to automatically email parking receipts upon close of transaction
- One-time customer account set-up to simply access, view export and expense
- User-friendly interface



MULTIPLE CARDS
PER ACCOUNT



AUTOMATIC
EMAIL



MULTIPLE VEHICLES
PER ACCOUNT

For more information on our fully-integrated solution from **IPS Group**, please contact us.
Call for an on-site demo: **877.630.6638**
Online: **ipsgroup.com**

MOBILE APP

PAY BY PHONE



ParkSmarter™

The ParkSmarter™ mobile app works with IPS Smart Meters to bring greater efficiency and choices to the on-street parking customer experience and parking operations in your city.

ParkSmarter allows for controlled, personalized management of a customer's parking experience with time-saving tools right at their fingertips. The easy-to-use app sends expiration notifications and allows the ability to add time to the meter to prevent parking ticket fines. When used in conjunction with IPS sensors, available on-street parking spaces are displayed so that customers can park quickly and easily, reduce emissions created while circling the block. Users are able to add multiple vehicles and credit cards under one account so business and personal parking can be conveniently managed in one place.

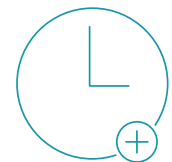
ParkSmarter provides your customers with a smooth parking experience, and setup for you is easy.

The app seamlessly integrates with your existing IPS Smart Meters and also offers:

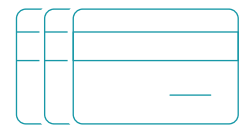
- Live alerts, reporting and data analytics, and easy monitoring through the IPS Data Management System (DMS)
- Optimization with the IPS Meter System to save meter battery life
- Compatibility with iOS and Android devices



FIND NEARBY
AVAILABLE SPACES



INCREASE METER
TIME REMOTELY



MULTIPLE CARDS
PER ACCOUNT

For more information about dynamic parking solutions from **IPS Group**, please contact us.
Call for an on-site demo: **877 630 6638**
Online: ipsgroup.com



Smart Cards

IPS Group Smart Meters accept multiple payment options, including chip-based, pre-paid Smart Cards. Smart Cards hold a stored value, allowing patrons to pay for parking easily with the swipe of a card.



Specifications

- Custom design based on city preference
- Standard order includes four colors on front and one color on back—additional customizations available
- Personalized with one stored value and a printed serial number
- Ready in 6-8 weeks after City approval of artwork
- One-time use or reloadable

One-Time Use Smart Cards

Cities can provide cards to customers directly, or to business owners to distribute to patrons, encouraging them to dine and shop in the area. One-time use Smart Cards cannot be reloaded.

Reloadable Smart Cards

Reloadable Smart Cards can have funds reloaded onto the card by “recharging” at a city-designated recharge station. IPS will work with your city to develop a Smart Card marketing program, which includes instructional materials for your customers.

Recharge Station



The Smart Card Recharge Station allows the City to reload Smart Cards compatible with IPS Smart Parking meters. This system will NOT recharge single-use Smart Cards.

System includes

- Charging Station
- USB interface to standard PC (PC not provided)
- Recharge Station Software
- Training Manual



Pricing

Reloadable Smart Card*

Quantity	Per Card Cost
2,500 (minimum order)	\$4.00
5,000	\$3.50
10,000	\$3.00

**Deposit and delivery terms: 50% deposit on order and 50% on delivery*

Recharge Station

Product	Per Station Cost
Recharge Station	\$1,500
USB Interface	Included
Software & Training Manual	Included

For more information on the fully-integrated solution from **IPS Group**, please contact us.
Call for an on-site demo: **877.630.6638**
Online: ipsgroup.com

PARKING RATE SCHEDULE 2018

As Approved by the Transit and Parking Commission on March 14, 2018
and the Common Council (re ON-Street Rates) on April 19, 2016.

*Special Event & SSCO Lower Level rate change approved by TPC on October 19, 2016

Note		Approved Rates Effective June 1, 2016			Approved Rate Changes Effective Date June 1, 2018			
All rates include 5.5% sales tax								
(a, b)	Cashiered Facilities/Garages				Change (\$) Change (%)			
	Capitol Square North Garage	\$1.20 / hour						
	Government East Garage	\$1.80 / hour						
	Overture Center Garage	\$1.00 / hour						
	State Street Campus Garage	\$1.30 / hour			\$1.50 / hour	\$0.20	15%	
	State Street Capitol Garage	\$0.90 / hour			\$1.20 / hour	\$0.30	33%	
	Capitol East District Garage				\$0.80 / hour	NA	NA	
	Failure to Pay Ticket (all Garages)	\$30.00 / occur. + proc'g fee						
	Lost Ticket Fee (all Garages)	\$30.00 / day						
(a)	Evening/Weekend Maximum	\$8.00 Max						
	*Pay-on-Entry Fee (for Special Events)	\$8.00 / event						
	SS Campus Late Night Pay-on-Entry Fee	\$5.00 / event						
(d)	Street Meters							
	Central Area (CBD) - (except 10-hr mtrs)	\$2.00 / hour						
	Periphery (Atwood/Schenks/Monroe) except 10-hour meters and certain designated areas	\$1.30 / hour						
	10-Hour Meters single pole & multispace mtrs	\$1.10 / hour						
(b)	Metered Facilities							
	Blair Lot	\$1.00 / hour						
	Brayton Lot - Paystations	\$1.80 / hour			\$2.00 / hour	\$0.20	11%	
	Brayton Lot - Lost Ticket Fee	\$30.00 / occurrence						
	Buckeye Lot	\$1.80 / hour						
	Evergreen Lot (Monroe Commons Project)	\$1.30 / hour						
	Evergreen Lot Overnight	\$0.50 / hour						
	State Street Capitol Garage - Multi-space Meters	\$1.80 / hour						
	*State Street Capitol Garage - LL Paystations	\$1 per ½ hr for first 2 hrs. \$3 per ½ hr after 2 hrs						
	*State Street Capitol Garage - LL Daily Maximum	\$30.00 Max						
	Wingra Lot	\$1.20 / hour						
	10-Hour Meters single pole & multispace mtrs	\$1.10 / hour						
	Cycles & Mopeds							
	Off-Street marked stalls	\$1.00 / hour						
	On-Street marked stalls	\$1.00 / hour						
	Annual Permit marked stalls	\$225.00 / year						
(e, f, g)	Monthly Facilities - Permits	Regular Monthly R/NR-B	Premium Monthly R/NR - 24/7	Night R/NR	Regular Monthly R/NR-B	Change (\$)	Night R/NR	Change (\$)
	Blair Lot	\$125/\$145	na	na				
	Brayton Lot	\$150/\$170	na	\$65/\$75	\$160/\$185	\$10/\$15		
	Capitol East District Garage						\$42/\$48	NA
	Capitol Square North Garage	\$150/\$170	\$215	\$65/\$75				
	Government East Garage	\$210/\$240	\$270	\$95/\$110				
	Overture Center Garage	\$150/\$170	\$220	\$55/\$65				
	State Street Campus Garage	\$180/\$210	\$250	\$90/\$105				
	State Street Capitol Garage	\$150/\$180	\$240	\$70/\$85				
	Wilson Lot	\$125/\$145	na	na	\$135/\$155	\$10/\$10		
	Other							
(d)	Meter Hoods	\$2.00 / hood						
(d)	Meters Out of Service	\$10.00/\$18.00 / meter (Half/Full Day)						
(d)	Contractor Hangtags	\$10.00/\$18.00 / tag (Half/Full Day)						
(d)	Covering/Uncovering Dis/Vet signs	\$55.00 flat fee						

FOR ADDITIONAL INFORMATION, CONTACT THE CITY PARKING UTILITY AT 266-4761

Notes

- (a) Cashiered parking rates calculated in half-hour increments; 20-minute grace period
The Evening/Weekend Maximum rate applies to cashiered parking during the following time periods:
- Hours parked after 6 p.m. weeknights (until 5 a.m. the following day); and
- Hours parked on Saturdays/Sundays (from 5 a.m. until 5 a.m. the following day)
Parking garages can be used free of charge between 9 p.m. and 7 a.m. on days when a snow emergency has been declared.
Coupons: Businesses and individuals can request coupons for distribution to customers/clients.
We invoice for the value of *redeemed* coupons plus a 10% admin fee.
- (b) All garages and surface lots are enforced 24/7.
- (d) On-street meters are enforced in general from 8 a.m. to 6 p.m. Changes to on-street rates require an ordinance change and Common Council approval.
UW meters in this area are enforced 8 a.m. to 9 p.m.
- (e) Eligible carpoolers and electric car drivers qualify for the (discounted) Monthly Resident rate and are entitled to immediate occupancy in select facilities.
- (f) Parkers and the Utility are required to provide 30-days notice to terminate monthly parking agreements.
- (g) Regular Monthly - Limited Hours, Monday - Friday
Premium Permit - 24/7 access, even during events
Night Permit - (Created in 2014) Valid 7 days a week from 6 p.m. to 7 a.m.
R = Resident
NR - B = Non-Resident/Business

Real-time Parking Availability Information on City Website

Screenshot from PC:

The screenshot shows the desktop version of the City of Madison Parking Utility website. The header includes the City of Madison logo and navigation links for Accounts, Services, Jobs, Agencies, Data, and Contact. The main navigation bar highlights 'Garages & Lots' and includes links for Special Event Parking, Permits, Street Parking, Accessibility, Español, About, and Contact. The breadcrumb trail reads: City of Madison / Parking Utility / Garages & Lots / Current Hourly Parking Availability. The main heading is 'Current Hourly Parking Availability'. A table lists the following facilities and their vacant stalls:

Facility	Vacant Stalls	DIRECTIONS
Brayton Lot	1	DIRECTIONS
Capitol Square North Garage	178	DIRECTIONS
Government East Garage	89	DIRECTIONS
Overture Center Garage	1	DIRECTIONS
State Street Campus Garage	2	DIRECTIONS
State Street Capitol Garage	205	DIRECTIONS

The table is followed by a 'Last Updated' timestamp: Thursday, March 15, 2018 at 12:50 pm. A button labeled 'GET JSON FORMAT DATA' is present. To the right, a sidebar titled 'Garages & Lots' contains expandable sections for Facilities, Current Hourly Parking Availability, Hourly Rates, Monthly Parking, Motorcycle & Moped Parking, Regulations, and Electric Vehicle Charging Stations. A green button at the bottom right says 'UNIVERSITY OF WISCONSIN PARKING AVAILABILITY'. A note at the bottom left states: 'Except Brayton Lot, data is not available for lots.'

Responsive Design – view from mobile device:

The screenshot shows the mobile version of the City of Madison Parking Utility website. The status bar at the top shows Verizon, signal strength, Wi-Fi, 12:52 PM, and battery level. The breadcrumb trail reads: City of Madison. The main heading is 'Current Hourly Parking Availability'. A table lists the following facilities and their vacant stalls:

Facility	Vacant Stalls	DIRECTIONS
Brayton Lot	0	DIRECTIONS
Capitol Square North Garage	179	DIRECTIONS
Government East Garage	89	DIRECTIONS
Overture Center Garage	2	DIRECTIONS
State Street Campus Garage	1	DIRECTIONS
State Street Capitol Garage	205	DIRECTIONS

The table is followed by a 'Last Updated' timestamp: Thursday, March 15, 2018 at

CAPITOL EAST PARKING GARAGE

CITY OF MADISON



URBAN DESIGN COMMISSION
 Initial/Final Approval Application
 April 19, 2017



Site Location Map

DRAWINGS

TITLE	SHEET NO.
Cover Sheet/Site Location Map	A-1
Existing Site Context	A-1.1
Contextual Site Plan	L-001
Overall Landscape Plan	L-100
Landscape Plan Enlargements	L-101 thru L-107
Planting List	L-200
Existing Site Conditions	C-100
Site Plan	C-200
Grading Plan	C-300
Exterior Elevations	A-2
Exterior Images	A-3
Proposed Signage Locations	A-4
Proposed Public Art Locations	A-5
Site Lighting Calculations	E-1
Typ Parking Level Lighting Calculations	E-2
Roof Level Lighting Calculations	E-3



NO	DATE	DESCRIPTION
1	04/19/2017	UDC Final Approval Submission

“Glimpse”



actualsize

GR̄AEF B|W|B|R

Capitol East Parking Garage

City of Madison, Wisconsin

Urban Design Commission

June 28, 2017

Judge Doyle Parking Garage Construction March 2, 2018

