




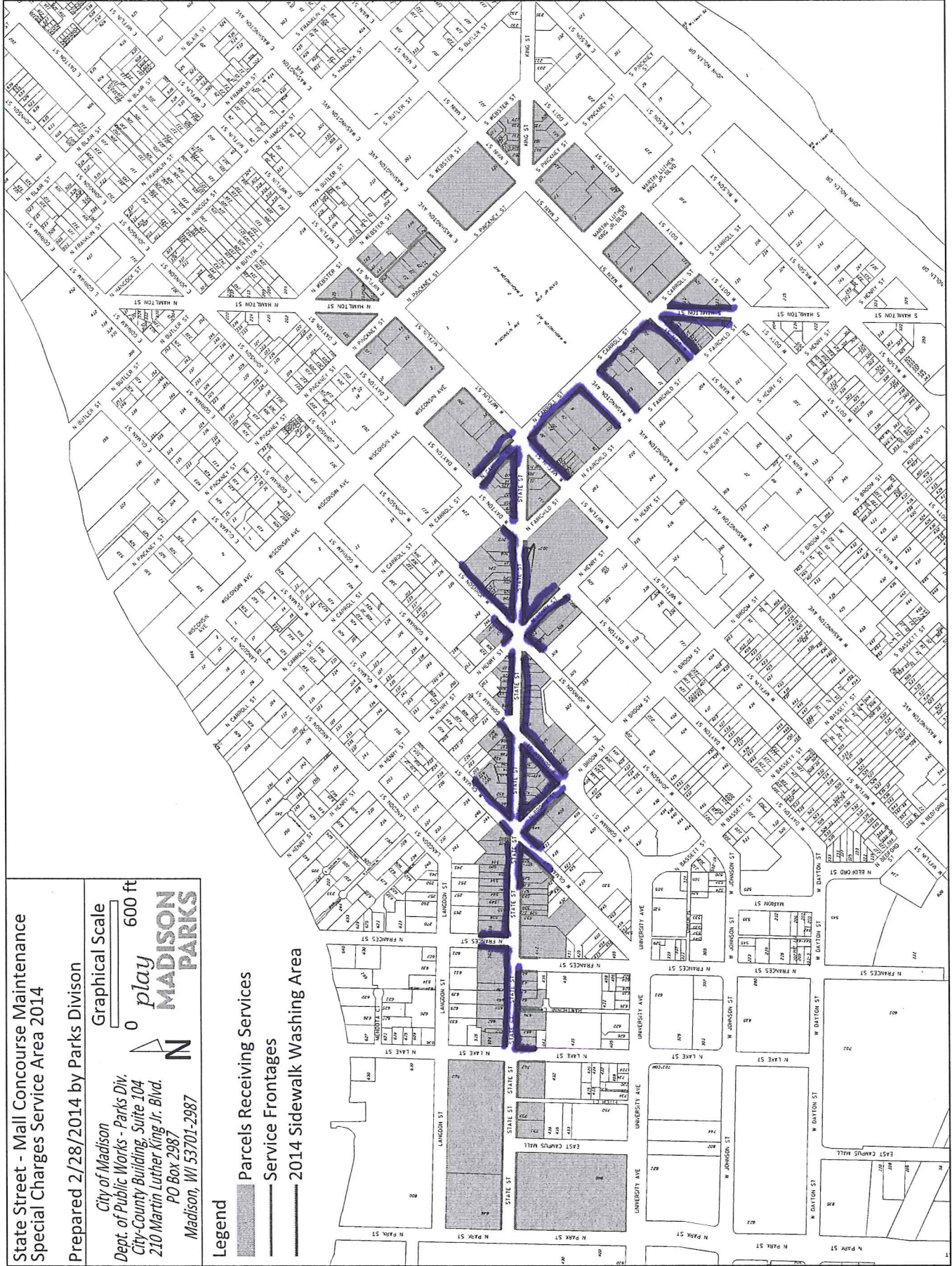
**State Street - Mall Concourse Maintenance
Special Charges Service Area 2014**

Prepared 2/28/2014 by Parks Division

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- Legend**
-  Parcels Receiving Services
 -  Service Frontages
 -  2014 Sidewalk Washing Area



Mall Concourse Sidewalk Washing Program

This program includes general pavement cleaning, detailed cleaning around benches & trash cans, and *some* gum removal, depending on time available. It is not intended to represent time or resources necessary for removal of *all* gum from the sidewalk.

Area

Using one side of one block of State Street as 1 unit, the Capitol Square pavement is multiplied by 1.5 to reflect the wider sidewalk. Spoke Streets are multiplied by 2 to reflect the unfortunate fact that there is rarely water available in these areas, necessitating use of water trailer and slowing cleaning considerably.

State Street & adjacent	26X1=	26 units
Square & avenues	18X1.5=	27 units
Spokes	11X2=	<u>22 units</u>
		75 units

Washing time allotted: 10 hours per unit:

$$75 \times 10 = 750 \text{ hours}$$

Working at a rate of 20 hours per week (allowing for stormy weather and emergencies):

$$750 / 20 = 37.5 \text{ weeks}$$

Summer 2014

To be cleaned:

- 100-600 blocks of State
- Streets adjoining State, currently in our service area
- 100 block of S. Carroll
- 100 block of W. Mifflin, south side only
- 10 block of N. Carroll
- 100 block of W. Washington
- 10 block of S. Carroll
- 100 block of W. Main Street
- 100 block of S Hamilton

To be skipped in 2014 because of construction:

- *Lake St. south of State, west side*
- *N. Frances St. south of State*
- *The portion of the 500 block enclosed in the construction tunnel*
- *Entire 100 block triangle (100 State, N Fairchild, north side of W. Mifflin)*

Procedure

The area to be cleaned in 2014 comprises approximately 38 units. At the rate of 10 hours per unit, and 20 morning hours available per week, this project should take us about 19 weeks. The cleaning will be started by 6:30am and will conclude by 11:30am, except on blocks which have little foot traffic and no café setups. Cleaning may extend past 11:30 on these less-busy areas.

As we will be spending only 10 hours per unit, it will be important to adjust the thoroughness with which the pavement is cleaned in order to keep to the schedule of 2 units per week. This should mean that all pavement is washed, but it will surely mean that there is not enough time, at this pace, to remove all the gum.

Businesses on the affected blocks will be notified, with the help of a Business Improvement District representative, on the preceding Thursday. It will be likely that café setups will need to be delayed until shortly before lunchtime on the scheduled cleaning days.

Mall Concourse will utilize cones, barricades, "Sidewalk Closed" and/or "Sidewalk Open to Businesses" signage to warn pedestrians of the presence of equipment, very hot water, and spray on the sidewalk. An arrow board may be necessary on W. Gorham south of State, as a water trailer will be parked in the street.

Staffing

Because of the tedious and repetitive nature of this work, cleaning should be rotated so that everyone shares in the effort. One person will be operating the washer, but in order to be most efficient, additional staff may be deployed for setup, cleanup, and water refills. Additionally, we will stagger breaks or send in a "relief worker" so that someone keeps the equipment working as much as possible. This should enable us to get in and out quickly and cause the least disruption to shopkeepers and restaurateurs.

Equipment

We will do the cleaning with the two hot pressure washer units that we already own, utilizing a hotter temperature setting than customary. Higher temperature seems to equate with faster cleaning and better gum removal results.

We are also considering the purchase of a hot pressure washer on a trailer together with a large water tank and pump (~\$12,000.00). We think that this equipment would make cleaning more efficient in areas that do not have access to water. These areas are mostly on the Capitol Square and surrounding side streets and scheduled for cleaning the second year, allowing us to delay the purchase of this equipment. Additionally, postponing the purchase would give us time to evaluate how well the hot pressure washer works for this type of project and whether a different or additional piece of equipment might be needed.

Summer 2015

In the summer of 2015 we plan to continue the sidewalk washing program around the rest of the Square and side streets.