



City of
Golden

STREET
SWEEPING
OPERATIONS
PLAN

2019 – 2020

**STREET SWEEPING
OPERATIONS PLAN**

FOR

CITY OF GOLDEN, COLORADO

City Manager

Public Works Director

Public Works Deputy Director

Street Superintendent

Revised Every 2 Years

STREET CLEANING

Overview

Street cleaning services are provided for community safety, health, environmental and aesthetic purposes. The provision of these services are prioritized and scheduled based on the extent to which such ends can be accomplished. The City of Golden promotes an aggressive approach to street cleaning. All streets within the City are swept an average of 12 times per year.

The City of Golden is committed to a healthy environment for the community and will make every effort to comply with Federal and State Air and Water Quality Standards. Training and education are ongoing to inform operators and citizens of our goal to comply with the guidelines of the Denver Regional Air Quality Control Council.

Equipment

1 – 2017 Elgin Broom Bear Mechanical Sweeper (4 cubic yards)

1 – 2018 Global Mechanical Sweeper (4 cubic yards)

Training

Sweeper Training typically consists of 44 hrs of a combination of reading the operator's manual, riding along with a qualified trainer, operating the sweeper with a qualified trainer present and receiving associated maintenance training from the Fleet Division. Most employees are able to efficiently operate the sweeper after this amount of training, however if the trainer and/or Street Supervisor do not feel the initial training is adequate they will extend the training in whatever area they feel appropriate until the trainee becomes a competent operator.

Records of initial employee training, refresher training and how to avoid and report spills will be kept by the Street Supervisor.

OPERATIONS POLICY

Conditions

Dry with temperatures of 35° and rising with a minimum of 90% of street pavement exposed. Starting times for sweeper operations may be staggered when more than one sweeper is used. This will allow for adequate cleanup time at the end of a shift.

TRASH PICKUP

THE ATTACHED TRASH PICKUP MAP SHALL BE REFERRED TO PRIOR TO ROUTINE DAILY SWEEPING. DO NOT SWEEP IN AN AREA WHERE A TRASH PICKUP IS SCHEDULED. SWEEP IN AN ADJACENT AREA. EMERGENCY REQUESTS WILL BE THE EXCEPTION TO THIS POLICY.

Sweeper Debris Disposal and Cleaning

Sand and miscellaneous debris collected shall be deposited at a suitable landfill.

If unusual sweeping materials are identified, bring the issue to the attention of your supervisor for evaluation and proper disposal.

Cleaning of the sweeper shall be performed in the wash bay at the City Shops Facility.

BULK WATER STATION

THE BULK WATER STATION AT 1151 CATAMOUNT DR. WILL BE THE PRIMARY SOURCE OF WATER USE FOR SWEEPERS; WATER IS PURCHASED IN ADVANCE OF USE THROUGH PUBLIC WORKS ADMIN.

HYDRANTS

THE FIRE HYDRANTS TO BE USED FOR STREET CLEANING PURPOSES ARE ON THE ATTACHED LIST. AUXILIARY VALVES ARE TO BE USED ON ALL HYDRANTS.

HYDRANT SHALL BE USE ONLY AS A LAST RESORT.

A. Cold weather months (October through April)

1. The City's goal is to sweep after each storm as soon as conditions permit.
AREAS THAT ARE MAINTAINED BY DE-ICING AGENTS THAT DO NOT LEAVE SAND RESIDUE WILL BE VISUALLY INSPECTED TO WARRANT SWEEPING.
2. Downtown area from 10th Street to 14th Street from Arapahoe Street to Ford Street will be cleaned the FIRST FRIDAY possible.
 - a. Primary Streets – "A" and "B" routes routinely cleaned as soon as possible after every snowstorm. See Maps and pages 6 and 7.
 - b. Secondary and Residential Streets – routinely cleaned only after all Primary Streets are completed. We will sweep these streets on a rotating basis from north to south after a storm event and south to north after a following event. See Maps.
3. The porous pavement at the rear of Fire Station #1 shall be cleaned once in the spring and once in the fall.(Under the direction of COG Storm Water Dept)
4. Hand sweeping will be performed at radiuses where the sweeper is unable to reach.

B. Spring Cleanup (April)

1. The City's goal is to have all streets cleaned of sand and accumulated winter debris by May 1.
2. Residents are informed of this activity through the City website at www.cityofgolden.net under the Public Works, Street Division link. Information included in the notification is as follows:
 - a. Sweeping will begin at 2am on primary streets / less vehicular traffic, secondary and residential streets shall be swept during normal hour of operation. 7am – 3:30pm
 - b. A request for residents to sweep their sidewalks into the street prior to the street cleaning.
 - c. A request that vehicles be parked off the street where possible when that area is being cleaned.

- C. Warm weather months (May through September)
 - 1. Downtown streets are routinely cleaned on Tuesday and Friday mornings. Merchants are asked to sweep their sidewalks on Mondays and Thursdays prior to the street cleaning.
 - 2. Radiuses will be hand swept as needed.
 - 3. All other streets are cleaned on a rotating basis on Tuesdays and Fridays after the downtown area has been cleaned.
 - 4. Construction projects will be cleaned at the request of the Public Works Department.

- D. Fall Leaf Pickup (October through November)
 - 1. Sweeping of leaves will be performed as the season dictates and weather permits.
 - 2. Areas will be visually inspected to warrant sweeping activity.
 - 3. The following areas are done on a rotating basis:
 - a. The area between 11th and 24th Street, from Mt. Zion area east to Belvedere Drive.
 - b. The area north of 11th Street to Brickyard Circle from Pine Ridge Road/Canyon Point area east to McIntyre Street.
 - c. The area south of 24th Street to Ulysses Street from Jefferson County Parkway & W. 6th Avenue east to Salvia Street.
 - d. The Heritage Dells, Eagle Ridge, Corporate Center, and Golden Heights areas will then be completed.

Once these areas have been completed and weather permits we will continue our leaf pickup in the same order. Leaves collected are used for compost or hauled off to a suitable landfill.

Bags of leaves will not be picked up. We ask that leaves on your property not be raked into the street.

- E. The following City owned parking lots are cleaned after inspection or upon request:
 - 5. Police/Fire Station #1 – 911 10th St.
 - 6. City Hall/Museum – 911 10th St.
 - 7. Clear Creek RV Park – 1400 10th St.
 - 8. Public Works Offices – 1465 10th St.
 - 9. Community Center - 1470 10th St. Upper/lower lots.
 - 10. Public Parking Lots - 1200 block of Jackson Street (North and South)
 - 11. Public Parking Lot - 1200 block of Arapahoe Street (Foss lot)
 - 12. Public Parking Lot - 850 12th Street (Meyer lot)
 - 13. Public Parking Lot - 900 11th Street (Clear Creek History Park)
 - 14. Public Parking Lot - 10th Street and Washington Avenue southwest corner (Visitors Center)
 - 15. Fossil Trace Golf Course
 - 16. Splash Water Park

- F. City owned Park parking lots will be cleaned on an as needed basis at the request of the Parks Division.

- G. Special consideration will be given to all “Special Events” as required. Streets will be cleaned after events and prior to if required.

- H. In an effort to achieve maximum sustainability, the Street Division will continue to strive for the most energy efficient and environmentally friendly means of keeping the City of Golden streets clean. Different types of sweeper, various types of fuel, frequency of sweeping streets and the priority in which they are cleaned will all be constantly review and scrutinized while meeting or exceeding EPA requirements.

LOCATION OF HYDRANTS

“A” ROUTE	
HYDRANT #	TECH AREA
No Number	16360 Table Mountain Parkway
HYDRANT #	NORTH AREA
Bulk Water Station	1151 Catamount Dr.
HY/1002	West Side Pine Ridge Rd.
HY/1018	North Side Wyoming St. and Spur Ct.
HY/1934	634 Partridge Cir.
HYDRANT #	CENTRAL AREA
HY/1880	South Side Washington St. and Snowberry Ct.
HY/1121	North Side 2 nd St. and Cheyenne St.
HY/1273	North East Corner 8 th St. and Briarwood Dr.
HY/1275	1130 10 th St.

“B” ROUTE	
HYDRANT #	WEST AREA
HY/1244	North West Corner 14 th St. and East St.
HY/1346	North Side Lookout Mountain Rd. East of Smith Rd.
HY/1368	West End Yucca Court
HY/2148	South West Corner Arapahoe St and 23 rd St
HY/1412	North West Corner 23 rd St. and Vernon Dr.
HYDRANT #	EAST AREA
HY/1410	East Side Golden Rd. North of Rimrock Dr.
HY/1423	Utah Dr. and Utah St.
HY/1555	South Side of West 10 th Ave. at West Church Entrance
HY/2337	South East Corner Orchard St. and West 5 th Ave.
HYDRANT #	SOUTH AREA
HY/1629	South End DeFrance Ct.
HY/1693	North East Corner Corporate Dr. and Violet St.

PRIMARY STREETS

“A” ROUTE (Tech, North, Central Areas)

Date Started	Date Finished	Initial	Street to be Swept	Starting & Ending Locations
			Catamount Dr.	Pine Ridge Rd. to Golden Gate Cyn. Rd.
			Pine Ridge Rd.	Ford St. to City Limits
			Golden Gate Cyn Rd.	Highway 93 to City Limits
			Washington Ave.	19 th St. to Highway 93
			Ford St.	19 th St to Pine Ridge Rd.
			Iowa St.	N. Ford St. to Highway 93
			Rubey Drive	Washington Ave. to 5 th St.
			Cheyenne St.	2 nd St. to 3 rd St.
			7 th Place	Ford St. to Boyd St.
			Clearview Parkway	7 th Place to Highway 58
			Jackson St.	14 th St. to 19 th St.
			10 th St.	Community Center to Vasquez St.
			11 th St.	Jackson St. to Maple St.
			Illinois St.	19 th St. to 11 th St.
			12 th St.	Arapahoe St. to Ford St.
			13 th St	Arapahoe St. to East City Limits
			14 th St.	Arapahoe St to Ford St.
			8 th St.	Washington Ave to Briarwood Drive
			Briarwood Drive	Highway 58 to 8 th St
			W. 44 th Ave.	Vasquez to McIntyre
			Table Mtn. Pkwy	W. 44 th Ave. to McIntyre
			Table Mtn. Drive	Table Mtn. Pkwy to South End
			W. 45 th Drive	Table Mtn. Pkwy to Table Mtn. Dr.
			Technology Drive	Table Mountain Pkwy to South End
			Salvia St.	W. 44 th Ave. to North End

PRIMARY STREETS ARE TO BE CLEANED BEFORE SECONDARY AND RESIDENTIAL STREETS. IF A STORM INTERRUPTS SCHEDULED CLEANING OPERATIONS, CHECK WITH YOUR SUPERVISOR WHERE TO BEGIN SWEEPING.

PRIMARY STREETS

“B” ROUTE (West, East, South Areas)

Date Started	Date Finished	Initial	Street to be Swept	Starting & Ending Locations
			19 th St.	Ford St. to “Pillars”
			Lookout Mtn. Rd.	“Pillars” to City Limits
			Jackson St.	19 th St. to 24 th St.
			South Golden Rd.	24 th St. to City Limits South of Ulysses St.
			Ulysses St.	South Golden Road South to City Limits
			Ford St.	24 th St. to 19 th St.
			24 th St.	Ford St. to Illinois St.
			Illinois St.	19 th St. to 24 th St.
			Johnson Rd.	South Golden Road to W. 6 th Avenue
			W. 10 th Ave.	Ulysses St. to Jeffco Parkway
			Jeffco Pkwy	W. 10 th Ave. to W. 6 th Ave.
			Illinois St.	Jeffco Parkway to Fossil Trace/Splash
			Heritage Rd.	W. 6 th Ave. to Highway 40
			Kimball Ave.	Heritage Rd. to Crawford St.
			Crawford St.	Kimball Ave. to Shelton Elementary
			W. 4 th Ave.	Heritage Rd. to Zeta St.
			Zeta St.	W. 4 th Ave. to Highway 40
			Indiana St.	City Limits to W. 4 th Ave.
			W. 4 th Ave.	Indiana St. to Gladiola Court
			6 th Ave. Frontage Rd	Indiana St. to East City Limits
			6 th Ave. Frontage Rd	Indiana St. to Orchard St.
			Orchard St.	6 th Ave. Frontage Road to W. 1 st Drive
			5 th St.	Orchard St. to West End
			Corporate Center	All
			Violet St.	Capital Drive to Highway 40

PRIMARY STREETS ARE TO BE CLEANED BEFORE SECONDARY AND RESIDENTIAL STREETS. IF A STORM INTERRUPTS SCHEDULED CLEANING OPERATIONS, CHECK WITH YOUR SUPERVISOR WHERE TO BEGIN SWEEPING.

SECONDARY AND RESIDENTIAL STREETS

“A” ROUTE			
TECH AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>
NORTH AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>
CENTRAL AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>

SECONDARY AND RESIDENTIAL STREETS

“B” ROUTE			
WEST AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>
EAST AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>
SOUTH AREA			
Date Started	Date Finished	Initial	
			ALL RESIDENTIAL STREETS
			<i>MARK ON MAP AS COMPLETED</i>