



STREET DEPT STAFF

Department Personnel – 39 Staff members

- Administration – 4 Staff members
- Administrative Assistants – 2 Staff members
- Crew Leader – 1 Staff member
- Operator IV – 1 Staff member
- Sign Shop Foreman – 1 Staff member
- Utility Opening Worker – 2 Staff members
- Operator II – 7 Staff members (2 members work night shift)
- Operator I – 4 Staff members
- Maintenance Worker I – 10 Staff members
- Maintenance Electrician – 1 Staff member
- Heavy Mechanic – 3 Staff members
- Automotive Mechanic – 2 Staff members
- Supply/Fleet person – 1 Staff member

Concrete Crew (3-6 Staff members)

1. Utility Opening Worker (1)
2. Operator I (1)
3. Maintenance Worker (1-4)

Leaf Pickup Crew (2-16 Staff members)

1. Maintenance Worker I (1-10)
2. Seasonal Employees (1-8)

Maintenance Shop (7 Staff members)

1. Automotive Mechanic (2)
2. Heavy Mechanic (3)
3. Equipment Operator I (1)
4. Supply/Fleet Person (1)

Nightshift Crew (2-3 Staff members)

1. Operator II (2)
2. Maintenance I (1) (November to April)

Patch Crew (3-6 Staff members)

1. Utility Opening Worker (1)
2. Operator I (1)
3. Maintenance Worker (1-4)

Paving Crew (9-14 Staff members)

1. Crew Leader or Operator IV (1)
2. Operator II (3)
3. Utility Opening Worker (1)
4. Maintenance Worker I (5-9)

Road Construction Crew (4-7 Staff members)

1. Crew Leader or Operator IV (1)
2. Operator II (1)
3. Maintenance Worker I (1-5)

Saw Crew (2 Staff members)

1. Maintenance Worker I (2)

Sign Shop (1-3 Full Time Staff members)

1. Sign Shop Foreman (1)
2. Operator I (1)
3. Maintenance Electrician (1)
4. Maintenance Worker I (1-3)
5. Seasonal Employees (1-7)

Street Sweeping Crew (1-9 Staff members)

1. Operator II (1-5)
2. Maintenance Worker II (1-4)

DUTIES

Year Round

- Construct, erect, and maintain traffic signals, street lights, electrical cabinets, and Rapid Fire Beacons.
- Design, produce, and maintain street signs & misc. other signs for various City departments
- Maintain business districts (1-4 employees)
- Maintain and turn compost piles
- Maintain ditches, including Pammel Creek channel
- Erect barricades for contractors, parades, and other civic events
- Maintain downtown trash and recycling receptacles
- Demolition of condemned properties
- Office personnel (prepare work orders & invoices, payroll, fuel reports maintain records, respond to telephone calls and complaints, etc.)
- Maintains approximately 224 miles of streets within the City
- Performs work for the Parking Utility, Wastewater & Water Utility in addition to work for other City departments
- Pick up, and properly dispose of illegal dumps
- Repair washouts
- Equipment maintenance
- Clean graffiti from property on City right-of-way
- Remove debris in road way
- Deliver various materials to Community Gardens and Schools

April Thru October

- Ice Control (6-14 employees)
- Spring Brush Pickup (2-6 employees)
- Maintain Rock Alleys (1-2 employees)
- Inspect, Maintain, and Build Flood Control Dike System (2-11 employees)
- Take care of minor Bridge repairs and maintenance.
- Maintain Yard Waste and Brush Sites (1-2 employees)
- Mow various Right of Way Locations (1-3 employees)
- Repair/Replace Utility Openings
 - Patch Crew (4-5 employees)
 - * Openings (4-5 employees)
 - * Patch potholes (2-5 employees)
 - Concrete Crew (4-6 employees)
 - * Openings (3-6 employees)

* Curb and Gutter (3-6 employees)

- Sweep Streets (Street Sweeper)
 - Fall (5-9 employees)
 - Spring (5-9 employees)
 - Summer (0-4 employees)
- Chip Seal Streets
 - Contractor
 - Sweep Streets (1-3 employees)
- Crack Seal Streets
 - Patch Crew (6-8 employees)
 - Sign Shop Crew (1-2 employees)
- Reconstruct Streets
 - Sign Shop Crew (1-3 employees)
 - Concrete Crew (4-6 employees)
 - Saw Crew (2 employees)
 - Construction Crew (4-7 employees)
 - Paving Crew (9-14 employees)
- Zipper (milling)
 - Construction Crew (6-9 employees)
- Pavement Painting (3-6 seasonal employees)
- Fall Leaf Collection (2-16 employees)
- Oktoberfest responsibilities (1-10 employees)

November to March

- Plow Snow (entire department)
- Snow Removal (4-14 employees)
- Ice Control (6-14 employees)
- Tear down and rebuild Sweepers (1-3 employees)
- Concrete Crew (1-3 employees)
 - Refurbish equipment
 - Repair/replace indoor concrete
- Rebuild paint machines (1-2 employees)
- Christmas Tree Collection (2-6 employees)
- Build/Repair barricades and flashers (1-4 employees)
- Tear down and rebuild paver – as needed (1-3 employees)
- Municipal Service Center building maintenance (1-4 employees)

DEPARTMENT HEADS & SUPERVISORS

Mike La Fleur Superintendent of Streets	-----	Office 789-7305
Andy Bakalars Assistant Superintendent of Streets	-----	Office 789-7307
Brandon Shea Recycling Department Coordinator/Street Supervisor	-----	Office 789-7507
Jim Eggerud Maintenance Shop Supervisor	-----	Office 789-7313

OPERATIONS

The Street Department is located in a facility constructed in 1976 at the south end of Isle La Plume. The Street Department has two divisions:

The Maintenance Shop, with 8 people, primarily mechanics, is responsible for the maintenance and repair of almost all City vehicles and mechanical equipment, as well as maintenance of the Municipal Service Center and operation of the City's central supply room.

The Street Department has 27 people, whose duties vary widely in scope and magnitude. Some examples are as follows:

- Street construction, curb and gutter replacement and asphalt paving
- Street maintenance (crack sealing, seal coating, patching, etc.)
- Street sawing and utility opening repair
- Street sweeping
- Snow plowing, snow removal & ice control
- Curb and gutter repair
- Alley maintenance
- Construct, erect, and maintain traffic signals, street lights, and electrical cabinets.
- Paint traffic markings, street access ramps, and curb & gutter
- Design, produce, and maintain street signs & misc. other signs for various City departments.
- Annual fall leaf collection
- Annual spring brush collection
- Annual Christmas tree collection
- Maintain and turn compost piles
- Maintain ditches, including Pammel Creek channel

- Erect barricades for contractors, parades, and other civic events.
- Construct and maintain the City's flood control dike system
- Maintain downtown trash and recycling receptacles
- Maintain yard waste, recycling and brush drop-off site
- Demolition of condemned properties.
- Office personnel (prepare work orders & invoices, payroll, fuel reports maintain records, respond to telephone calls and complaints, etc.)
- The Street Department maintains approximately 224 miles of streets within the City.
- The department also performs work for the Parking Utility, Wastewater Utility, and Water Utility in addition to work for other departments of the City.

MILES OF STREETS

1955	141.42 miles	2003	- 220.66 miles
1960	160.02 miles	2004	- 222.73 miles
1965	175.58 miles	2006	- 220.01 miles
1970	185.56 miles	2008	- 223.16 miles
1975	189.51 miles	2010	- 223.32 miles
1980	201.00 miles	2012	- 222.82 miles
1985	211.69 miles	2015	- 223.24 miles
1990	- 217.20 miles	2016	- 223.24 miles
1995	- 218.55 miles	2018	- 224.57 miles
2000	- 218.67 miles		

HISTORY OF EMPLOYEES

Includes Maintenance Shop and Street Division Personnel

<u>Year</u>	<u>Employees</u>	<u>Change</u>
1954	60	(4 working between Street & Park Department)
1955	56	
1956-1957	55	
1958	56	(added Assistant Director of Public Works)
1960	59	(added Account Clerk and 2 Laborers)
1964	58	(Assistant Director left)
1966	53	(cut 5 Labor I positions)
1967	52	(Purchasing Assistant transferred to City Hall)

1970	51	(cut 1 Labor I)
1977	53	(added Garage Supervisor and Account Clerk)
1983	49	(cut 1 Janitor and 3 Labor I)
1995	48	(cut Assistant Shop Supervisor)
1998	48.3	(1/3 to Street Dept.-Tree Trimmer/Labor I & 2/3 to Park Dept.)
2003	48.3	(3 laborer positions not funded in approved budget)
2005	48.3	(3 laborer positions not funded in approved budget)
2007	44.75	(add Recycling Cord./Asst. Street Supt as 75/25 position)
2009	44.75	(merged Street and Vehicle Maintenance Departments)
2010	44.1	
2012	38.25	(removed 3 laborer positions – see 2003 & 2005, cut 1 Sweeper Operator/Mechanic, 1 Labor I/Tree Trimmer, 1 Building Maintenance Engineer)
2013	37.5	(25% of Account Clerk to Recycling budget & 5% of Maintenance Electrician to Public Works Budget)
2015	37.5	
2016	37.5	(all Maintenance II positions converted to Operator I)
2018	39	(positions moved from Public Works budget to Street Department budget)

PAVEMENT CONDITIONS

The City of La Crosse has 224 miles of streets. Many of these are multi-lane, such as Losey Boulevard, West Avenue, and Mormon Coulee Road. This results in over 500 lane miles of streets and highways that must be maintained, reconstructed, and snow plowed.

Every two years the physical condition of every street block and segment is inspected. Each block is rated using a criterion that was developed by the University of Wisconsin College of Engineering. A rating of 10 is the best, indicating near new pavement condition and good storm water drainage. A rating of 1 indicates a street that has essentially failed. Streets rated 5, the midpoint, exhibit moderate to severe cracking, perhaps some rutting in the driving lanes and a pavement surface that is close to having potholes develop.

Included in the total miles of streets maintained by the City are a number of miles of State and Federal Highways. Examples of these routes include US 14/61, US 53, WI

35, WI 33, and WI 16. Each construction year the City reconstructs between 2 and 4 miles of streets depending on the funding received from the Department of Transportation and/or Federal Highways Administration and funding under the Capital Improvements Budget. Using those figures it can be seen that City streets have to last between 55 and 110 years.

The tables below provide summaries of the 2018 street ratings.

RATING	MILES
1	.234
2	.599
3	9.868
4	28.337
5	30.001
6	27.188
7	38.616
8	39.115
9	17.960
10	29.732
	TOTAL MILES 221.65
	MILES RATED 4 OR WORSE 39.038
	MILES RATED 5-7 95.805
	MILES RATED 8-10 86.807

SNOW & ICE CONTROL PLAN

The Snow and Ice Control Program is a vital public service. The program is designed to keep the urban area functioning under the most adverse conditions.

Providing snow and ice control is an enormous task. Variations in weather conditions, time, temperature, precipitation amounts and rates, wind conditions, topography, and traffic conditions make the problem complex. Some hazards and obstacles faced by snowplow drivers are vehicles traveling too fast and close to the plow, parked cars, garbage cans, raised manhole castings, railroad tracks, and children sliding and building forts too close to the streets. No two storms are alike, yet the task at hand is similar.

Timing is critical. Weather forecasting is a very important element in this

program. The readiness of the equipment, materials, and personnel is most important to provide a quick response to the emergency.

Snow Plowing Procedures

Precipitation Type	Forecasted Snowfall	Plowing Procedure
Flurries	Trace to 1"	We will not plow. May salt highways or sand residential intersections.
Snow	1" to 2"	Plows may be sent out to clear highways, depending on density, then salt. May sand residential intersections and hills.
Snow	2" to 3"	Will plow highways, then salt. May plow residential, depending on density, then sand intersections and hills.
Snow	More than 3"	Will plow all streets, salt highways and may sand residential intersections and hills. Highways may be re-plowed as directed by supervisor.
Ice Storm	1/4" or less	Salt highways and salt or sand residential streets and hills.
Ice Storm	1/4" or more	Salt all streets. May salt or sand alleys.

Figure 1

Chemicals and Abrasives

Liquid calcium chloride (brine) is applied prior to a snowfall, as a preventative on hills, bridges, curves. Future planning is being done to include brining all main highways. Currently, sodium chloride (rock salt) is applied to main (arterial and collector) highways and hills when needed. To reduce consumption and activate the rock salt more quickly, brine will be added to rock salt when the temperature is below 15 degrees F. Rock salt is mixed into the sand to prevent it from freezing. Salt/sand mix is applied to residential intersections and hills as an abrasive.

Plow Routes

The goal is to keep all highways and major hills open during a snowfall and to prevent snow and ice from bonding to the pavement.

The city is divided into 13 plow routes. These routes are divided into two (2) parts, highways (arterial and collector) and residential streets. Plow crews start on highways and, depending on snowfall amounts, may transition into residential (Figure 1). Highway routes are designed to be plowed in approximately 3-4 hours

and the complete route (highways and residential) in approximately 8-10 hours for snow accumulations under 5". Individual maps have been prepared for each plow route and are updated annually. Most routes are plowed with teams of two (2), consisting of one motor grader and one single axle truck.

Plow routes that have trucks equipped with spreaders will salt or sand as the streets are plowed. Other routes that do not have trucks equipped with spreaders rely on one of three (3) available trucks to salt or sand their streets. When practical, sanding residential intersections will be accomplished concurrent with plowing operations. Sanding residential intersections may not be necessary after each snowfall. Upon completion of snow plowing operations the supervisor will schedule a crew the following nights to plow islands of snow left behind from plowing around parked cars.

Current and Future Issues

Current Issues

- Work Load
 1. Additional Infrastructure
 2. Lack of funding for additional infrastructure replacement
- Not doing enough maintenance
- Not enough funds for maintenance
- Staffing levels

Future Issues

- Maintenance
- Keeping up with current duties with current staffing levels
- Dealing with aged equipment