



## **STREET SWEEPING POLICY & PROCEDURE MANUAL**

### **I. INTRODUCTION**

In the best interest of the residents of the City of Louisville, the Public Works Department shall assume basic responsibility for sweeping public streets. Reasonable sweeping is necessary for vehicle and pedestrian safety, water quality, and environmental concerns. The City shall provide such service in a cost-effective manner keeping in mind safety; limited equipment, budget, and personnel; and environmental concerns. The City may use City equipment and employees, and/or private contractors to provide this service. Completion times and dates for street sweeping operations are dependent upon weather conditions and employee and equipment availability. Annually the City sweeps about 2,380 miles of public streets and as a result disposes of over 600 cubic yards of sediment, leaves and other debris

The Public Works Director or his/her designee is responsible for scheduling of employees, equipment, and/or contractors to achieve the desired results of maintaining the city streets.

### **II. COMMENCING SWEEPING OPERATIONS**

A. Spring sweeping, primarily consists of removal of snow and ice control aggregate, sediment and other debris on the road surfaces, shall begin as soon as possible when streets are generally clear of snow and ice, and significant snow and ice storms diminish. Spring sweeping, designed to pick up the bulk of the aggregate, usually begins between mid March and mid April and is typically completed in early May.

B. Fall sweeping is typically scheduled to begin the third week of October and completed by the last week in November, weather permitting. Areas with extensive foliage shall be swept when leaves begin to fall to keep up with the accumulation rate of the leaves.

C. Sweeping operations are conducted as necessary throughout the year. Sweeping operations should focus on watershed areas which drain directly to significant water bodies, major roads, and the downtown area. Some factors that may prohibit or delay sweeping operations include temperatures below freezing, wind, heavy rain, snow and frozen gutter lines.

D. Priority Areas: Downtown business sweeping occurs year round on a weekly basis with the exception of poor weather conditions and cold temperatures below

freezing, wind, heavy rain, snow and frozen gutter lines. “Hot Spots” are areas that are swept on a more frequent basis due to heavier than normal sediment accumulation which may affect public safety and environmental impact to the local creek.

E. Special events: Streets being used for City sponsored special events will be swept 24 hours prior to the event.

F. Citizen requests for sweeping shall be evaluated by the Public Works Director or his/her designee and a priority status determined.

G. State highways are the responsibility of the Colorado Department of Transportation and county roads are the responsibility of Boulder County Transportation. The City may assist in sweeping operations on these roadways by request, by maintenance agreement, or under emergency conditions.



### **III. STREET SWEEPING PROCEDURE**

Sweeping is a slow process with gutter line speeds that can be as low as 2 to 3 miles per hour. The City sweeps with its own equipment and manpower, but they may also retain contract companies to complete an operation. Typically, centerlines are swept after gutter lines are cleaned. The City uses regenerative air sweeper equipment to remove sediment and other debris from the streets and to reduce the amount of particulate materials emitted into the air during the sweeping operations.

### **IV. PRIORITIES**

The City has prioritized sweeping of City streets with attention to sensitive areas based on the street function, traffic volume, pedestrian usage, impact on water quality and the environment, and the general welfare of citizens in the community, taking into consideration the following:

- A. Municipal Code, under Section 13.36.10 Stormwater – Illicit Discharges and Construction/Post Construction Requirements and Regulations
- B. Storm Water Permit requirements for Phase II of the National Pollutant Discharge Elimination System
- C. Coal Creek watershed environmental impacts

- D. Hot spot areas where sediment or other pollutants accumulate and cause heavier pollutant burden on water shed runoff
- D. Fall sweeping
- E. Residents requests for sweeping will be evaluated and the Public works Director will determine the priority
- F. Streets that have bituminous chip-seal overlay when ambient temperatures are less than 70° F to allow for proper removal of loose material

Note: Erosion/sedimentation and debris cleanup from construction projects is the responsibility of the developer, contractor, or property owner.

The City has determined that the streets shall be swept as depicted on the Street Sweeping Map and incorporated herein by reference.

**V. STREET SWEEPING FREQUENCIES**

<b>AREA</b>	<b>Minimum Frequency</b>	<b>Maximum Frequency</b>
<b>Arterials/Secondary streets</b>	<b>2 times / year</b>	<b>4 times / year</b>
<b>Commercial</b>	<b>2 times / year</b>	<b>4 times / year</b>
<b>Light Industry</b>	<b>2 times / year</b>	<b>4 times / year</b>
<b>Heavy Industry</b>	<b>2 times / year</b>	<b>4 times / year</b>
<b>Residential</b>	<b>2 times / year</b>	<b>4 times / year</b>
<b>Downtown Businesses</b>	<b>Biweekly 2X/month</b>	<b>Weekly</b>
<b>“Hot Spot Areas”</b>	<b>4 times / year</b>	<b>8 times / year</b>

The following streets are swept on a Bi-monthly schedule or more often if needed:

(Before 6:00 a.m.)

1. Dillon Road east of 88<sup>th</sup>
2. Dillon road west of Dahlia
3. South Boulder Road east of Christopher Village
4. McCaslin south of 7-11 fuel station
5. 96<sup>th</sup> Street bridges
6. CTC Blvd.
7. 88<sup>th</sup> Street
8. Campus Drive
9. Health Park
10. Centennial Parkway
11. Century Drive and Century Place

Streets swept on weekly basis (after 6:00 a.m.)

1. Main Street from Elm to South Street

2. Front Street from Pine to South Street
3. Pine from Highway 42 to Lafarge
4. Walnut and Spruce from Front to Lafarge

**Streets swept on weekly basis (after 7:00 a.m.)**

1. Main Street north of South
2. Pine Street from Lafarge to Johnson

**Bike Lanes (Note: these routes are done Bi-monthly)**

1. Via Appia
2. South Boulder Road
3. Cherry west of Hoover
4. Dillon
5. McCaslin
6. 88<sup>th</sup>
7. 96<sup>th</sup>

**The following streets are swept on a quarterly schedule:**

1. Centennial Drive
2. Washington Street
3. Kennedy
4. Tamarisk
5. West Alder
6. Tyler
7. Polk
8. Madison
9. Mulberry
10. Century Drive
11. Hoover
12. Lincoln
13. Lafayette
14. East Street
15. Roosevelt
16. Elm
17. Bella Vista
18. Jefferson north of Lafayette
19. Griffith east of Main
20. Garfield
21. Pine from Johnson to Via Appia
22. West
23. Plaza Drive
24. Hecla Drive
25. West Dahlia

**All other residential streets not listed above are swept in the spring and fall months. NOTE: Schedules are subject to change without prior notice.**

#### **VI. WORK SCHEDULES**

Sweeping operations are performed in conjunction with other maintenance operations. Sweeping operations are normally conducted Monday through Friday from 7:00 a.m. to 3:30 p.m. The downtown business areas are swept on Fridays from 5:00 a.m. until noon. Sweeping may be restricted due to hazardous weather conditions as previously listed. Extended workdays may be expected for spring and fall cleanup or emergency sweeping operations.

#### **VII. SIDEWALKS and BIKE PATHS,**

The City's Parks and Open Space Department provides sweeping services for public bike paths and sidewalks on an as needed basis. Residents and business owners are responsible for sidewalks adjacent to their property within the public right of way.