

2020-2021 Snow Removal Plan

City of Peoria Public Works Department

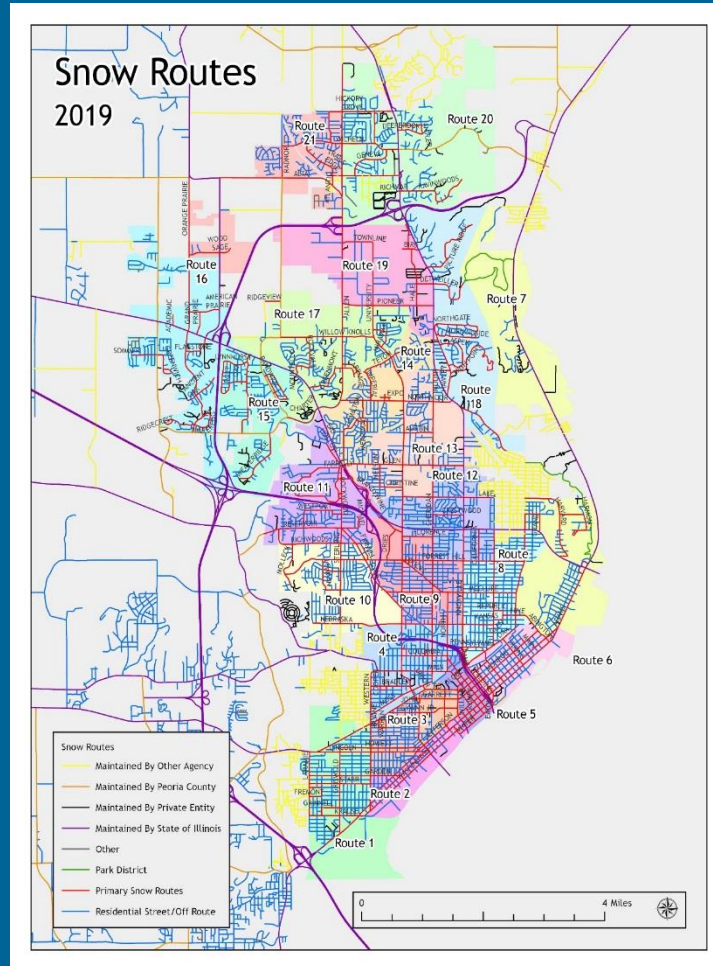


October 13, 2020

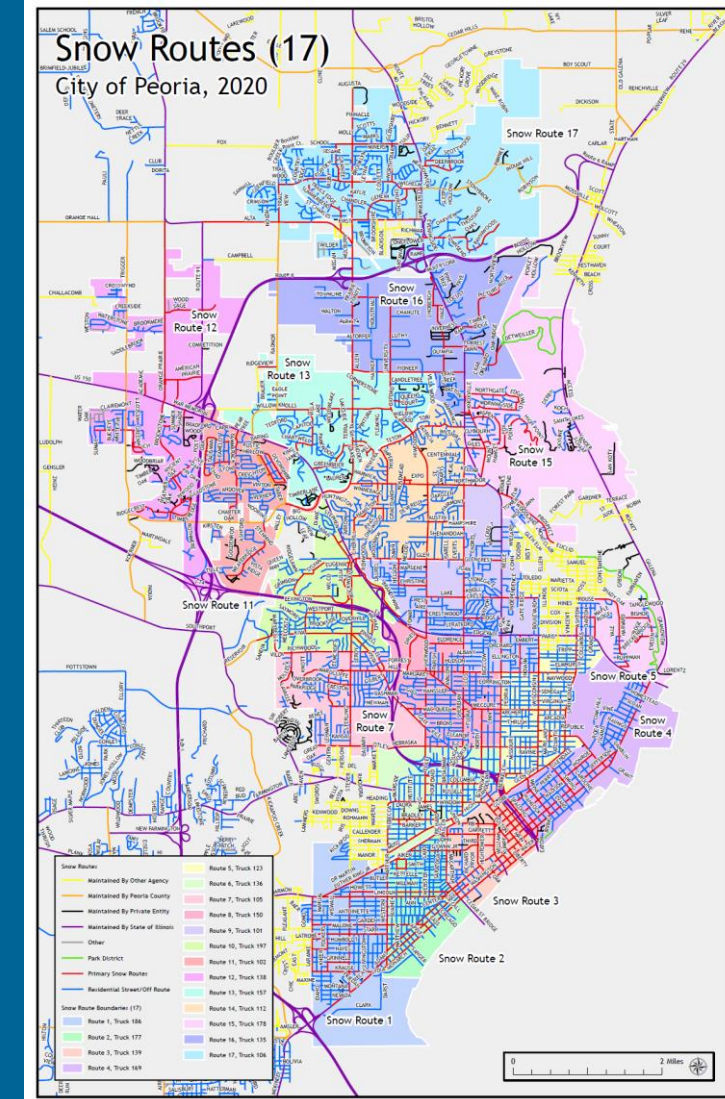


Citywide Snow Routes

21 Routes in 2019



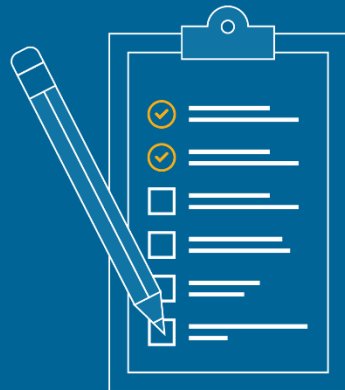
17 Routes in 2020



Winter Staffing

2019-2020 SEASON:

- 37 permanent maintenance employees*
- 22 temporary employees
- **59 total**



2020-2021 SEASON:

- 32 permanent maintenance employees*
- 15 temporary employees
- **47 total**

** On roster – does not include illness or injury absences*

Snow Route Treatment

- **PRIMARY ROUTED STREETS – 158 miles**
 - Pre-treatment (anti-icing)
 - Salt treatment (de-icing) breaks the bond or keeps snow/ice in a condition allowing snowpack to be plowed.
 - Plowing

Priority Snow Route System

2019-2020 SEASON:

- Previously - 20 snow routes
- Route **21** created, 2019-2020
 - No additional employees or equipment to fleet
- (**4**) designated hill routes
- (8) tandem plow routes
- Two 12-hour shifts
 - When two or more inches



forecast

2020-2021 SEASON:

- Previously - 21 snow routes
- Reduced to **17** routes, 2020-2021
- Fewer permanent maintenance and temporary employees
 - (**2**) designated hill routes
- (8) tandem plow routes
- Two 12-hour shifts
 - When two or more inches forecast

Residential Snow Routes

RESIDENTIAL STREETS - 321 miles

- Not salted except under extreme conditions
- Plowed only after completing primary streets
- No bare pavement policy on residential streets

ALLEYS - 80 miles

- Not salted
- Plowed at five inches of accumulation, only after primary and residential streets are completed
- Pass-through only



Removal and Timing

2020-2021 SEASON:

Between two and six inches:

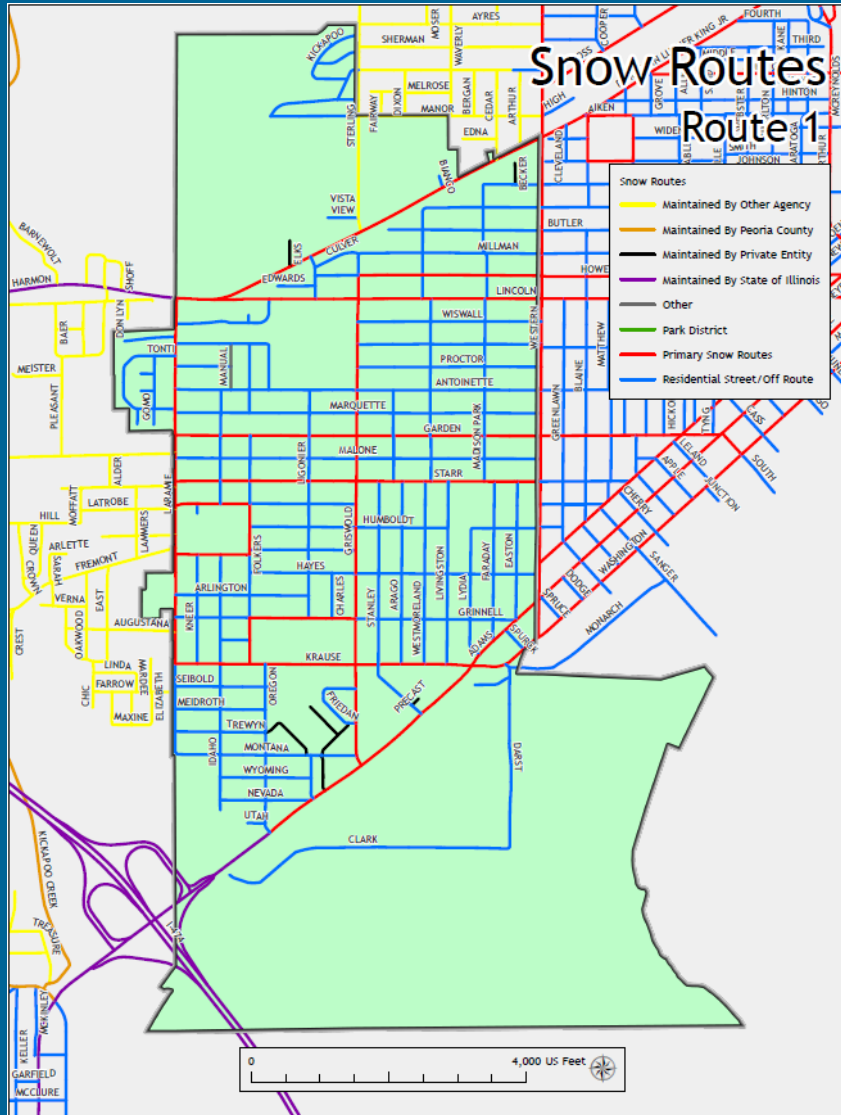
- Removal within 36 hours after snowfall has ended

Six inches or more:

- Removal within 48 hours after snowfall has ended

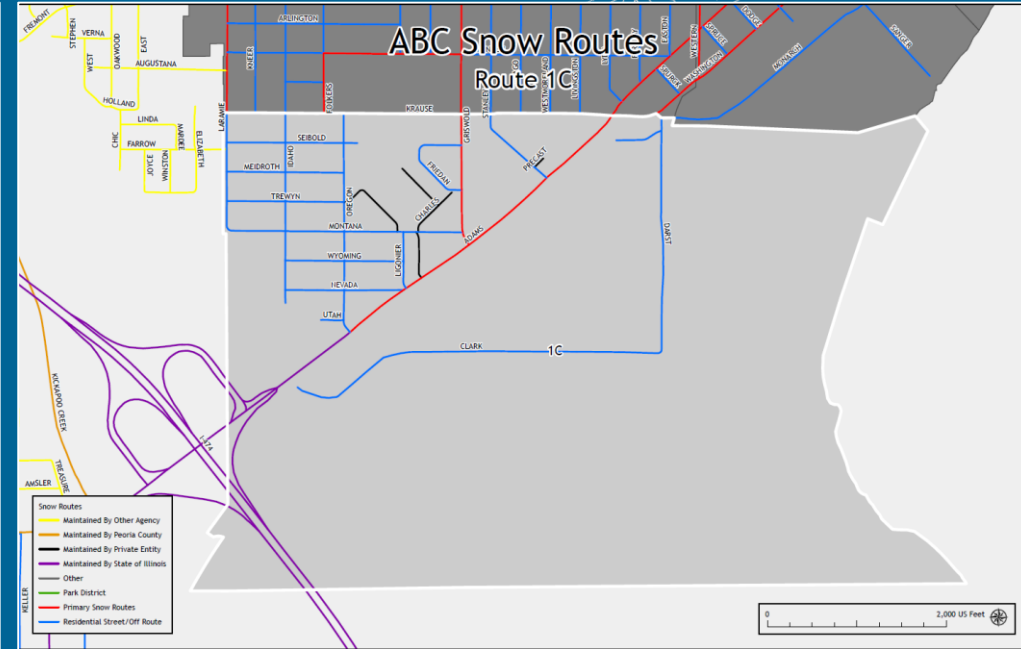
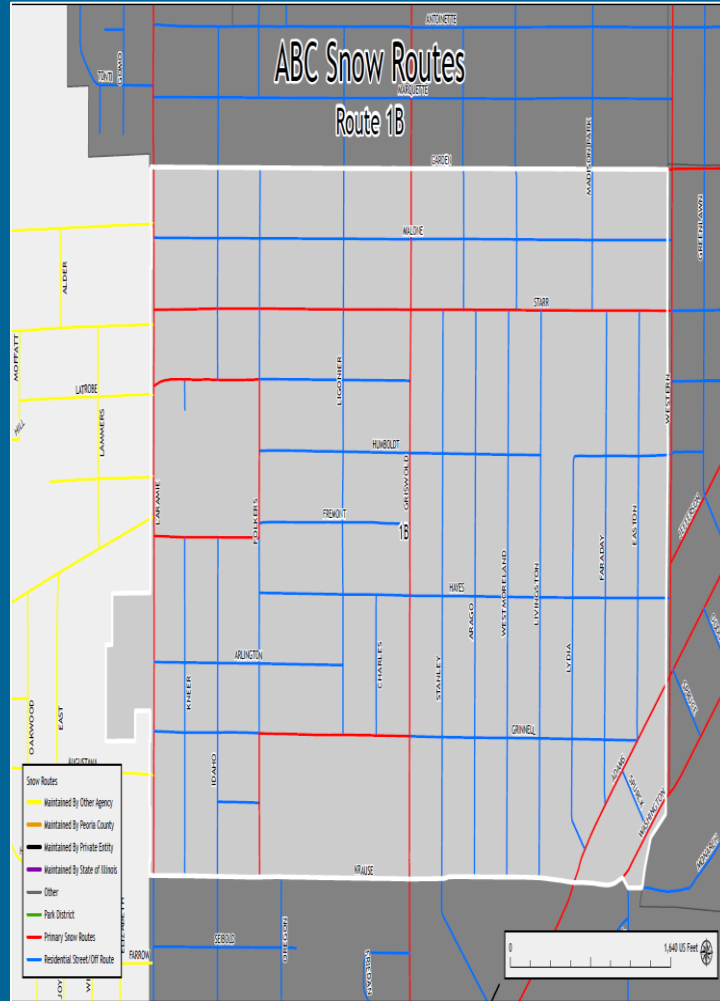
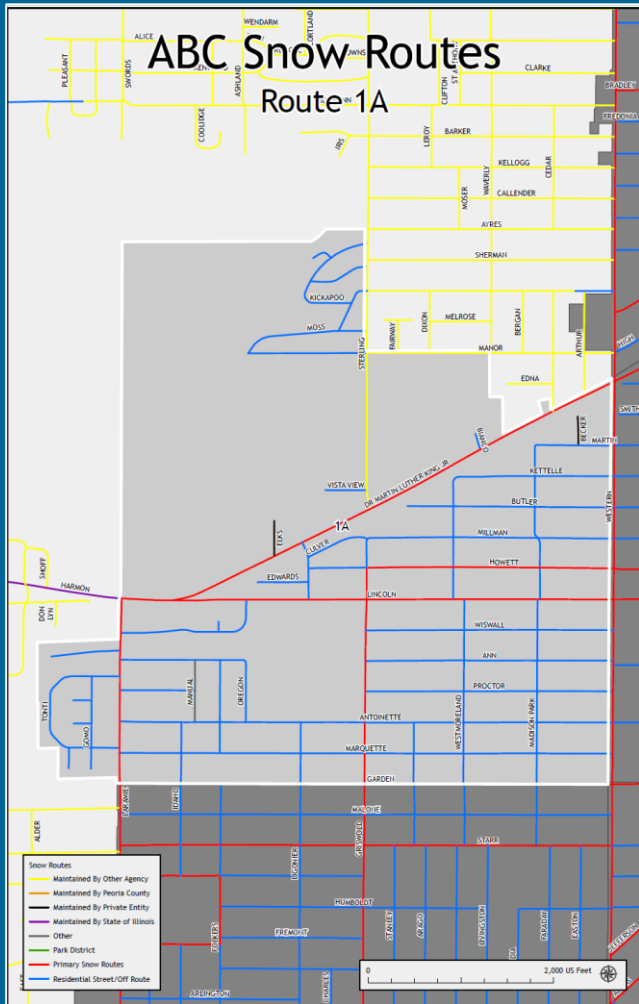


A-B-C Routes



A-B-C EXPLAINED:
A rotational approach to plowing residential streets.

A-B-C Routes



EXAMPLE

Storm Event #1 = A-B-C

Storm Event #2 = B-C-A

Storm Event #3 = C-A-B

Storm Event #4 = A-B-C



Parking Enforcement

EMERGENCY SNOW ROUTES

- Signs are posted on Emergency Snow Routes only
- No parking is automatically enforced when snow reaches two inches or more
- Remains in effect for 48 hours
- \$50 dollars (current fine)
 - \$75 after 7 days
 - \$100 after 30 days
- Tickets can be reissued every 24 hours



Primary routed streets



Downtown business district



Other Parking Bans

NO PARKING BAN (Citywide or Specified Area)

- City Manager or designee can order
- Remains in effect until terminated
- Notice for motorists to move vehicles will be well communicated, enforced by police, \$50 fine



Other Parking Bans

RESTRICTED PARKING BAN (Citywide or Specified Area)

- When warranted, city officials can prohibit parking from 9 a.m. to 9 a.m. the following day on certain days of month
 - even-numbered addresses on even-numbered days
 - odd-numbered addresses on odd-numbered days



Brine Application

- **Brine Machine:** produces liquid salt brine in-house
- Less 10 cents per gallon
- Efficient up to 20 degrees



- **Calcium Chloride:** most effective for applications lower than 20 degrees
- **2019-2020 Season:** brine applicator used only on hills, overpasses and hazardous roadways as pretreatment
- **2020-2021 Season:** to be used on all primary routed streets and residential streets deemed hazardous

Equipment

INDUSTRIAL SNOW BLOWER:

- Moves up to 1,800 tons per hour
- Can load a tractor trailer in less than 30 seconds
- Can reopen roads closed due to drifting
- Frequently used during Category 5 or Category 6 snowstorms



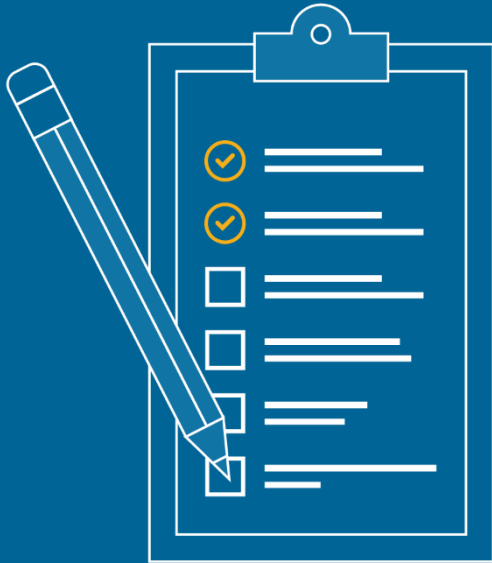
Commercial Sidewalk Snow Removal

- Commercial property owners are expected to comply with the ordinance
 - Including: businesses, schools, churches and hospitals
- Snow clearing should be a basic safety operation for customers, clients or patients
- Snow shall not be placed in the street or block fire hydrants or mailboxes
- Aiming to ensure City is safe and walkable



Commercial Sidewalk City Ordinance

SECTION 26-25: all commercial property owners are required to remove snow from public sidewalks adjacent to their property



- Four foot wide path must be cleared within **24 hours for less than six inches** and **within 36 hours for more than six inches**
- Noncompliance could result in a civil penalty:
 - \$50 for sidewalks less than 200'
 - \$100 for sidewalks more than 200'
- Failure to comply may require City to remove snow/ice on private property
- Costs would be charged to owner

Future Considerations

- Recycling salt wash for brine
 - Purchase additional wing plow for wider plowing using less manpower, equipment and fuel
 - Purchase larger brine tank for greater coverage between re-loads
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Public Information

- News releases sent to media; neighborhood associations
- Broadcast media (including 20+ area radio stations) ready to interrupt programming for storm updates
- Up-to-date storm recordings available at **(309) 494-8830**
- Public Access Channel 22 crawl
 - plowing and parking ban information

Information and Resources

- Social media: regular updates on Facebook @peoriapublicworks and Nexdoor
- City website: peoriagov.org to house storm updates, snow plan and route map
- eAlert signup available online
- Select billboards to post parking ban messaging as needed

File a Peoria Cares uReport

- Multiple ways to reach out
- Choose “one and done” approach
- Multiple points of contact slows the process
- *Callers required to leave contact information and details
- Patience needed



HOW TO FILE A uREPORT:

- City web portal or contact us tab on peoriagov.org
- Via mobile app
- By phone during business hours – [\(309\) 494-2273](tel:3094942273)

Contact Public Works by Phone

- Main Line: (309) 494-8800
- Snow Call Center: (309) 494-8850



ABOUT THE SNOW CALL CENTER:

- Activated during significant storms
- Dedicated staff to answer calls
- Voicemail backup
- Patience needed

Questions?

