

CITY OF ALLENTOWN SNOW EMERGENCY PLAN



**SUBMITTED BY:
PUBLIC WORKS DEPARTMENT**

Established: 1979

Revised: November 2025

Additions or corrections contact Gabrielle.Heiney@allentownpa.gov

WE NEED YOUR HELP!

STATEMENT

The purpose of the City of Allentown's Emergency Operations Plan is to establish a comprehensive emergency management program that ensures a coordinated, efficient, and effective response to emergencies. The plan aims to preserve life, minimize property damage, provide critical assistance during emergencies, and support recovery efforts to restore the community to normal conditions.

PLAN

This plan, along with all references, appendices, and annexes, defines the roles, responsibilities, locations, and procedures necessary to mitigate, prepare for, respond to, and recover from the effects of natural and technological disasters.

This plan will work if each director and each bureau head require every employee under their jurisdiction to be assigned to the snow emergency workforce to:

- BE AWARE OF THE SHIFT IN CHAIN OF COMMAND DURING AN EMERGENCY
- BECOME FAMILIAR WITH THEIR ASSIGNED DUTIES
- COOPERATE FULLY

We're counting on YOU

DECLARATION OF EMERGENCY - PERSONNEL

1. Weather Reporting Service
Senior Meteorologist
AccuWeather
385 Science Park Road
State College, PA 16803

WeatherWorks

2. Weather reports are emailed by the Weather Service to the City Snow Control Center 24 hours per day. The report is then emailed to the following City offices.

- A. Director of Public Works
- B. Mayor's Office
- C. Emergency Management Coordinator
- D. Bureau of Parks
- E. City Garage

Weather reports are emailed to various PW staff by the weather service during Saturdays, Sundays and holidays. These reports are immediately relayed to the Director of Public Works and the City's Emergency Management Coordinator.

3. The Director of Public Works, in conjunction with the Streets Superintendent, Police Chief and the City's Emergency Management Coordinator, determines that a state of snow emergency or emergency exists and reports it to the Mayor.

4. CLASSIFICATION OF SNOW EMERGENCIES

- 1" to 6" - Minor Snow Events - storms of this magnitude handled by Public Works and Parks crews (regular plowing). A Snow Emergency would not be declared.
- 6" to 12" - CLASS 3 - Snow Emergency Plan is activated using two 12-hour shifts. A snow emergency may be declared. -Snow Emergency Routes, if cleared of cars, do not need snow removal efforts - most secondary streets can be plowed open - snow removal efforts are generally confined to two snow blower crews plus two loader crews using priority lists on Pages AA-83 and AA-84 - minimum equipment rentals would include 1 loader for pushing, 2 loaders for loading plus approximately up to 10 trucks - removal efforts around schools will be minimal.
- 12" to 18" - CLASS 2 - Snow Emergency Plan is activated using two 12-hour shifts -some Snow Emergency Routes may need removal (especially Tilghman Street and 15th Street) - some narrow streets may require removal efforts with small crews - additional rental trucks (up to 25) may be required - small rental crews may be needed - removal efforts around schools will be stepped up (schools will probably be closed at

least two days) - additional salt may be required

- over 18" - CLASS 1 - Snow Emergency Plan may be activated prior to the storm - most Snow Emergency Routes will require removal - secondary and narrow streets will require 6-8 small removal crews - help from National Guard may be essential in this area - all-out effort will require minimum rental of 4-6 small crews, two large loaders for pushing, four medium loaders for loading, 30-40 trucks for hauling - removal efforts around schools will be maximum; however, will be delayed several days because school will probably be closed for 3-5 days - additional salt will be required - emergency funding will be essential - Purchasing Agent to be transported to Snow Control Center - National Guard might be contacted.

5. After an emergency has been declared, as per Ordinance, Article #527, the Director of Public Works shall notify the Manpower Coordinators who in turn will contact the people indicated on pages AA-9 through AA-10 of the Snow Emergency Plan.

MANPOWER COORDINATORS

Mark Shahda
Dale Tretter - *alternate*

The snow emergency shall be declared between the hours of 7:00 AM to 11:00 PM and shall go into effect **FOUR HOURS AFTER THE DECLARATION**.

6. Call-In Procedure - Telephone calls announcing the emergency will progress in accordance with Snow Emergency Plan Alert Procedure diagram (See Page AA-8).
7. The Manpower Coordinator shall be responsible to contact all Bureau Managers and alert them of the emergency declaration and request their cooperation in call-in of their respective personnel listed on the "Personnel Reassignment Roster".
8. The Bureau Managers shall immediately proceed to implement their respective Bureau's snow emergency responsibilities as outlined in the Snow Emergency Plan and coordinate their efforts as required with the overall plan (See pages AA-49).
9. Outside agencies to be notified are as follows:

Allentown Parking Authority- 603 W. Linden Street
Oswaldo Tosado

SNOW EMERGENCY CENTER PERSONNEL & OVERVIEW

Bureau of Streets Building
1825 Grammes Road

The Snow Emergency Center will be placed in operation by the Bureau of Streets prior to the declaration of an emergency and will be operated by their personnel on a limited basis until the emergency operations are established. All snow-related operations during the emergency shall be directed through the Emergency Center.

When an emergency is declared, personnel will be assigned to the Snow Center using two methods of operation. The two methods and assignments are as follows:

METHOD I -- TWO 12-HOUR SHIFTS - WORK SCHEDULE:

EQUIPMENT COORDINATORS.....

MANPOWER COORDINATORS

RENTAL EQUIPMENT MONITORS.....

SHUTTLE DRIVER FOR PERSONNEL.....

FLAG PERSONS/REMOVAL.....

POSTING

EOC OPERATORS.....

PUBLICITY.....

RISK & SAFETY MANAGER

POLICE OFFICERS.....

PURCHASING AGENT

The Snow Emergency Center is equipped with telephones, radios and other equipment necessary for providing control of the total Snow Emergency Operation. The public will have direct contact with the Center by dialing the number 610-437-SNOW (610-437-7669) and will be intercepted by a telephone operator, responsible for the telephone lines.

All communications shall be documented on a complaint card (See Page AA-55) which indicates the complaint, date, name, address and telephone number of the complainant. These cards will be catalogued and dispersed by the Shift Supervisor.

The Center is equipped with three remote radios, one for each of Streets, Parks and Inspections frequency. The radios are located so the operators have direct contact with the telephone operators.

An intercommunications system between the radio room and the conference room is operational along with a public address system covering the entire Snow Emergency Center.

The Bureau of Police shall assign an officer with a portable radio to the Center to provide immediate communication with police personnel in the field.

BUREAU RESPONSIBILITY DESCRIPTIONS

BUREAU OF ENGINEERING

BUREAU MANAGER – JOSEPH MILLICK

ALTERNATE – DAVID PETRIK

Upon receiving notice that a snow emergency has been declared, the Bureau of Engineering shall provide the necessary backup engineering and management services for the Department of Public Works as required during the snow emergency and coordinate its efforts in accordance with the requirements of the Snow Emergency Plan.

The Bureau of Engineering will provide the necessary personnel to assist during the snow emergency by providing various services as defined in the Snow Emergency Plan and shall make available, for transportation of personnel, one (1) van and three (3) automobiles.

The Bureau of Engineering shall restrict its normal functions to provide coordination with the snow emergency functions.

BUREAU OF TRAFFIC

TRAFFIC CONTROL SUPERINTENDENT – YEIMY DELGADO

SUPERVISOR – WILLIAM DeLONG

Upon receiving notice that a snow emergency has been declared, the Bureau of Traffic shall coordinate its efforts in accordance with the Snow Emergency Plan.

The Bureau of Traffic shall provide whatever manpower is available for the snow emergency effort. They will also provide two (2) vehicles for use as transportation by the Department of Public Works and (1) truck for use as transportation for the sign posting that will be needed.

The Bureau of Traffic shall provide the necessary "NO PARKING" signs and other traffic control devices as required.

The Bureau of Traffic shall restrict its normal functions to provide coordination with the snow emergency functions.

BUREAU OF STREETS

SIGN POSTING/REMOVAL

SUPERVISOR – JASON HERTZ

ALTERNATE – WILLIAM KUNTZMAN

Immediately upon notification of the declaration of a snow emergency by their respective Bureau Manager, the posting personnel shall proceed to the Bureau of Streets at 1825 Grammes Rd. and report to the supervisor for assignments and instructions.

The sign posting personnel duties are as follows:

1. Post "NO PARKING" signs and/or other traffic control devices as required for the removal of the snow.
2. Remove "NO PARKING" signs on the street where snow has already been removed.
3. On occasion, provide assistance to the snow removal crews by serving as a flagman to provide traffic control in order to protect the operations as well as the motoring public.

SIGN POSTING PERSONNEL

TBD

TBD

TBD

TBD

TBD

Allentown Parking Authority (If Needed)

Surveyors' van, or other city vehicles, shall be used for the posting crews.

BUREAU OF STREETS

SUPERINTENDENT – DALE TRETTER

ALTERNATE – MIGUEL BONILLA
ALTERNATE – MATTHEW HOFFMAN

Upon receiving notice that a snow emergency has been declared, the Bureau of Streets shall establish operation of the Snow Emergency Center and shall organize its equipment and manpower in accordance with the Snow Emergency Plan.

The Bureau of Streets shall be responsible for snow removal operations except for those assigned to other departments and bureaus.

The Bureau of Streets shall restrict its normal functions to provide coordination with the snow emergency functions.

BUREAU OF PARKS MAINTENANCE

DIRECTOR – MANDY TOLINO

PARKS SUPERINTENDENT – CHRISTIAN BIANCO

ALTERNATE – MICHELLE MCGINNISS

Upon receiving notice that a snow emergency has been declared, the Bureau of Parks shall coordinate with the Bureau of Streets and provide equipment and manpower as needed and available.

The Bureau shall restrict its normal functions to provide coordination with the snow emergency function.

Upon receiving notice of a snow event or a snow emergency has been declared, the Bureau of Parks shall organize its manpower and equipment in accordance with the snow emergency plan for snow removal operations for those areas of the Bureau's responsibilities.

The Bureau of Parks shall immediately proceed to remove snow from along sidewalks of the following City properties and bridges as per the Bureau's snow control plan:

[City of Allentown Snow Cleared Sidewalks Map \(arcgis.com\)](http://arcgis.com)

1. 10th St. Cemetery
2. Franklin Park
3. 5th St. Park
4. Jordan Meadows/Gordon St Bridge
5. Boyle
6. Sumner Ave. Walks
7. Ridge & Sumner Ave
8. 7th St. Bridges
9. Keck Triangle Park
10. 15th St. Areas
11. Recycling Department Walks
12. MLK Dr. / Fountain Park Walks
13. 8th St. Bridge
14. 9th and Jackson St. areas
15. Susquehanna St. Bridge
16. Trout Creek Areas
17. Mack Blvd
18. Dixon St./Dixon St Dog Park
19. Mack Pool Areas
20. 12th & Emaus Ave.
21. Downeyflake Bridge
22. West Park
23. Hamilton St. Bridge over the Lehigh
24. Linden St.(Shop to W.Turner)

25. Ott St.
26. Parkway Blvd.
27. Union Terrace Walks
28. Hikers Monument Walks
29. College Heights Islands (3)
30. Art Park (Outside walks only)
31. Irving Park
32. Roosevelt
33. 2nd & Susquehanna
34. Basin St. Areas
35. Lower Trout (Walking Path in Park – Harrison/Auburn St)
36. Lehigh River Eastside Trail
37. Valania
38. Stevens Park
39. 2nd & Hamilton St.
40. Percy Ruhe
41. 5th & Dixon St walk / 5th & Alice
42. Dixon Walk/ Walk over Creek
43. 1200 blk Highland St.
44. Club Ave.
45. Allen St. sidewalks and trail to Wegmans
46. Springhouse Rd Trails (access to Liberty St, Chew St, Springwood & Springhouse)
47. Springhouse Rd. Sidewalk
48. Chew St. Sidewalks
49. Springhouse Rd. Trail
50. Trexler Park - paths inside the park
51. Trexler Park – main lot steps, sidewalks & entrance around the pillars
52. Trexler Park – sidewalks and restrooms
53. Golf Course Main Road.
54. Path Around Club House
55. Upper Parking Lot1. Park Office
56. Walden Terrace
57. Jordan St. to Jute St.
58. 30th & Ithaca St.
59. 8th St Bridge (Both Sides)
60. Bathrooms in the Parkway (3)
61. Lehigh & Jefferson St.
62. MLK Triangle
63. Keck Park Building Entrance
64. Tilghman St. Bridge over the Lehigh River (Both Sides)
65. Tilghman St. S-Bridge over the Jordan Creek (Both Sides)
66. Hamilton St. Bridge over the Lehigh River
67. Union Blvd. Bridge over New England Ave. Bridge (Both Sides)
68. Front St. Bridge
69. Lehigh St. & Wyoming St.
70. Woodward St & Susquehanna St Island
71. Carlisle St. & Hanover Ave Island

72. Hanover Ave & Wahneta St. traffic Island
73. N.E. Island @ N. 15th & Sumner Ave.
74. Golf Course sidewalks and lots
75. Martin Luther King Jr. Dr. Bridge
76. Auburn St. Bridge over Trout Creek
77. Basin Street Bridge over Little Lehigh Creek
78. Recreation Bureau Office
79. S. 10th Street Bridge
80. Lehigh Parkway Bridge
81. Chapel Avenue Bridge
82. Race Street Parking Lot- Hamilton, Race, and Linden Streets
83. American Parkway Bridge
84. Hamilton St. Bridge over Cedar Creek
85. Bucky Boyle sidewalk
86. Rose Garden restroom steps / front walkway
87. Trails at Cedar – West of Ott St.
88. Trails at Cedar – East of Ott St.
89. Bridges around Cedar
90. Parkway Path
91. Iron Bridge to Schmoyer's lot
92. Covered Bridge (both sides)
93. Fish Hatchery & Bridge
94. Jordan Creek Greenway Trail
95. 523 Lehigh St (COA owned property)
96. 4th & Brookdale Island

***** Snow removal done by Clean Team: Hamilton St, 5th to 12th; the Sovereign Building stairs and section of Arts Walk to Symphony Hall, plus the "quadrant" sidewalks at 7th and Hamilton monument*

The Bureau of Parks shall immediately proceed to remove snow from park roadways, parking lots around various buildings and residences, shop lots, etc., as outlined in the Bureau's snow control plan.

The Bureau of Parks shall cooperate and coordinate its efforts with other departments and bureaus of the City relative to the snow emergency operations and, in particular, assist the Bureau of Streets based on conferences with the Manpower Coordinator and Street Superintendent. The Bureau shall restrict its normal functions to provide coordination with the snow emergency functions and immediately proceed to remove snow from streets within District 4 until instructed to assist elsewhere as needed

LIST OF PARKS EQUIPMENT AVAILABLE
FOR EMERGENCY PLOWING & SNOW REMOVAL

Equipment made available to the Streets Bureau for snow plowing and removal:

1. #9232 F-550 Plow and Spreader
2. #9233 F-550 Plow and Spreader
3. #9P002 F-550 Plow and Spreader
4. #9P003 F-550 Plow and Spreader
5. #9P011 F-550 Plow and Spreader
6. #9251 39,000 GVW Plow and Spreader
7. #9P240 39,000 GVW Plow and Spreader
8. #9P225 F-350 Pickup Truck with Plow and Spreader
9. #9P004 F-350 Pickup Truck with Plow and Spreader
10. #9246 GMC 3500 Pickup Truck with Plow and Spreader
11. #9003 GMC 3500 Pickup Truck with Plow and Spreader
12. #9239 F-250 Pickup Truck with Plow and Spreader
13. #9264 Backhoe
14. #9632 Backhoe
15. #7342 Loader
16. #9258 39,000 GVW Plow and Spreader
17. #9019 39,000 GVW Plow and Spreader
18. #9259 F-550 Plow and Spreader
19. #9260 F-550 Plow and Spreader
20. #9014 F-550 Plow and Spreader
21. #9015 F-550 Plow and Spreader

BUREAU OF BUILDING MAINTENANCE

BUREAU MANAGER – NICK GRUBER

OFFICE MANAGER – JOVAN SABA

Upon receiving notice that a snow emergency has been declared, the Bureau of Building Maintenance shall organize its manpower and equipment in accordance with the snow emergency plan for snow plowing and removal operations for those areas of the Bureau's responsibility.

The Bureau of Building Maintenance shall immediately proceed to remove the snow from the following areas:

1. City Hall Complex (sidewalk plus streets)
2. Bridgeworks Complex (sidewalk plus parking lot)
3. 10th Street police station (sidewalks & parking deck)
4. Assist in plowing alleys in District #1 (East Allentown)
5. Assist in plowing at Overlook Park (East Allentown)
6. Fire Academy (sidewalks)

The pieces of equipment to be used for plowing are:

- *1. #Ventrac: 4500 with snow blower & brush (To be used on 10th Street APD parking deck)
- *2. #7B004: F350 4X4 with V Plow
- *3. #7B001: F250 4 x 4 Pickup w/V Plow
- *4. #7B003: F550 Stake Body 4x4 w/Plow
- *5. #7223: GMC3500 4x4 w/V Plow
- *6. #7B002: F250 4 x 4 Pickup w/V Plow
- *7. #7B005: F350 4 x 4 Pickup w/ V Plow

NOTE: *Trucks must be operated by Bureau personnel in case of emergency.

RECYCLING AND SOLID WASTE

BUREAU MANAGER – BRETT STOUT

ALTERNATE – ERIC TROBETSKY

Upon receiving notice that a snow emergency has been declared, the Bureau of Recycling and Solid Waste shall coordinate its efforts in accordance with the Snow Emergency Plan. The Bureau of Recycling and Solid Waste shall restrict its normal functions to provide coordination with the snow emergency functions.

The Bureau of Recycling and Solid Waste shall provide whatever manpower and vehicles are available for the snow emergency operations as listed below.

The Bureau Manager shall instruct any personnel who cannot get to the Snow Center on their own to call the Streets Department (610-437-7638) for transportation. All calls shall be made two hours prior to their scheduled shifts.

The Bureau is responsible for plowing as assigned. The four pickups with plows and operators will be supplied:

1. #7301 Pickup truck w/plow & Spreader
2. #7302 Pickup truck w/plow & Spreader
3. #7323 Pickup truck w/plow & Spreader
4. #7R004 Pickup truck w/plow & Spreader

The Bureau of Recycling and Solid Waste has the following personnel available to the Streets Bureau as needed:

- (8) Class A CDL drivers
- (1) Class B CDL drivers

As listed above, four additional personnel will be assigned to sign posting and one Clerk shall be assigned to Snow Control Phones.

All personnel will be assigned in order of seniority.

The Bureau Manager, Director and Deputy Director of Public Works shall determine any changes to the citywide trash and recycling collection schedule performed by the city's contractor. Appropriate notification to the public shall be coordinated with the Communications Manager for dissemination.

BUREAU OF MUNICIPAL GARAGE

BUREAU CONTACT – JULIO VARGAS

ALTERNATE – SHELBY CAMERON
ALTERNATE – CHAD HANSON

Upon receiving notice that a snow emergency has been declared, the Municipal Garage shall organize its manpower and equipment to provide maintenance and service to City vehicles and equipment necessary for operations during the snow emergency and in accordance with the Snow Emergency Plan.

The Municipal Garage shall coordinate its efforts closely with the Bureau of Streets to assure that all equipment is properly equipped with chains, snowplows, salt and cinder spreaders, etc., and to provide backup service in the event of equipment breakdown.

The Municipal Garage shall restrict its normal functions to provide coordination with the snow emergency functions.

DEPARTMENT OF POLICE

DEPARTMENT HEAD – CHARLES ROCA

ALTERNATE WILL BE ASSIGNED AT TIME OF EMERGENCY

Upon receiving notice that a snow emergency has been declared, the Department of Police shall organize its manpower and equipment in accordance with the Snow Emergency Plan.

The Police Department shall immediately take whatever steps are necessary to enforce Ordinances Articles #527 and #711 relative to parking of vehicles on designated snow routes during a snow emergency and coordinate these activities with the Department of Public Works in the implementation of the snow removal operations.

The Police Department, ten hours after the storm has ended, shall take whatever steps necessary to enforce Ordinance Article #527 for snow being placed in the street and travel lanes.

The Police Department shall also coordinate the Bureau of Traffic in the posting of "No Parking" signs and/or other traffic control devices as required for the snow emergency.

The Police Department shall assign a police officer with a portable radio to the Snow Emergency Center to transmit vital information to other police officers in the field.

The Police Department shall cooperate and coordinate its efforts with other departments and bureaus of the City relative to the snow emergency operations and continue to maintain its normal function.

DEPARTMENT OF FIRE

DEPARTMENT HEAD - FIRE CHIEF EFRAIN AGOSTO

ALTERNATE - DEPUTY FIRE CHIEF CHRISTIAN WILLIAMS

Upon receiving notice that a snow emergency has been declared by the Mayor's office, the Fire Department will immediately initiate the following actions:

1. Install tire chains on all fire vehicles.
2. Install snow plows on three (3) pickup trucks.
3. Additional fire hose (1000 linear feet) shall be placed on the pickup trucks for fire service backup.
4. Pickup trucks shall be dispatched to clear snow from all fire station ramps.
5. Contingent of fire service personnel shall be dispatched to remove snow (shovel) from fire hydrant locations for access.
6. The Fire Department shall provide additional manpower (off duty firemen) as required.

The Fire Department shall maintain its normal function and coordinate with the snow emergency operations as may be necessary.

ALLENTOWN EMERGENCY MANAGEMENT COORDINATOR

EMERGENCY MANAGEMENT COORDINATOR – MATT EHARTH

Upon receiving notice that a snow emergency has been declared by the Mayor's Office, the Emergency Management Coordinator shall make an announcement over all City radio channels that a snow emergency has been declared and also notify the Lehigh County Communications Center via the Hotline that a state of snow emergency exists.

The Emergency Management Coordinator shall maintain their normal function and coordinate with the snow emergency operations as may be necessary.

Once a snow emergency is declared, a CodeRed message will be put out to the Allentown community via that media platform.

PUBLIC RELATIONS

COMMUNICATIONS MANAGER – GENESIS ORTEGA

Upon receiving notice that a snow emergency has been declared, the Public Information Officer shall give notice and advise the general public via radio, television and newspapers of the emergency procedures being taken by the city and inform them of their responsibilities and request their cooperation.

The Public Information Officer shall coordinate their efforts with the Snow Emergency Plan and maintain a close working relationship with the Manpower Coordinator and the activities of the Snow Control Center.

The public should be informed of the following:

1. The declaration of an emergency.
2. Explanation of no parking requirements on designated routes and requirements as spelled out in Ordinance Article XI in addition to special requirements.
3. Request citizen participation in clearing snow from storm sewer drains and fire hydrants.
4. Snow clearance from sidewalks as per Ordinance Article XI.
5. Request to avoid shoveling snow onto streets.
6. Information relative to developments during the snow emergency of the snow emergency operations.
7. Any changes to the trash and recycling collection schedule as approved by city officials.

JOB DESCRIPTION

MANPOWER COORDINATOR

Immediately upon the declaration of the emergency by the Mayor, and a direct order from the Director of Public Works, the Manpower Coordinators shall initiate the organization of the Snow Emergency Plan by calling all Bureau Managers or alternates of their respective bureaus, directing them to proceed to initiate their bureau's effort outlined in the Snow Emergency Plan and communicate any special instructions which would assist to expedite the emergency effort.

The Manpower Coordinators directly report to the Director of Public Works and shall have total responsibility for the coordination of all personnel and operations during all Snow events and Snow Emergencies and shall assure that operating procedures are in accord with the Snow Emergency Plan.

It is the responsibility of the Manpower Coordinators to keep the time records for the personnel working snow control.

MANPOWER COORDINATORS

1. Mark Shahda
2. Dale Tretter

JOB DESCRIPTION

RENTAL EQUIPMENT COORDINATOR

Immediately upon notification of the declaration of a Snow Emergency by their respective Bureau Managers, the Rental Equipment Coordinator shall report to the Snow Emergency Center. He will be responsible for coordinating the hiring and scheduling of the various types of equipment needed to assist the City forces in combating the snow storm.

The coordinator will be responsible for the following:

1. Contact the contractors listed on the Equipment Rental Roster in order to obtain the pieces of equipment required.
2. Arrange for the equipment and operators to report at a designated location so they can be assigned their work schedule and to sign in and out at the beginning and end of each shift.
3. On a day-to-day basis, for the duration of the emergency, maintain all records, time sheets, etc. in order to compute the cost for each piece of equipment used per shift.
4. Handle any and all problems related to breakdowns and reassigning equipment during a particular shift.

EQUIPMENT RENTAL COORDINATOR

1. Kyle Sergeant
2. Adam Fisher

JOB DESCRIPTION

RENTAL EQUIPMENT MONITORS

Immediately upon notification of the declaration of a Snow Emergency by their respective Bureau Managers, the Rental Equipment Monitor shall report to the Snow Emergency Center. He will be responsible for coordinating the various work assignments needed to assist the City in combating the snow storm.

The monitor will be responsible for the following:

1. The Rental Equipment Monitor is to report to the main staging area designated location at the beginning of his or her shift and sign in the equipment which has been assigned for that shift. The monitor shall fill out the log sheet indicating name of contractor/type of equipment (i.e., single axle, 10-wheeler, tri-axle or loader with size bucket). It is important that the monitor identify the unit by either a unit number, license number or some other means of identification. This is needed in order to track the equipment throughout the duration of the operation.
2. On a shift-to-shift basis, for the duration of the emergency, maintain all records, time sheets, etc. in order to compute the cost for each piece of equipment used per shift.
3. Handle any and all problems related to breakdowns and reassigning of equipment during a particular shift.
4. Monitors that help with Flagging during any Snow Emergency operation are required to wear an approved safety vest. Failure to comply will result in disciplinary action.

EQUIPMENT RENTAL MONITORS

Days; 6:30 am - 7:00 pm:

1. TBD
2. TBD
3. TBD
4. TBD
5. TBD

Nights; 6:30 pm - 7:00 am:

1. TBD
2. TBD
3. TBD

POTENTIAL EQUIPMENT RENTALS

NAME, ADDRESS AND PHONE NO.	EQUIPMENT AND DRIVERS AVAILABLE
<i>LISTS OF VENDORS AND AVAILABLE EQUIPMENT WILL BE AVAILABLE ONCE APPROVED THROUGH PURCHASING</i>	

POTENTIAL EQUIPMENT RENTALS

NAME, ADDRESS AND PHONE NO.	EQUIPMENT AND DRIVERS AVAILABLE
<i>LISTS OF VENDORS AND AVAILABLE EQUIPMENT WILL BE AVAILABLE ONCE APPROVED THROUGH PURCHASING</i>	

JOB DESCRIPTION

SHIFT SUPERINTENDENT

Immediately upon notification of the declaration of a snow emergency by the Director of Public Works, the Shift Superintendents shall proceed to coordinate all available manpower and equipment and implement efforts in snow removal operations as outlined in the Snow Emergency Plan.

The Shift Superintendents shall be directly responsible to the Manpower Coordinators and shall have total responsibility for the assignment of manpower and equipment being utilized for the snow removal operations and shall assure that field operations are in accord with the Snow Emergency Plan.

SHIFT SUPERINTENDENT, A.M.

1. Dale Tretter

DISTRICT SUPERVISORS, A.M.

1. Miguel Bonilla
2. Jason Hertz
3. William Kuntzman
4. Christian Simms

SHIFT SUPERINTENDENT, P.M.

1. Matthew Hoffman

DISTRICT SUPERVISORS, P.M.

1. Dennis Barley
2. Benjamin Kirk
3. Jesse Collazo

JOB DESCRIPTION

DISTRICT SUPERVISOR

Immediately upon notification of the declaration of an emergency by the Shift Superintendent, the District Supervisor shall initiate the organization of snow fighting equipment and personnel assigned to their respective district and coordinate the snow removal operations as directed by the Shift Superintendent in accordance with the Snow Emergency Plan.

The District Supervisor shall be responsible to assign the snow fighting equipment and personnel to specific areas within their district and monitor the work accomplished in the field to assure that streets are being plowed open to the prescribed width and that the plowing operations are proceeding as shown on the district maps so that no streets are missed.

The District Supervisor shall follow up on all complaints received by checking them out and taking whatever appropriate action is necessary to resolve them.

The District Supervisor shall report immediately, to the Shift Superintendent, any problems which develop with the equipment and manpower and take the necessary steps to remedy the problem as deemed necessary or as directed by the Shift Superintendent.

The District Supervisor shall assure that the Snow Emergency Center is constantly updated as to the status of the operations in their district and keep appropriate records so that actions can be backed up should problems arise at a later date.

The District Supervisor, at the end of the shift, shall report to the on-coming supervisor as to work completed, status of equipment and whatever other information may be helpful toward continuing smooth operations.

DISTRICT SUPERVISOR

They will be assigned by the Superintendent of streets at time of emergency.

JOB DESCRIPTION

EMERGENCY OPERATIONS CENTER OPERATORS

Immediately upon notification of the declaration of a snow emergency by their respective Bureau Manager, the EOC Operators shall proceed to the Snow Emergency Center and report to the Shift Supervisor for assignment and instructions.

The EOC Operators shall be directly responsible to the Public Works Administrative Manager. Duties shall consist of receiving and dispatching messages and documenting necessary information on a complaint record card (see Page AA-55) and inputting necessary information into the Lucity Work Order system. He/she shall maintain direct contact and coordination with the Telephone Operators and assist in the expedition of complaints and perform related duties as directed by the Shift Supervisor.

To be assigned by the Public Works Administrative Manager

TBD – 7:00 AM

TBD – 7:00 AM

TBD – 7:00 AM

TBD – 7:00 PM

TBD – 7:00 PM

TBD – 7:00 PM

TBD – 3:00 PM – 11:00 PM

TBD – 3:00 PM – 11:30 PM

JOB DESCRIPTION

FLAGMAN

Immediately upon notification of the declaration of a snow emergency by their respective Bureau Manager, the Flagman shall proceed to the Bureau of Streets at 1825 Grammes Road and report to the Shift Superintendent (Street Superintendent) for assignment and instructions.

The Flagman's duties are as follows:

Provide assistance to the snow removal crews by serving as a flagman to provide traffic control in order to protect the operation as well as the motoring public. Proper safety equipment and attire are required. All flag personnel are required to wear an approved safety vest and to have a safety flag. Failure to comply will result in disciplinary action.

FLAGMAN

Allentown Parking Authority

Also use personnel from the Parking Authority and Aux. Police (Van 160 can be used)

LISTING OF ELECTED OFFICIALS

MAYOR..... Matt Tuerk

CITY COUNCIL..... Daryl Hendricks
Candida Affa
CeCe Gerlach
Natalie Santos
Cynthia Mota
Ed Zucal
Santo Napoli

CITY CONTROLLER..... Jeff Glazier

TERMINATION OF EMERGENCY - PROCEDURE

1. The Director of Public Works, in conjunction with the Manpower Coordinator and Street Superintendent, Fire Chief, Police Chief, Cabinet Chairman and Director of Community Development, or their alternates, determines that the snow emergency in effect no longer is necessary and reports same to the Mayor.

Emergency Management Coordinator..... Matt Eharth

Director of Community Development..... Vicky Kistler

Deputy Director Mark Hartney

Director of Admin. & Finance..... Bina Patel

..... Jessica Baraket

Chief of Police Charles Roca

Asst Chief..... James Gress

Chief of Fire Protection..... Efrain Agosto

Deputy Fire Chief Christian Williams

Public Relations..... Genesis Ortega

The Department Director shall notify their respective Bureau Managers that the emergency has been terminated and direct that they cooperate with the Manpower Coordinator during the phase out of the emergency operations.

The Director of Public Works shall immediately inform the following persons upon termination of the emergency and direct that the emergency operation be phased out in an orderly and coordinated manner:

Director of Public Works Mark Shahda

Deputy Director Public Works David Petrik

Street Superintendent..... Dale Tretter

Chief Maintenance Supervisor..... Miguel Bonilla

Chief Maintenance Supervisor..... Matthew Hoffman

Traffic Engineer Yeimy Delgado

2. The Manpower Coordinator shall contact all Bureau Managers and inform them of the termination of the emergency and request their cooperation in the phase out of the operations.
3. The Bureau Managers shall initiate normal bureau operation in a coordinated manner with the Manpower Coordinator.

WEATHER CRITERIA

- Mixed Precipitation

STARTS: 01/31/2021 1:00 PM EST

EXPIRES: 02/02/2021 7:00 AM EST

VALID LOCATIONS

- Allentown

COMMENTS

A long lasting and complex storm will cause snow to spread across the area early Sunday afternoon then snow will continue at varying rates Sunday afternoon and Sunday night into Monday, perhaps mixing with sleet at times. Any mixed precipitation will change back to all snow Monday night before tapering to flurries Tuesday morning.

*NOTE: A brief period of light snow is possible Sunday morning with little to no accumulation.

Precipitation Type:

Periods of Snow. Snow may mix with Sleet.

Total Snow Accumulation:

8-14 inches.

Total Ice Accumulation:

Trace inches.

Snow Probability Potential:

100% chance of 6" or more. 70% chance of 8" or more. 40% chance of 12" or more.
15% chance of 18" or more.

Snow Type: Dry.

Drifting:

Moderate.

Untreated Road Conditions:

Main roads: Snow Covered. Secondary roads: Snow Covered.

Weather Following Storm:

Flurries - Little or No Accumulation. Days above 32/Nights Below 32.

Temperatures:

High today 32. Low Tonight 14. High Sunday 30. Low Sunday night 25. High Monday 29. Low Monday night 26. High Tuesday 34.

Wind:

Northeast increasing to 15-25 mph Sunday night with gusts of 35 mph possible Monday into Monday night.

[Download Forecast PDF](#)

of Allentown

Monday, February 01, 2021 | 02:11

WEATHER ALERT

Snow Continues... Steady snow will continue through the remainder of the day and into this evening, reaching moderate intensity. Additionally, winds will remain strong through tonight which will keep visibility low and lead to blowing snow. There is a low risk for eastern and central portions of the Lehigh Valley to briefly mix with sleet or freezing again this evening though the majority of precip will remain snow. The majority of the remaining snow will fall from now through before we see snow taper off to a lighter intensity during the overnight. Snow will then turn less organized intensity but lingers through the day. Accumulations with periodic light snow are expected through Tuesday (favoring the morning) will remain lighter than today and tonight. Drier conditions look to finally work in for Wednesday morning.

OVERVIEW				
Start Time	End Time	Total	Snow Confidence	
Ongoing	Tuesday 1:00 PM - 4:00 PM	16.0 - 22.0" Snow	12.0 - 16.0"	100%
Heaviest snow falls through this evening	Flurries / snow showers linger later	total snow Sun-Tues	16.0 - 22.0"	55%
			22.0 - 30.0"	35%
MOVEMENT DETAILS	Accumulation	8.0" - 12.0" Snow	First Inch	N/A
	Comments	Additional; blowing and drifting can lead to some variability in depth		

HAZARDS		
Hazard	Threat	Description
Ice	Low	Typical melt / refreeze cycles post storm.
Snowfall Rate	High	1-2"+/hr rates occurring. Rates taper tonight with lighter snow into Tuesday morning.
Blowing Snow	High	Gusty winds will result in blowing and drifting particularly this afternoon / evening.

FORECAST	
Monday	Aside from maybe a few sleet pellets, heavy snow will continue for much of the day. 4.0 - 8.0" of Snow (Additional) High 28 - 32 NE wind 10 - 25 mph, gusts 30 - 35 mph

ARTICLE XI
Snow Routes; Snow Removal

§ 615-33. Definitions. [Amended 1-7-1970 by Ord. No. 11784]

The following words, when used in this article shall, unless the context clearly indicates otherwise, mean or include as follows:

CITY — The City of Allentown.

PERSON — Any natural person, firm, copartnership, association or corporation.

STREET — Every way or place of whatever nature, within the City, open to the use of the public as a matter of right, for purpose of vehicular travel.

VEHICLE — Any device in, upon or by which any person or property is or may be transported or drawn upon a public street.

§ 615-34. Declaration of snow emergency. [Amended 12-1-1970 by Ord. No. 11838; 10-6-1994 by Ord. No. 13283]

- A. In the event weather conditions make it necessary for motor vehicle traffic to be expedited and parking on City streets be prohibited or restricted for snow plowing and other purposes, the Mayor or the Mayor's designated representative shall declare a snow emergency. The declaration of a snow emergency may be made on any of the seven days of the week at anytime between the hours of 7:00 a.m. and 11:00 p.m. Such declaration shall not go into effect until four hours after it has been announced. Once in effect, a prohibition under this section shall remain in effect until terminated by announcement of the Mayor or the Mayor's representative, except that any street area which has become clear of snow and ice from curb to median line for the length of the entire block shall be automatically excluded therefrom. While the prohibition is in effect, no person shall park or allow to remain parked any vehicle on any portion of a snow emergency route.
- B. However, nothing in this section shall be construed to permit parking at any time or place where it is forbidden by any other provision of law.

§ 615-35. Snow emergency routes. [Amended 3-20-1997 by Ord. No. 13557; 12-26-2011 by Ord. No. 14961]

Upon declaration of an emergency and for the duration thereof, parking shall be prohibited on the following streets, except as provided for in § 615-34:

Street	From	To
7th	Union	City line
12th	Green	Tilghman
12th	Hamilton	Walnut
15th	Elm	Mauch Chunk Road
17th	Hamilton	City line

Street	From	To
24th	Hamilton	East Texas Boulevard
Chew	4th	City line
East Hamilton	Carlisle	Aubrey
Emaus Ave	Bradford	Mack Boulevard
Front	North City line	Gordon
Gordon	American Parkway	Front
Hamilton	Front	4th
Hamilton	12th	20th
Hanover Avenue	East Hamilton	City line
Irving	Hanover Avenue	Union Boulevard
Lehigh	Auburn	South 12th
Liberty	17th	19th
North 19th	Liberty	Roth Avenue
North 4th	Gordon	Chew
Oxford Drive	Lehigh	Salisbury Drive
South 10th	Martin Luther King, Jr., Dr.	Wyoming
South 4th	Hamilton	Walnut
South 4th	Priscilla	Susquehanna
South 8th	Walnut	Union
South 8th	Harrison	Susquehanna
St. John	South 8th	Lehigh
Susquehanna	South 4th	City line
Tilghman	Front	30th
Union Boulevard	Irving	Club Avenue
Walnut	South 4th	South 12th

§ 615-36. Prohibited parking. [Amended 1-3-1973 by Ord. No. 11984; 10-6-1994 by Ord. No. 13283]

In the event any street is scheduled by the Mayor, or the Mayor's designated representative, for snow removal, it shall be unlawful for any person to park a vehicle at or failure to remove a vehicle from any place along such street:

- A. Four hours following such posting on all established four-hour-or-less parking meter zones on streets;

- B. Four hours following such posting on all established limited parking zones on streets; and
- C. Six hours following such posting on all other streets.

§ 615-37. Removal of vehicles. [Amended 1-7-1970 by Ord. No. 11784; 10-6-1994 by Ord. No. 13283; 1-7-1999 by Ord. No. 13727]

Any vehicle parked in violation of the provisions of this article may be removed by any member of the Police Bureau, their designee, or a designated Allentown Parking Authority personnel. Any vehicle removed may be towed to and placed at any area designated by the Mayor or his duly designated representative for impounding of vehicles. All costs for removal, towing, storage or parking of any vehicle removed under the provisions of this section shall be paid by the owner of the vehicle and the vehicle shall remain impounded until all costs are paid.

§ 615-38. Snow removal. [Amended 1-7-1970 by Ord. No. 11784; 10-6-1994 by Ord. No. 13283]

- A. No person shall remove snow or ice from private property and put, place, deposit or cause to be put, placed or deposited snow or ice so removed upon the right-of-way of any street.
- B. No person shall remove or cause to be removed snow or ice from any sidewalk or footway and put, place, deposit or cause to be put, placed or deposited snow or ice so removed upon that portion of the street normally used for the travel of vehicles.
- C. This section shall not be in force and effect in areas where curbside parking is prohibited or there is no available private property upon which to put, place or deposit snow or ice so removed.

§ 615-39. Violations and penalties for snow removal provisions. [Amended 6-6-1985 by Ord. No. 12658; 8-5-1987 by Ord. No. 12784]

- A. Any police officer or other duly authorized Parking Authority employee shall place on motor vehicles/conveyances parked in violation of the provisions of § 615-34, Declaration of snow emergency, and § 615-36, Prohibited parking, a notice of said violation. **[Amended 12-1-1993 by Ord. No. 13227; 10-6-1994 by Ord. No. 13283]**
 - (1) Each such owner or operator may, within 10 days of the time when such notice was attached to his motor vehicle/conveyance, pay as a penalty and in full satisfaction of each violation the sum of \$35. **[Amended 4-9-2001 by Ord. No. 13901]**
 - (2) Each such owner or operator may, from the 11th to the 20th day of the time when such notice was attached to his motor vehicle/conveyance, pay as a penalty and in full consideration of each violation the sum of \$50.
 - (3) Failure of the owner or operator to make payment after 20 days shall make the owner or operator subject to a penalty not to exceed \$100. **[Amended 4-9-2001 by Ord. No. 13901; 5-3-2023 by Ord. No. 15898]**
- B. Whoever violates § 615-38A, Snow removal, shall, upon conviction thereof, pay a fine or penalty of not less than \$25 nor more than \$300 and costs. **[Amended 10-6-1994 by Ord.**

No. 13283; 5-3-2023 by Ord. No. 15898]

- C. Whoever violates § 615-38B, Snow removal, shall, upon conviction thereof, pay a fine or penalty of \$100 and costs.¹ **[Amended 10-6-1994 by Ord. No. 13283; 5-3-2023 by Ord. No. 15898]**

1. Editor's Note: Original Art. 528, Prohibiting Use of Mobile Telephones by Persons Operating Vehicles, as added 3-9-2010 by Ord. No. 14782, which immediately followed this section, was repealed at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

Cul-de-sacs

	<u>District</u>	<u>Street</u>	<u>Description</u>
1.	2....	Walnut Lane	
2.	3....	St. George Street ...	Off of 18th Street
3.	4....	Elm Court	West of Arch Street
4.	4.....	Evening Star Ter.....	North of 36th Street
5.	4.....	Aster Court.....	North of 36th Street
6.	4.....	Park Vista Ter.....	North of 36th Street
7.	4.....	N. 36th Court.....	West of Chew Street
8.	4.....	Springwood Dr.....	West of Chew Street
9.	4.....	N. 37th Court.....	West of Chew Street
10.	4.....	Chew Street.....	West of Aster Street
11.	4.....	38th Street.....	East of Benner Road
12.	4.....	Dorset Road.....	East of Washington Street
13.	4.....	Washington St.....	South of Dorset Road
14.	4.....	Dorset Courts(2).....	North of Dorset Road
15.	4.....	N. 38th St.....	North of Benner Road
16.	5....	Huron Street.....	Mountain Lane North
17.	5....	Mountain Circle	Off of Ithaca
18.	5....	Howard Street	South of Emaus Avenue
19.	5....	Cul-de-sac.....	Off of S. Carbon Street
20.	5....	Cul-de-sac.....	Off of S. Lumber Street
21.	5....	Margaret Circle.....	Off of S. 6th Street
22.	5....	Clifford Circle.....	Off of S. 6th Street
23.	5....	Johnston Street.....	Off of Ivy Street
24.	5.....	Front Street.....	Off of Coleman Street
25.	5....	Woodcrest Circle....	Off of S. Bradford Street
26.	5....	Cul-de-sac.....	At end of S. Bradford Street
27.	5....	Vine Street	Off of S. Law Street
28.	5....	Barner Street.....	Off of S. Law Street
29.	5....	S. Hall Street.....	Off of Dixon Street
30.	5....	Mitchell Avenue.....	South of 26th Street S.W.
31.	5....	Sesqui Street.....	South of S. 12th Street
32.	5....	Armour Court.....	East of Armour Street
33.	6....	Grace Street S.W.	
34.	6....	Holly Circle	Off of 31st Street S.W.
35.	6....	Liberator Circle	
36.	6....	Lynnwood Road	North of Grammes Road
37.	6....	Moravian Avenue ...	26th and Glenwood Streets
38.	6....	32nd Street S.W.....	Just North of Hillcrest Avenue
39.	6....	28th Street S.W.....	Off Industrial Avenue

OVERTIME & CALL OUT PROCEDURE FOR EMERGENCIES

Saturday, Sunday, and Holiday call out will be based on Bureau Seniority with the exception of the months when the three shift work schedule is in effect. During that time the following call out schedule will be followed. This is to assure proper coverage for all work shifts.

3:00 AM to 11:00 AM --- Call DAYSHIFT

11:00 AM to 7:00 PM --- Call MIDDLE SHIFT

7:00 PM to 3:00 AM --- Call NIGHT SHIFT

All personnel called during an emergency situation are required to report to work as requested.

Regular work day overtime is based on the following:

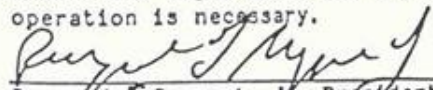
3:30 PM to 7:00 PM --- Extend DAY SHIFT

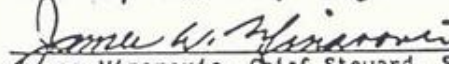
7:00 PM to 11:00 PM --- Call NIGHT SHIFT

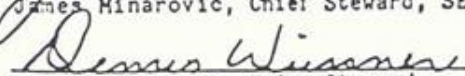
11:00 PM to 3:00 AM --- Extend MIDDLE SHIFT

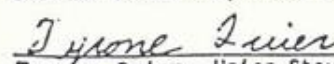
3:00 AM to 7:00 AM --- Call DAY SHIFT

Middle and night shift are combined if a two shift operation is necessary.

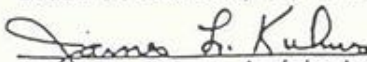

Raymond F. Reppert, Jr. President, SEIU, Local 346


James Minarovic, Chief Steward, SEIU, Local 346


Dennis Wiessner, Union Steward


Tyrone Quier, Union Steward


Louis F. Guerino, Superintendent/Streets


James L. Kuhns, Assistant Superintendent/Streets

January 17, 1986

STREETS POSTED FOR SNOW REMOVAL			
DATE POSTED:			
POSTED FOR REMOVAL			
LOCATION	TIME POSTED	LOCATION COMPLETED	SIGNS REMOVED

Streets must be posted at least 6 hours before signs are to take effect.

Complaint Record Notes:

- In cases of medical emergencies, residents should contact the Comm Center first; The Comm Center will call for plowing assistance when need
- Requests for missed Alley will not be taken until 24-hrs AFTER the snow event has ended
- If a resident is having a fuel delivery or medical transport, the fuel company or medical office will need to call to ask for plowing for their delivery/pick-up.

TRUCK RENTALS

[illegible]

HEAVY EQUIPMENT RENTALS

[illegible]

Q - GRADER
D - BACKHOE
SD - SNOW BLOWER

CODE: P - PLOW
H - HAULING
L - LOADER

SECRET COMPLETED BY: _____

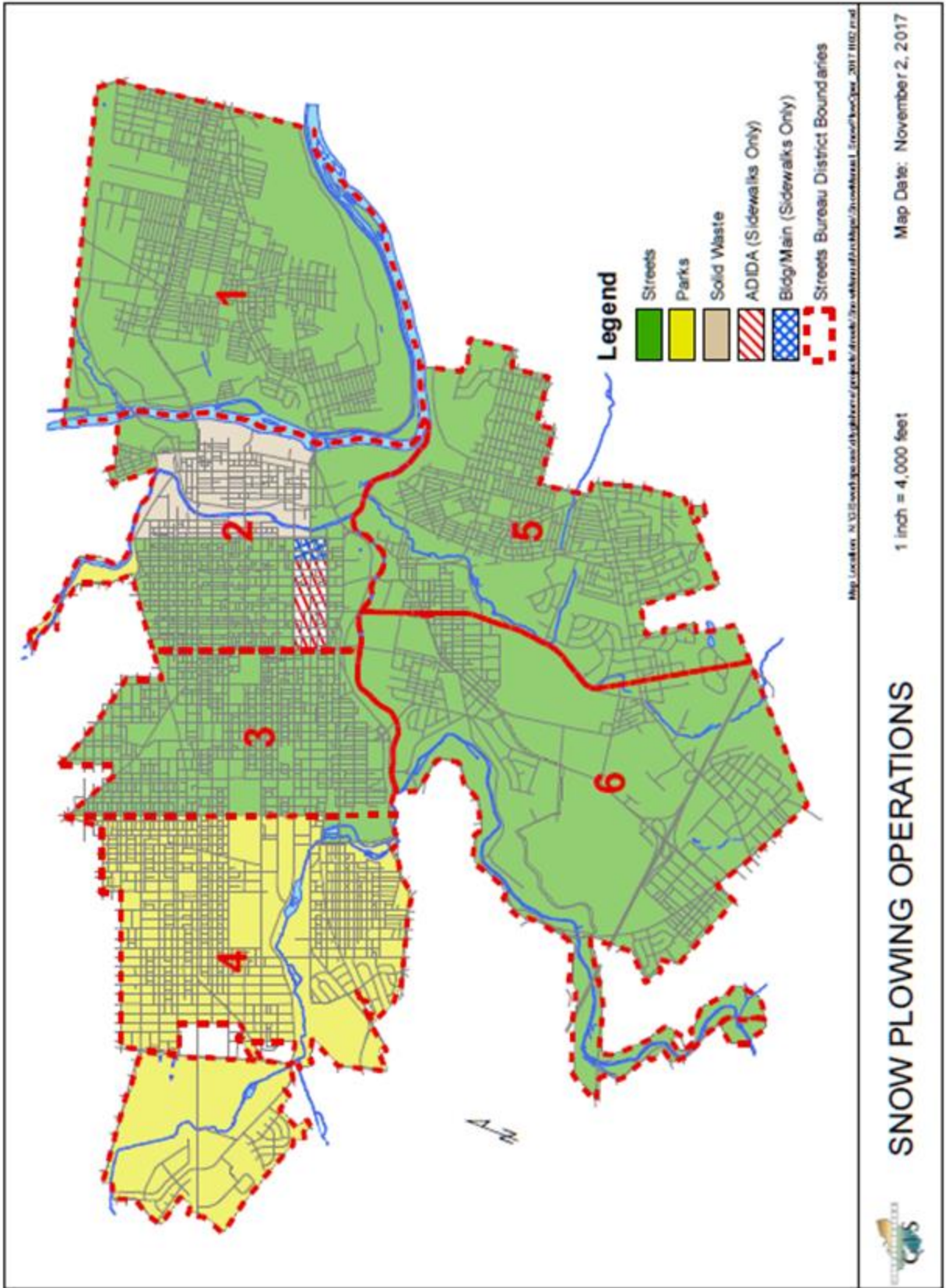
DATE: _____

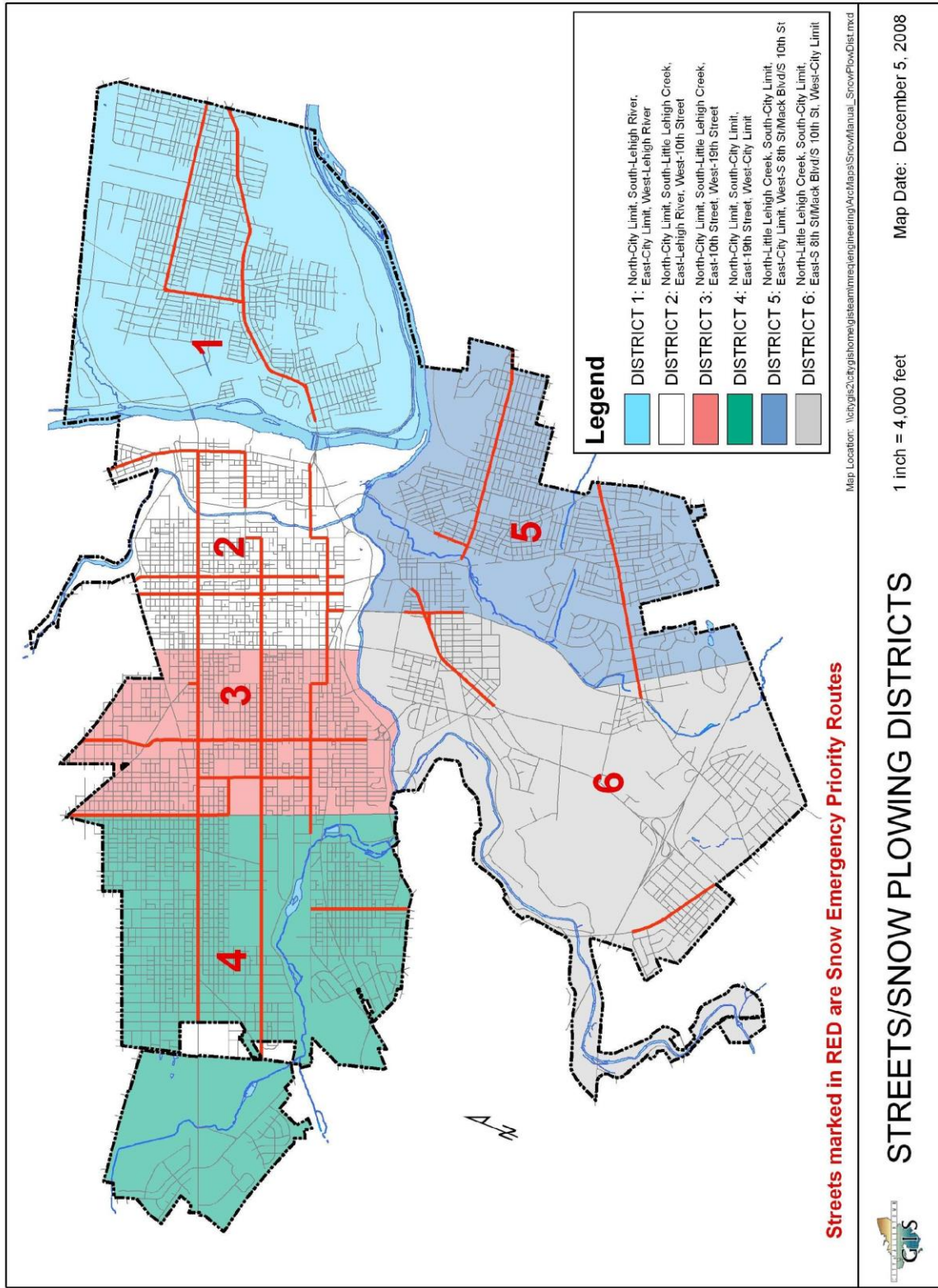
POSTED SNOW EMERGENCY ROUTES

<u>STREET</u>	<u>FROM</u>	<u>TO</u>
Chew St.	4th St.	City Line
South 8th St.	Walnut St.	Union St.
South 8th St.	Harrison St.	Susquehanna St.
Emaus Ave.	Bradford St.	Mack Blvd.
15th St.	Elm St.	Mauch Chunk Rd.
North 4th St.	Gordon St.	Chew St.
South 4th St.	Hamilton St.	Walnut St.
South 4th St.	Priscilla St.	Susquehanna St.
Front St. / Fullerton Ave	North of City Line	Gordon St.
Gordon St.	American Pkwy.	Front St.
E. Hamilton St.	Carlisle St.	Aubrey St.
Hamilton St.	Front St.	4th St.
Hamilton St.	12th St.	20th St.
Hanover Ave.	E. Hamilton St.	City Line
Irving St.	Hanover Ave.	Union Blvd.
Lehigh St.	Auburn St.	S. 12th St.
Liberty St.	17th St.	19th St.
N. 19th St.	Liberty St.	Roth Ave.
Oxford Dr.	Lehigh St.	Salisbury Dr.
7th St.	Union St.	City Line

POSTED SNOW EMERGENCY ROUTES-continued

<u>STREET</u>	<u>FROM</u>	 <u>TO</u>
17th St.	Hamilton St.	 Tilghman St.
6th St.	Union St.	 City Line
Susquehanna St.	S. 4th St.	 City Line
Tilghman St.	Front St.	 30th St.
12th St.	Green St.	 Tilghman St.
12th St.	Hamilton St.	 Walnut St.
24th St.	Hamilton St.	 E. Texas Blvd.
Union Blvd.	Irving St.	 Club Ave.
Walnut St.	S. 4th St.	 S. 12th St.
St. John St.	S. 8th St.	 Lehigh St.





PLOWING & SALTING

DISTRICT 1A

Hanover Ave. - Club Ave. to Front St.
Club Ave. – Hanover Ave. to Union Blvd.
Carlisle St. - Hamilton St. to River Road
E. Hamilton St. - Front St. to Jerome St.
Irving St. - E. Hamilton St. to Union Blvd.
Jerome St. - Hanover Ave. to Elm St.
Graham St. - Hanover Ave. to Union Blvd.
Maxwell St. - Turner St. to Union Blvd.
Plymouth St. - Hanover Ave. to Union Blvd.
Fenwick St. - Tilghman St to Union Blvd.
Ellsworth St. – Union Blvd. to Fenwick St.
River Road - Carlisle St. East to City Line

DISTRICT 1B

Union Blvd. - Club Ave. to Front St.
Club Ave. - Union Blvd. to Columbia St.
Dauphin St. - Union Blvd. to Lloyd St.
Business Park – Off Dauphin St.
Airport Rd. - Union Blvd. to City Line
American Parkway - Front St. to Nelson St.
Columbia St. - Nelson St. to Plymouth St.
Irving St. - Union Blvd. to Underpass
Fenwick St. - Union Blvd. to North of Congress St.
Graham St. - Union Blvd. to North of Congress St.
Congress St. - Plymouth St. to Irving St.
Maxwell St. - Union Blvd. to Congress St.
Plymouth St. - Union Blvd. to Columbia St.
Sherman St. - Hanover Ave. to E. Columbia St.
Columbia St. - Sherman St. to Club Ave.

NEW SECONDARY STREETS DISTRICT #1

Ellsworth St. - Washington Crossing to Fairview St.
Fairview St. - Ellsworth St. to Dauphin St.
Highland St. – Irving St. to North of Fenwick St.
Congress St. Fenwick St. to Godfrey St.
Overlook Park

PLOWING & SALTING

DISTRICT 2A

Hamilton St. - 10th St. to Bradford St.
Union St. - Bradford St. to Lehigh St.
Walnut St. - 4th St. to 10th St.
Walnut Lane - 4th East to Dead End
Martin Luther King Jr Drive - 15th St. to 3rd St.
Linden St. - Front St. to 10th St.
Gordon St. - Front St. to 10th St.
Turner St. - 10th St. to Jordan St.
Chew St. - Jordan St. to 10th St.
Liberty St. - 10th St. to Meadow St.
Allen St. - Meadow St. to 10th St.
Washington St. - 10th St. to Meadow St.
Greenleaf St. - Meadow St. to New St.

SECONDARY

East and West intersections & hills in the
1st and 6th Wards not previously covered

DISTRICT 2B

8th St. - Union St. to Sumner Ave.
7th St. - Bridge to Union St.
6th St. - Union St. to Sumner Ave.
9th St. - Sumner Ave. to Jackson St.
10th St. - Jackson St. to Greenleaf St.
5th St. - Sumner Ave. to Union St.
4th St. - Union St. to 4th St. Bridge
Tilghman St. - 10th St. to Front St.
American Parkway N.E. - Union St. to Front St.
Front St. - Tilghman St. to Sumner Ave.
Bridge St. - Front St. to Ridge Ave.
Ridge Ave. - Bridge St. to Linden St.
Riverside Dr – Linden to Fullerton Ave
Front St. - Hamilton St. to Tilghman St.
2nd St. - Tilghman St. to Union St.
Jordan St. - Whitehall St. to Turner St.

SECONDARY

North & South intersections & hills in the
1st and 6th Wards not previously covered

DISTRICT 2C

Penn St. - Walnut St. to Linden St.
Court St. - 4th St. to 6th St.
College St. - 4th St. to Court St.
Chew St. - 5th St. to 4th St.
4th St. - Chew St. to Gordon St.
9th Street Loop
10th St. - Walnut St. to Union St.
Spring Garden St. - 10th St. to 12th St.
Green St. - Meadow St. to 10th St.
Cedar St. - 3rd St. to 10th St.
Whitehall St. - Meadow St. to 8th St.
All Half Streets in the Hamilton St. Mall Area

PLOWING & SALTING

DISTRICT 2D - Streets

Walnut St (Union to 3rd)
Race St (Hamilton to Chestnut)
Chestnut St (Race east to Dead end)
Court St (Race west to dead end)
Turner St (Railroad to 3rd)
Chew St (3rd to Front)
Liberty St (East to Brick St at dead end to west of 3rd St at dead end)
3rd St (Court to scrap yard waste)
Allen St (Bryan to east of Brick St at dead end)
Green St (Railroad to 2nd)
2nd St (Green to Tilghman)
Furnace St (Ridge Ave to Bridge St)
Bridge St (Furnace to Front)
Cedar St (Front to Ivy)
Ivy St (Cedar to Kurtz)
Kurtz St (Ivy to Front)
Catasauqua Ave (Front to City line)
Lincoln St (Catasauqua Ave to Ridge Ave)
Ridge Ave (Sumner Ave to Front St)
Dale St (Catasauqua Ave to Ridge Ave)

DISTRICT 2D – Alleys

Ideal St (Ridge Ave to Fullerton Ave)
Lewis St (Ideal to Jordan Dr)
Ivy/Fern St (Catasauqua Ave to North of Lincoln)
Ivy St (Dale to North of Lincoln St)
Center St (Ivy to Fern)
Cherry St (Catasauqua Ave to dead end)
Cherry St (Ivy to Lewis)
Clay St (Front west to dead end)
Bridge St (Front to Ridge Ave)
Green St (2nd to Bryan St)
Bryan St (Green to James St)
James St (Bryan to Railroad)
George St (Green to Furnace)
Brick St (Furnace to Liberty)
Sycamore St (East of Brick St at dead end to Ridge Ave)
George St (Allen to Tilghman)
Railroad St (Furnace to Linden)
Limestone St (Chew to Liberty)
Mulberry St (Front to Limestone)
Pump Place (Front of East of River)
Pine St (Front to Railroad)
Oak St (Railroad to 2nd)
Chestnut St (3rd to Railroad)
Wood St (Chestnut to Hamilton)
Railroad St (Hamilton to Court)
Court St (Railroad to 3rd St)
Bryan St (Court to Tilghman)
Spruce St (Tilghman to Sheridan Elementary)
Grant St (Tilghman to Turner St)
Spruce St (Turner to Liberty)
Pine St (2nd to Grant)

PLOWING & SALTING

DISTRICT 3A

15th St. - South St. North to City Limits (Underpass)
Roth Ave. - Green St. to 19th St.
Tilghman St. - 10th St. to 19th St.
19th St. - Liberty St. to City Line
17th St. - Congress St. to South St.
Jefferson St. - Lawrence St. to Union St.
12th St. - Walnut St. to Highland St.
13th St. - Tremont St. to Fairview St.
Fairview St. - 13th St. to 15th St.
16th St. - Elm St. to Linden St.
11th St. - Spring Garden St. to Chew St.
14th St. - Elm St. to Sumner Ave.
18th St. - Union St. to South St.
18th St. - Liberty St. to Roth Ave.
18th St. - Chew St. to Walnut St.

DISTRICT 3B

Martin Luther King Jr Drive - 15th St. to Walnut St.
Hamilton St. - 10th St. to 19th St.
Union St. - 10th St. to St. Elmo St.
Walnut St. - 10th St. to St. Elmo St.
Linden St. - 10th St. to 19th St.
19th St. - Walnut St. to Chew St.
Turner St. - 19th St. to 10th St.
Chew St. - 10th St. to 19th St.
Gordon St. - 12th St. to 17th St.
Liberty St. - 10th St. to 19th St.
Allen St. - 10th St. to 19th St.
Washington St. - 10th St. to 13th St.
Sumner Ave. - 18th St. to American Parkway
Greenleaf St. - 12th St. to Roth Ave.
Highland St. - 12th St. to 19th St.
American Parkway - Ridge Ave. to Union St

PLOWING & SALTING - (PICK UP TRUCK)

DISTRICT 3C PICK-UP

Tremont St. - 15th St. to 16th St.
Tremont St. - 19th St. to 17th St.
Congress St. - 18th to 19th St.
Woodlawn St. - 18th to 19th St.
Fulton St. - Sumner Ave to Elm St.
Whitehall St. - 19th to 18th St.
Cedar St. - 19th to 17th St.
West St. - Washington to Allen St.
West St. - Gordon to South St.
St. George St. - Tilghman to Maple St.
St. George St. - Hickory to Fairview St
St. George St. - Cul-de-Sac off Elm St.
Jefferson St. - Liberty to Carey St.
Jefferson St. - Gordon St. to Martin Luther King Jr Drive
Franklin St. - Green St to Martin Luther King Jr Drive
Howard St. - Tilghman to Liberty St.
Howard St. - Chew to Spring Garden St.
Poplar St. - Tilghman to Liberty St.
Poplar St. - Chew to Linden St.
Poplar St. - Edison to Court St.
Poplar St. - Hamilton to Union St.
New St. - Sumner Ave to Liberty St
New St. - Sumner Ave to Liberty St
Fountain St. - Sumner Ave to Cedar St.
Fountain St. - Washington to Jackson St.

DISTRICT 3C PICK-UP

Spring Garden St (Jackson St to 12th St)
S 10th St hill (Union St to Walnut St)
Howard St (Spring Garden to Hamilton)
Howard St (Court to Chew)
Poplar St (Union to Hamilton)
Poplar St (Linden to Chew)
Blank St (Hickory to Union)
Jefferson St (Union to Gordon)
Madison St (Winton to Chew)
Franklin St (MLK to Chew)
Fulton St (Elm to Linden)
West St (South to Gordon)
St Cloud (Linden to South)
Robin Rd (17th St to St Cloud)
Elm Ct (Bird to Circle)
St George St (Fairview to Hickory)
Hickory St (St George to Union St)
St George St (Maple to Chew)

PLOWING & SALTING - (PICK UP TRUCK)

DISTRICT 3C - ALLEYS

Buffalo St (Walnut to Maple)
Maple St (19th to 18th)
Bird St (Maple to Dead end)
Webster St (18th to Buffalo)
Buffalo St (Webster to Newton)
Newton St (19th to 18th)
Bird St (Newton to Webster)
Russell St (19th to Buffalo)
Buffalo St (Russell to Emmett)
Emmett St (19th to St. Cloud)
Russell St (18th to St Cloud)
St Cloud St (Turner to Chew)
Emmett St (17th St to Lynn St)
Oak St (12th to 10th St)
Peach St (Chew to Turner)
Russell St (11th to 17th St)
Webster St (17th St to Baxter)
Baxter St (Webster to Newton)
Newton St (Baxter to Cable)
Cable St (Newton to Webster)
Newton St (Dead end west of 15th St to Blank)
Webster St (Richland to dead end)
Webster St (12th to Amanda)
Amanda St (Webster to Newton)
Newton St (Amanda to 12th St)
Chestnut St (12th to 10th)
Peach St (Chestnut to Turner)
Peach St (Court to Linden)
Court St (10th to Fulton)
Court St (16th St to 18th St)
Maple St (St Cloud to West St)
Maple St (15th to 10th St)
Hickory St (12th to Fulton St)
Milton St (Union to Hickory St)
Hickory St (Milton to St Cloud St)

PLOWING & SALTING - (PICK UP TRUCK)

DISTRICT 3 D PICK-UP

Poplar St (Liberty to North)
North St (Poplar to 10th)
Warren St (Poplar to 11th)
Howard St (North to Tilghman)
Poplar St (Liberty to Tilghman)
Jefferson St (Liberty to Carey)
Carey St (Jefferson to Roth Ave)
Madison St (Green to Utica)
Madison St (Allen to Chew)
Franklin St (Chew to Early)
Fulton St (Washington to Turner)
West St (Allen to Washington)
St Cloud St (Tilghman to Liberty)
St George St (Liberty to Tilghman)

DISTRICT 3 D – ALLEYS

Utica St (19th to 18th St)
Page St (18th to 19th)
Andrew St (19th to St Cloud)
Early St (St Cloud to 19th)
Buffalo St (Early to Andrew)
Bird St (Andrew to Early)
Page St (17th to Fulton)
Utica St (Fulton to Cable)
Cable St (Utica to Page)
Utica St (15th to 10th)
Page St (Plum to Mercer)
Mercer St (Page to Early)
Early St (Mercer to Plum)
Andrew St (Plum to 12th St)
Andrew St (Jefferson to 14th)
Early St (Mercer to 6th)
Andrew St (16th to Rush)
Warren St (Madison to 16th)
Scott St (15th to 13th)
Wayne St (12th to West St)
Monroe St (12th to West St)

PLOWING & SALTING - (PICK UP TRUCK)

DISTRICT 3 E PICK-UP

Franklin St (Tilghman to Green)
Ralph St (Green to Tilghman)
Green St (15th to 10th)
Cedar St (10th to 12th)
Whitehall St (Poplar to 14th)
Tremont St (14th to 12th)
Congress St (13th to 19th)
Woodlawn St (19th to Roth Ave)
Woodlawn St (Baxter to Mauch Chunk)
Tremont St (15th to 19th)
Whitehall St (19th to 16th)
Cedar St (16th to 19th)
Green St (19th to 17th)

DISTRICT 3 E – ALLEYS

Buffalo St (Tilghman to Roth Ave)
Bird St (Lilly to Carrott)
Bird St (Green to Tilghman)
Barclay St (Tilghman to Green)
Beaver St (Washington to Whitehall)
Beaver St (Livingston to Penn)
Barclay St (Congress to Washington)
Cable St (Cedar to Highland)
Baxter St (Livingston to Greenleaf)
Milton St (Tremont to Highland)
Rush St (Highland to Fairmont)
Ralph St (Pennsylvania to Highland)
Clinton St (Congress to Greenleaf)
Mercer St (Greenleaf to Roth Ave)
Mercer St (Whitehall to Livingston St)
Mercer St (Tremont to Highland)
Richland St (Livingston to Sumner Ave)
Kurtz St (Sumner Ave to Richland)
Blank St (Greenleaf to Livingston)

PLOWING & SALTING

DISTRICT 4A

Hamilton St. - 19th St. to City Limits
College Drive - Hamilton Blvd. to East Texas Blvd.
East Texas Blvd. - College Dr. to 24th St.
Martin Luther King Jr Drive - 24th St. to 15th St.
24th St. - East Texas Blvd. to Hamilton St.
Ott St. - East Texas Blvd. to Parkway Blvd.
Parkway Blvd. - 19th St. to City Line
Reading Rd. - 24th St. to St. Elmo St.
Union St. - St. Elmo St. to 24th St.
Walnut St. - 24th St. to St. Elmo St.
St. Elmo St. - Reading Rd. to Union St.
Mosser St. - Lawrence St. to 24th St.
23rd St. - Hamilton St. to Union St.

DISTRICT 4B

Tilghman St. - 19th St. to City Limits
Chew St. - City Limits to 19th St.
College Heights Blvd. - 31st St. to Tilghman St.
Turner St. - 19th St. to Parkway Blvd.
Ott St. - Parkway Blvd. to Highland St.
Highland St. - 19th St. to Cedar Crest Blvd.
Liberty St. - 19th St. to 30th St.
Allen St. - 30th St. to 19th St.
22nd St. - Pennsylvania St. to Parkway Blvd.
Springhouse Road - Parkway Blvd. North to City Line

NEW SECONDARY STREETS - DISTRICT 4

Cedar Creek Blvd. - South St. to Elm St.
Trexler Estates - North & South of Tilghman St

PLOWING & SALTING

DISTRICT 5A

Area directly in front of Hi-Way Superette on S 5th St.
Susquehanna St. - S. 4th St. to Gilmore St.
S. 5th St. - St. John St. to Auburn St.
Auburn St. - S. 5th St. to Lehigh St.
Lehigh St. - Auburn St. to Union St.
Lehigh St. - Auburn St. to St. John St.
St. John St. - Lehigh St. to S. 5th St.
S. 6th St. - Auburn St. to St. John St.
S. 8th St. - From Underpass Across 8th St. Bridge
Union St. - 8th St. to Lehigh St.
Wyoming St. - Jefferson St. to Lehigh St.
S. 10th St. - Wyoming St. to Martin Luther King Jr Drive
E. Wyoming St. - S. Front St. to S. Albert St.
Juniata St. - Lehigh St. to S. 8th St.
Constitution Drive - Susquehanna St. North to City Line

DISTRICT 5B

S. 4th St. - Susquehanna St. to Normandy St.
Basin St. - Susquehanna St. to Union St.
S. Filmore St. - Susquehanna St. to Basin St.
Woodward St. - Susquehanna St. to Basin St.
S. 5th St. - S. 4th St. to Emaus Ave.
Dixon St. - S. 5th St. to Mack Blvd.
S. Law St. - Emaus Ave. to Normandy St.
Normandy St. - S. Law St. to S. 4th St.
Mountain Rd. - S. 4th St. to Last House E. of S. Albert St.
S. Albert St. - Mountain Rd. to Susquehanna St.
S. 2nd St. - Susquehanna St. to Chapel Ave.
Chapel Ave. - S. 4th St. to Emaus Ave.
E. Lexington St. - S. Albert St. to Gilmore St.
S. Carlisle St. - Susquehanna St. to E. Lynnwood St.

NEW SECONDARY STREETS - DISTRICT 5

E. Wyoming St. - S. Front St. to S. Albert St.
Ivy St. - E. Wyoming St. to Chester St.
Armour St. - E. Wyoming St. to Chester St.
All of Penn Square Area
All of Villas at South Mountain- Wood St., Front St. and Coleman St.

PLOWING & SALTING

DISTRICT 6

S. Jefferson St. - Lehigh St. to Martin Luther King Jr Dr

Lehigh St. - Jefferson St. to Oxford Dr.

Oxford Dr. - Lehigh St. to Parkway North

Devonshire Rd. - Oxford Dr. West to City Line

Lehigh St. - 31st St. to S. 8th St.

31st St. - Lehigh St. to Emaus Ave.

Emaus Ave. - 31st St. to S. Bradford St.

28th St. - Emaus Ave. to Mitchell Ave.

28th St. - Emaus Ave. South to Dead End

Mitchell Ave. - 28th St. to Entrance to Shopping Center

29th St. - Emaus Ave. to Mitchell Ave.

S. 12th St. - Emaus Ave. to Lehigh St.

Mack Blvd. - Erie St. to 8th St. Underpass

Menges Ave. - Emaus Ave. to S. 12th St.

Devonshire Rd. - Mack Blvd. to Lehigh St.

S.W. 28th St. - Lehigh St. to Industrial Ave.

Industrial Ave. - S.W. 28th St. to S.W. 31st St.

S.W. 29th St. - Lehigh St. to Industrial Ave.

Parkway East - Lawrence St. to Wyoming St.

LIQUID ANTI-ICING (SOUTH & EAST)
30.1 MILES

WYOMING ST. - LEHIGH PARKWAY E. TO 5TH ST. (1.1)
12TH ST. - LEHIGH ST. TO EMAUS AVE. (1.1)
EMAUS AVE. - 31ST ST. TO S. ALBERT ST. (2.6)
S. ALBERT ST. - EMAUS AVE. TO MOUNTAIN RD. (.4)
MOUNTAIN RD. - S. ALBERT ST. TO 4TH ST. (.2)
NORMANDY/LAW ST. - S. 4TH ST. TO EMAUS AVE. (.6)
MACK BLVD. - EMAUS AVE. TO 8TH ST. UNDERPASS (1.0)
LEHIGH ST. - 31ST ST. TO ST. JOHN ST. (2.6)
ST. JOHN ST. - LEHIGH ST. TO S. 5TH ST. (.3)
SUSQUEHANNA ST./5TH ST. - GILMORE ST. TO AUBURN ST. (1.6)
LEHIGH ST. - UNION ST. TO ST. JOHN ST. (.8)
WASTEWATER TREATMENT PLANT (1.3)
S. 10TH ST. - M.L.K. DR. TO WYOMING ST. (.6)
BASIN ST./S. 4TH ST. - UNION ST. TO CITY LINE (2.6)
UNION ST./HAMILTON ST. BRIDGE/HANOVER AVE. - AMER. PKY. TO CLUB AVE. (2.8)
CARLISLE ST. - HANOVER AVE. TO RIVER RD. (.5)
E. HAMILTON ST. - CARLISLE ST. TO JEROME ST. (.7)
JEROME ST. - HANOVER AVE. SOUTH TO TOP OF HILL (.6)
DAUPHIN ST. - HAMILTON ST. TO FAIRVIEW (.2)
DAUPHIN ST. - HANOVER AVE. TO UNION BLVD. (.8)
ALLEN ST. - DAUPHIN ST. TO BRADFORD ST. (.1)
BRADFORD ST. - ALLEN ST. TO DAUPHIN ST. (.3)
DAUPHIN ST. - UNION BLVD. N. TO CITY LINE (.6)
BUSINESS PARK AREA (.8)
IRVING ST./AIRPORT RD. - HANOVER AVE. TO CITY LINE (1.2)
UNION BLVD./TILGHMAN ST. - CLUB AVE. TO 5TH ST. (3.4)
AMERICAN PARKWAY - FRONT ST. EAST TO AIRPORT RD. (1.0)
AMERICAN PARKWAY - AIRPORT ROAD TO NELSON ST. (.3)

LIQUID ANTI-ICING (CENTER & NORTH)
40.8 MILES

JEFFERSON/15TH ST. - LEHIGH ST. TO JONATHON ST. (3.1)
HAMILTON ST. - CEDAR CREST TO FRONT ST. (3.8)
19TH ST. - LINDEN ST. TO CHEW ST. (.2)
WALNUT ST. - 20TH ST. TO 4TH ST. (1.8)
LINDEN ST. - 4TH ST. TO 19TH ST. (1.7)
M.L.K. DR. - 24TH ST. TO AMERICAN PARKWAY (2.8)
24TH ST. - M.L.K. DR. TO HAMILTON ST. (.6)
E. TEXAS BLVD. - 24TH TO OTT ST. (.2)
OTT ST. - E. TEXAS BLVD. TO HIGHLAND ST. (1.7)
TILGHMAN ST - 40TH ST. TO FRONT ST. (4.7)
CHEW ST. - JUTE ST. TO 31ST (3.2)
WASHINGTON ST. - 13TH ST. TO MEADOW ST. (1.1)
AMERICAN PARKWAY - UNION ST. TO FRONT ST. (1.2)
FRONT ST./FULLERTON AVE. - HAMILTON ST. TO SUMNER AVE. (1.2)
RIVERSIDE DR. – LINDEN TO FULLERTON AVE (1.5)
SUMNER AVE.- AMERICAN PARKWAY TO 15TH ST. (1.8)
COLLEGE ST - HAMILTON ST. TO COURT ST. (.1)
COURT ST - 4TH ST. TO 6TH ST. (.2)
4TH ST. - UNION ST. TO SUMNER AVE. (1.3)
5TH ST. - SUMNER AVE. TO UNION ST. (1.3)
6TH ST. - UNION ST. TO SUMNER AVE. (1.3)
7TH ST. - 7TH ST. BRIDGE TO UNION ST. (1.3)
8TH ST. - 8TH ST. UNDERPASS TO SUMNER AVE. (1.2)
9TH ST. - SUMNER AVE. TO UNION ST. (1.2)
10TH ST./JUNCTION ST. - SUMNER AVE. TO M.L.K. DR. (1.2)
12TH ST - UNION ST. TO HIGHLAND ST. (1.3)
UNION ST. - JUNCTION ST. TO 15 ST. (.4)
ROTH AVE. - 13TH ST. TO BAYARD ST. (AFTER 19TH ST. UNDERPASS) (.9)

LIQUID ANTI-ICING - (PICKUP TRUCKS)

HALF STREETS AND ALLEYS ONLY

CENTER CITY

4TH TO 17TH STS – MARTIN LUTHER KING JR DR TO CHEW ST

SOUTH SIDE

ALBERT ST – MOUNTAIN ROAD TO DEAD END

IVY ST – MOUNTAIN ROAD SOUTH TO DEAD END

JOHNSTON/SELL STS – MOUNTAIN ROAD TO 4TH ST

JOHNSTON ST – DEAD END WEST TO CUL-DE-SAC

SKYLINE DR

LINCOLN DR

WHITTIER DR

4TH ST – AUBURN TO BARBER ST

BARBER ST – 4TH ST EAST TO DEAD END

LEVAN ST – AUBURN TO MARKET ST

MARKET ST – LEVAN EAST TO DEAD END

MAX ST – LEVAN TO 4TH ST

EAST SIDE

DISTRICT 1

ELLSWORTH ST- COURT ST TO HANOVER AVE

E. COURT ST- HANOVER AVE TO FILBERT ST

E. FILBERT ST - E HAMILTON ST TO TURNER ST

E CLAIR ST - COURT ST TO TURNER ST

DELP ST - E HAMILTON ST TO E COURT ST

E TURNER ST - E CLAIR ST TO DEAD END

E LINDEN ST - HANOVER AVE TO FILBERT ST

E. WESTMINSTER ST - E. TURNER ST TO GORDON ST

N. HALSTEAD ST - HANOVER AVE TO E TURNER ST

CHEW ST - GRAHAM ST TO HALSTEAD ST

LIQUID ANTI-ICING - (PICKUP TRUCKS) - continued

HALF STREETS AND ALLEYS ONLY

DISTRICT 2

S COLLEGE ST - UNION ST TO HICKORY ST
HICKORY ST - S COLLEGE ST TO S 5TH
S LEVAN ST - UNION ST TO HICKORY ST
PENN ST - SUMNER AVE TO WILLOW CIRCLE
PARK ST - TILGHMAN ST TO LIBERTY ST
CHURCH ST LIBERTY ST TO UNION ST
LAW ST - TILGHMAN ST TO TURNER ST
LUMBER ST - LINDEN ST TO DEAD END
NEW ST - SUMNER AVE TO LIBERTY ST
FOUNTAIN ST - WASHINGTON ST TO LIBERTY ST

DISTRICT 3

MOSSER ST - MLK JR DR. TO DEAD END
S. 18TH ST - HICKORY ST TO FAIRVIEW ST
HOWARD ST - TILGHMAN ST TO NORTH ST
POPLAR ST - TILGHMAN ST TO LIBERTY ST
JEFFERSON ST - CAREY ST TO LIBERTY ST
MADISON ST - GREEN STREET TO UTICA ST
FRANKLIN ST - GREEN ST TO TILGHMAN ST
FULTON ST - WASHINGTON ST TO TURNER ST
WEST ST - WASHINGTON ST TO ALLEN ST

DISTRICT 4

ST GEORGE ST - TILGHMAN ST TO LIBERTY ST
LAFAYETTE ST - TILGHMAN ST TO LIBERTY ST
ST ELMO ST - CARROT ST TO LIBERTY ST
ST LUCAS ST - LIBERTY ST TO HIGHLAND ST
BERKS ST - LIVINGSTON ST TO LIBERTY ST
MUHLENBERG ST - LIBERTY ST TO LIVINGSTON ST
FORD ST - S 25TH ST TO S 22ND ST

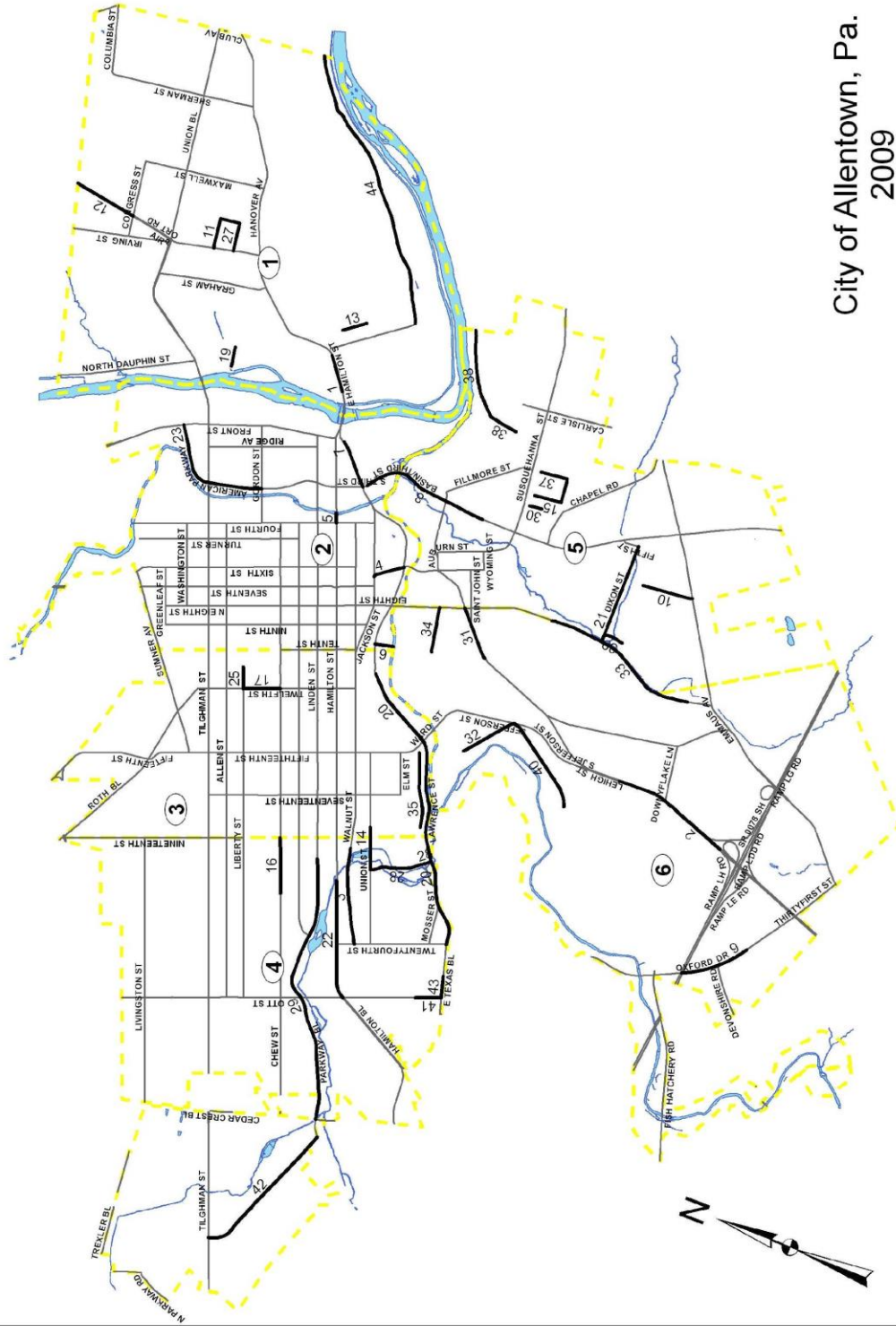
SNOW REMOVAL PRIORITY LIST
(DAY SHIFT)

- | | | |
|-----|----------------------|--|
| 1. | Walnut St. | 10 th to 19 th St. |
| 2. | 4 th St. | Union to North to City Line |
| 3. | 10 th St. | Wyoming to Martin Luther King Jr. Dr. |
| 4. | 12 th St. | Union to Greenleaf St. |
| 5. | Washington St. | 4 th to 13 th St. |
| 6. | 13 th St. | Fairview to Greenleaf St. |
| 7. | Ridge Ave. | Linden to American Pkwy. |
| 8. | 8 th St. | Union to Hamilton St. |
| 9. | 18 th St. | Walnut to Chew St. |
| 10. | Turner St. | 4 th to 19 th St. |
| 11. | Union St. | 15 th to St. George St. |
| 12. | 6 th St. | Union to Sumner Ave. |
| 13. | 8 th St. | Hamilton to Sumner Ave. |
| 14. | Wyoming St. | Jefferson to 5 th St. |
| 15. | 9 th St. | Jackson to Washington St. |
| 16. | 19 th St. | Walnut to Chew St. |
| 17. | 5 th St. | Tilghman to Union St. |
| 18. | Saint John St. | Lehigh to 5 th St. |
| 19. | Ott St. | Allen to Tilghman St. |
| 20. | 22 nd St. | Tilghman to Chew St. |
| 21. | Liberty St. | 10 th to 17 th St. |
| 22. | Allen St. | 10 th to 20 th St. |
| 23. | Walnut St. | 4 th to 19 th St. |
| 24. | 10 th St. | Walnut to Cedar St. |

SNOW REMOVAL PRIORITY LIST
(NIGHT SHIFT)

- | | | |
|-----|-------------------------|---|
| 1. | Chew St. | 4 th to 17 th St. |
| 2. | 15 th St. | Elm to Sumner Ave. |
| 3. | Gordon St. | Front to 10 th St. |
| 4. | Tilghman St. | Front to 22 nd St. |
| 5. | Carlisle St. | Hamilton to Keck Park |
| 6. | Hanover Ave. | Irving to Bradford St. |
| 7. | 2 nd St. | Union to Green St. |
| 8. | Hamilton St. | Front to 6 th St. |
| 9. | 7 th St. | Union to Sumner Ave. |
| 10. | 17 th St. | Walnut to Tilghman St. |
| 11. | Front St. | Hamilton to North City Line |
| 12. | Linden St. | Front to 19 th St. |
| 13. | 19 th St. | Liberty to Washington St. |
| 14. | Hamilton St. | 6 th to 12 th St. |
| 15. | 19 th St. | Washington to Roth Ave. |
| 16. | Liberty St. | Brick to 17 th St. |
| 17. | Allen St. | Brick to 17 th St. |
| 18. | (a) 5 th St. | Susquehanna to Auburn St. |
| 19. | (b) Auburn St. | 5 th to 6 th St. |
| 20. | 6 th St. | Auburn to Wyoming St. |
| 21. | 8 th St. | Juniata to Pittston St. |
| 22. | Jackson St. | 8 th to 10 th St. |
| 23. | Lehigh St. | MLK Jr. Dr. to Wyoming St. |

Snow Blowing w/o Trucks



City of Allentown, Pa.
2009

Areas Where No Trucks are Needed with Snow Blower:

DISTRICT PRIORITY

OVERALL PRIORITY

DISTRICT 1

1. Hamilton Street/Hanover Avenue - Aubrey to Carlisle - north side 1
2. Washington Street - Irving to Jay - south side 11
3. Airport Road - City line south to Congress - west side 12
4. Dauphin Street - Walnut to Fairview - east side..... 13
5. Bradford Street - Lloyd to East Chew 18
6. East Allen Street - Dauphin to Bradford - north side..... 19
7. Lloyd Street - Dauphin to City Line - both sides except for AT&T parking 24
8. Tilghman Street - Irving to Jay - north side 27
9. River Road - Keck Park to City line 44
10. Jay Street - Tilghman to Washington - west side

DISTRICT 2

1. Lehigh Street - Union to Martin Luther King Jr. - east side 4
2. Hamilton Street - 4th to eastern edge of bridge - both sides 5
3. Union Street - Front to 3rd 7
4. American Parkway - Gordon to northern end - both sides..... 23

DISTRICT 3

1. 12th Street - Chew to Liberty - east side 17
2. Martin Luther King Jr. Drive - Union to 24th - both sides 20
3. Liberty Street - 12th to 11th - south side..... 25
4. Chew Street - 10th to 12th - north side..... 26
5. South Street - 15th to western dead end - south side..... 35

DISTRICT 4

1. Walnut Street - Lafayette to 24th - south side 3
2. Union Street - St. Elmo to St. George - both sides 14
3. Chew Street - 19th to Albright Ave. - both sides 16
4. Hamilton Boulevard - 21st to Ott - north side..... 22
5. St. Elmo Street - Union to Martin Luther King Jr. Dr. - both sides..... 28
6. Parkway Boulevard - 20th to Cedar Crest Blvd - both sides 29
7. Ott Street - south to East Texas Boulevard - east side..... 41
8. Springhouse Road - Parkway Blvd to Tilghman 42
9. East Texas Boulevard - Glenwood to Ott - north side..... 43

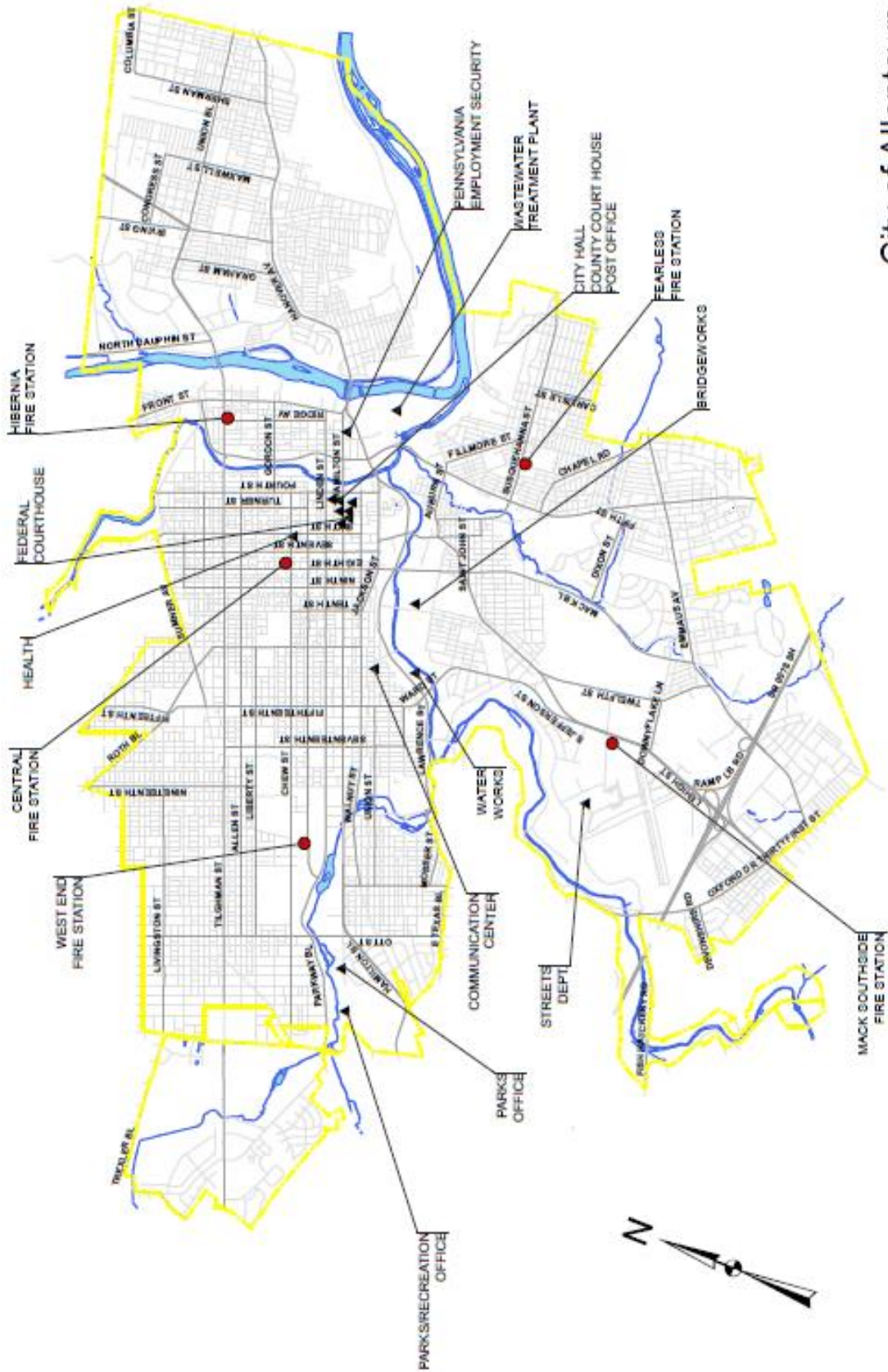
DISTRICT 5

1.	Basin Street - Union to St. John - both sides	8
2.	S. Church Street - Mohawk to Emaus Ave. - along S. Mountain & Dodd	10
3.	S. 2nd Street - Lexington to Adams - east side, also west side of Roosevelt ..	15
4.	Dixon Street - Mack Blvd. to South 5th St. - south side	21
5.	S. 3rd Street - Juniata to Adams - east side	30
6.	Lexington Street - 2nd to Front - north side	36
7.	Front Street - Lexington to Adams - west side.....	37
8.	Constitution Drive - Wyoming to City line	38
9.	Delaware Street - Dixon to Mack Pool entrance - both sides	39

DISTRICT 6

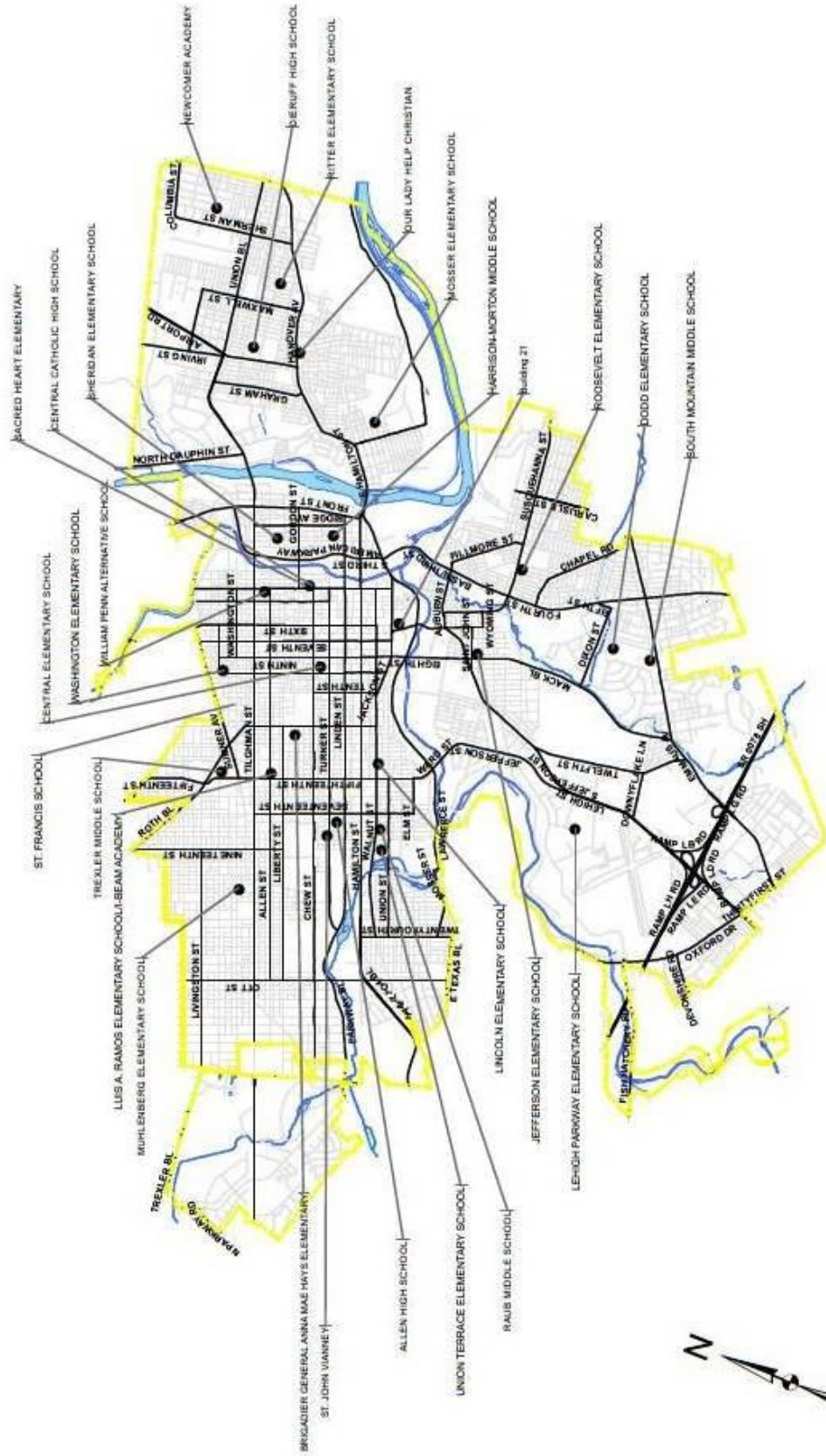
1.	Lehigh Street - Vultee to I-78 - both sides	2
2.	S. 10th Street - Martin Luther King Jr. Dr. to bridge - both sides	6
3.	Oxford Drive - Pearl Ave. to underpass - east side.....	9
4.	Lehigh Street - 8th to 10th - north side	31
5.	Lehigh Parkway East - Wyoming to Jefferson - west side	32
6.	Harrison Street - 8th to 10th - both sides	34
7.	Mack Boulevard - Devonshire Rd. to underpass - both sides	33
8.	Lehigh Parkway South - Jefferson to Coronado - north side	40

Government Buildings & Fire Stations



City of Allentown, Pa
2012

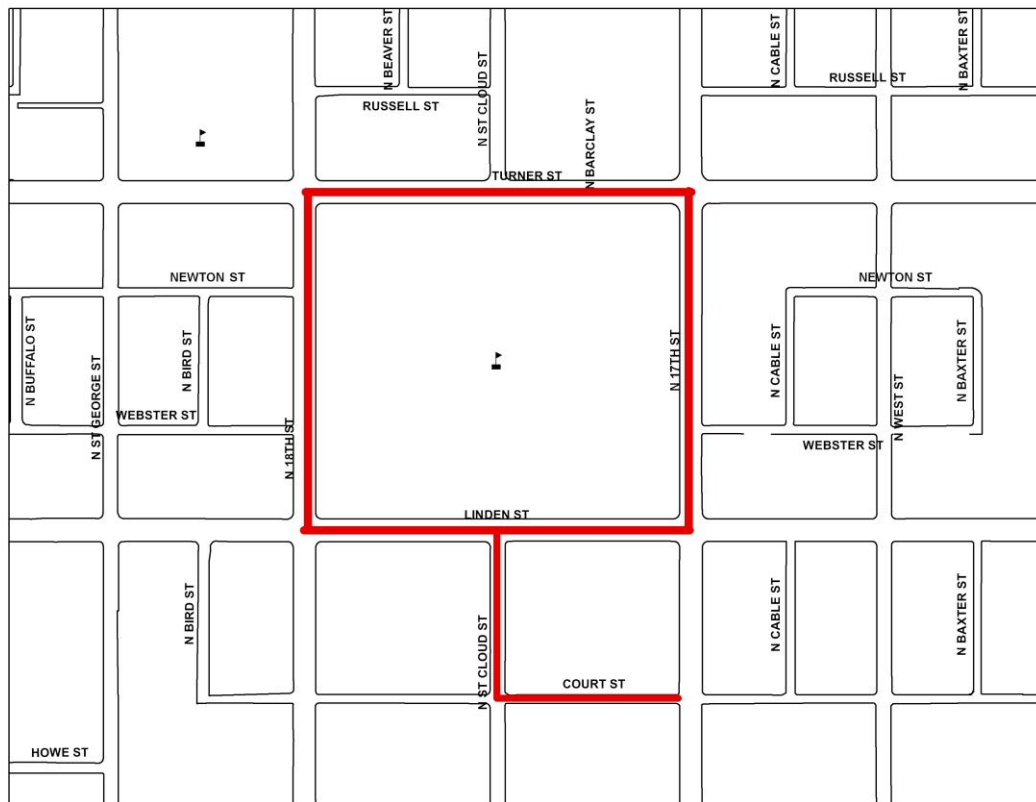
School Location Map



City of Allentown, Pa.
2021

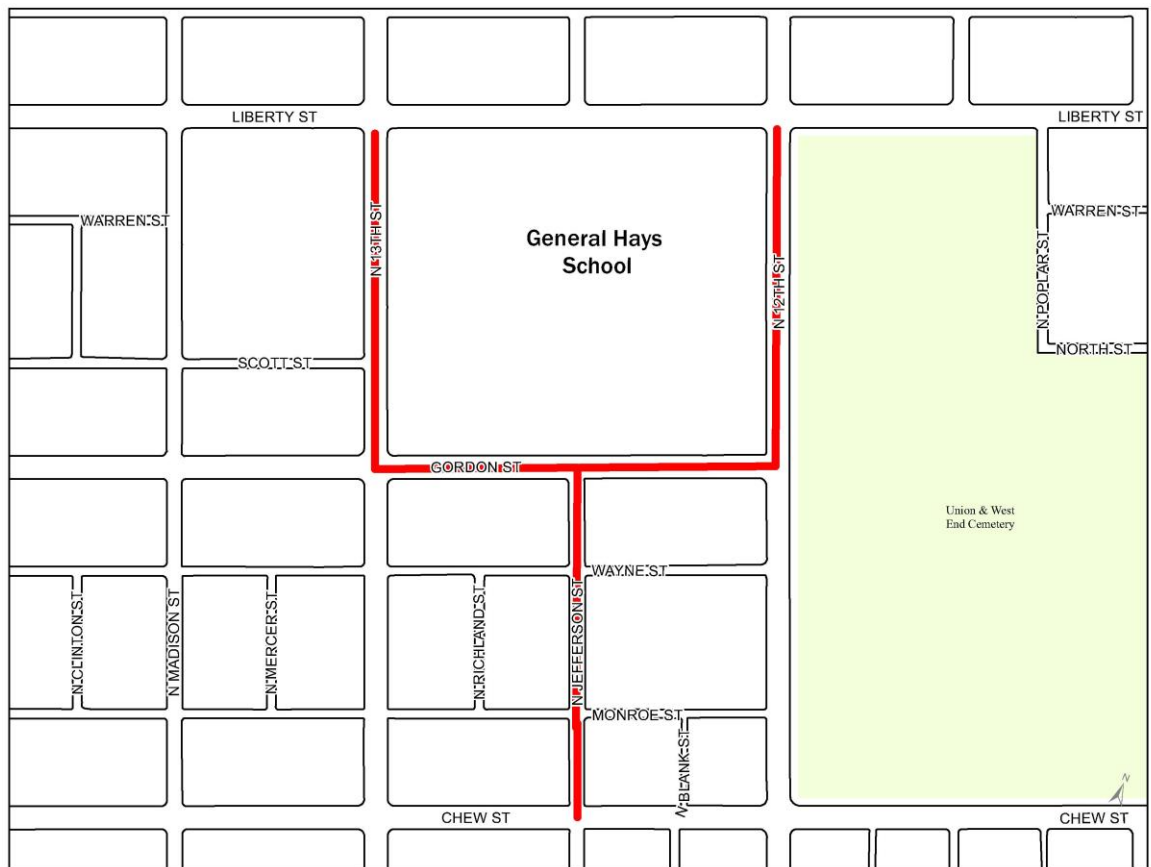
ALLEN HIGH SCHOOL

1. BUS STOP - On 17th St. between Turner St. and Linden St.
 - A. Vo-Tech. pickup is on Turner St. in front Seward's Gym Bldg.
2. TEACHER & FUEL OIL ACCESS On 18th St.
 - A. Teacher parking is also located on N.E. side of St. Cloud and Court St.
3. On Linden St. between 17th St. and St. Cloud St. snow should be removed on both sides of street (only after heavy snow accumulations).



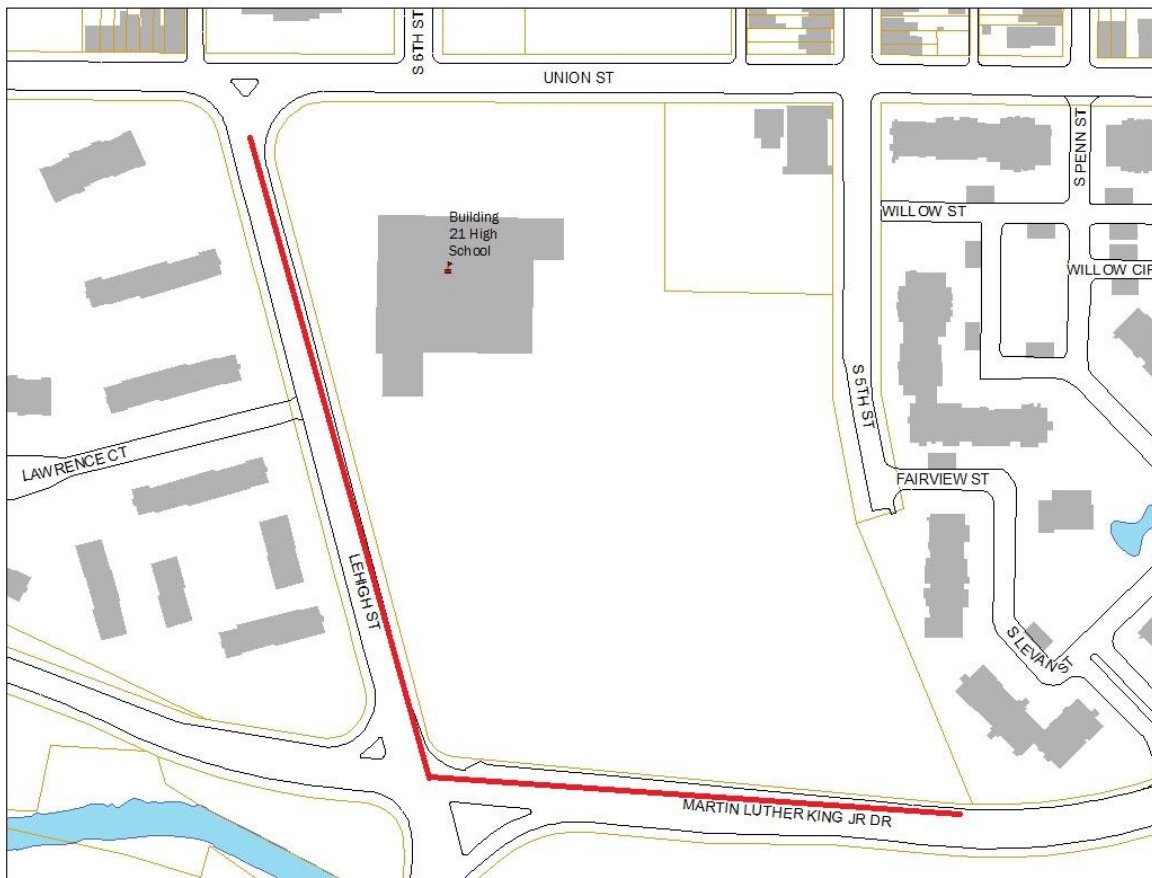
BRIGADIER GENERAL ANNA MAE HAYS ELEMENTARY SCHOOL

1. BUS STOP – on Gordon St between 12th & 13th St
2. TEACHER ACCESS/CAR PICK UP: 12th & 13th St between Liberty & Gordon St.

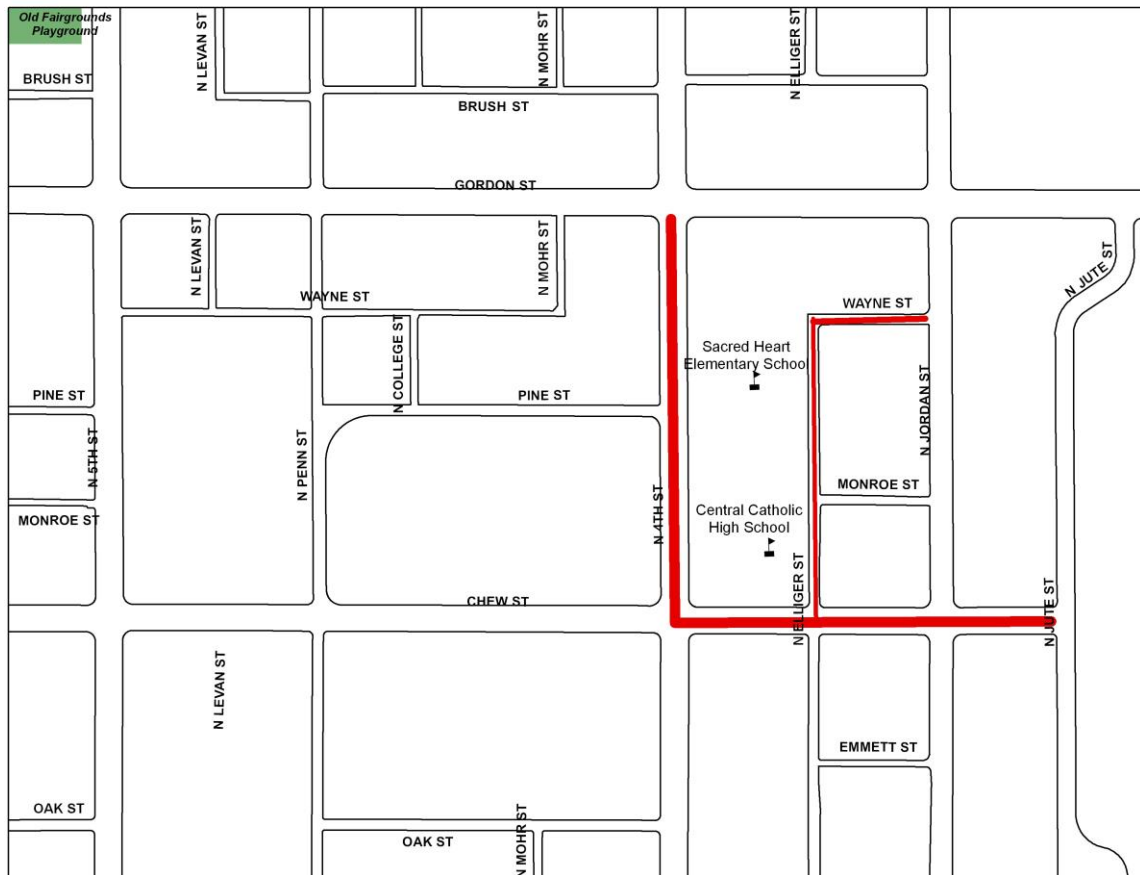


BUILDING 21

1. BUS STOP - On Lehigh St between Union St & MLK Jr. Dr
2. TEACHER & FOOD ACCESS
Lot on east side of school building
 - A. access from both Lehigh St & MLK Jr Dr

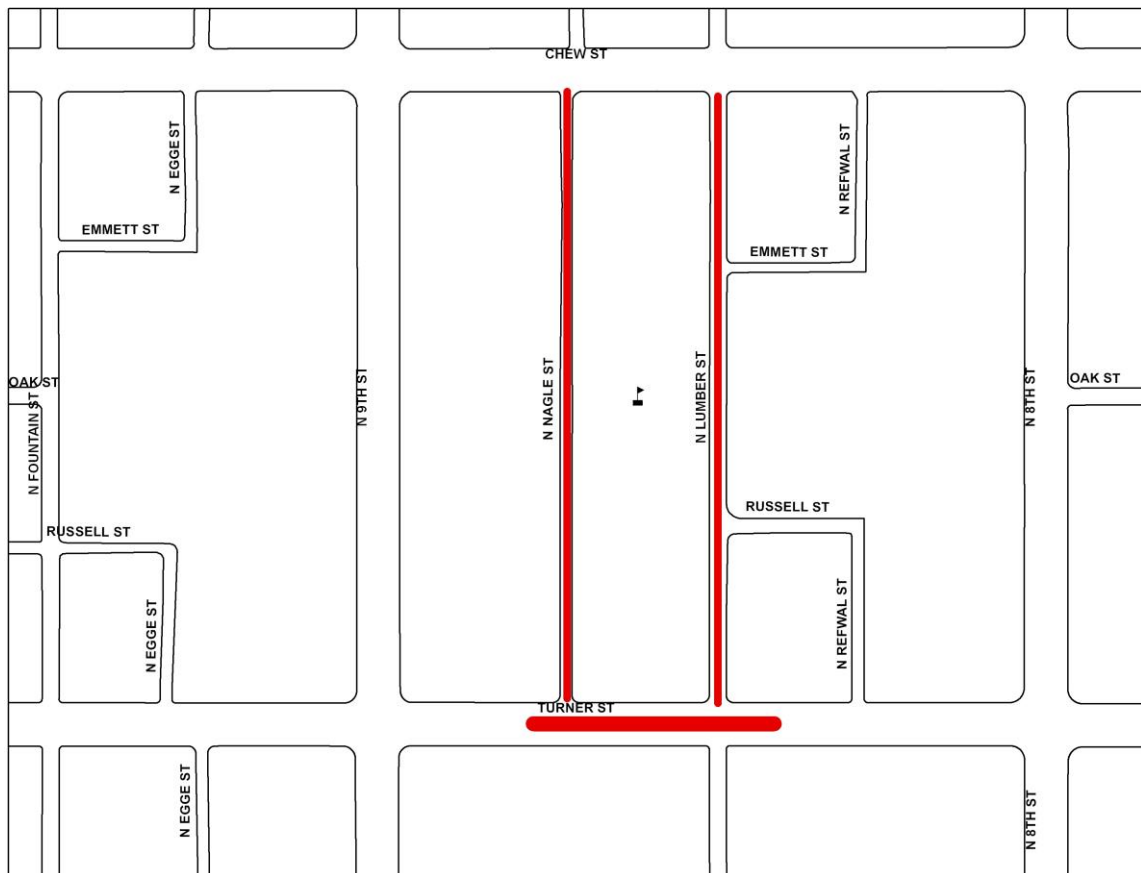


CENTRAL CATHOLIC HIGH SCHOOL



CENTRAL ELEMENTARY

1. BUS STOP - On N. Lumber
St. between Turner St. and
Chew St.
A. Both sides of Lumber St. need to be cleared.
2. SCHOOL FRONT - On
Turner between N. Nagle
between Turner St. & Chew St.
3. TEACHER ACCESS - On
N. Nagle between Turner &
Chew St.



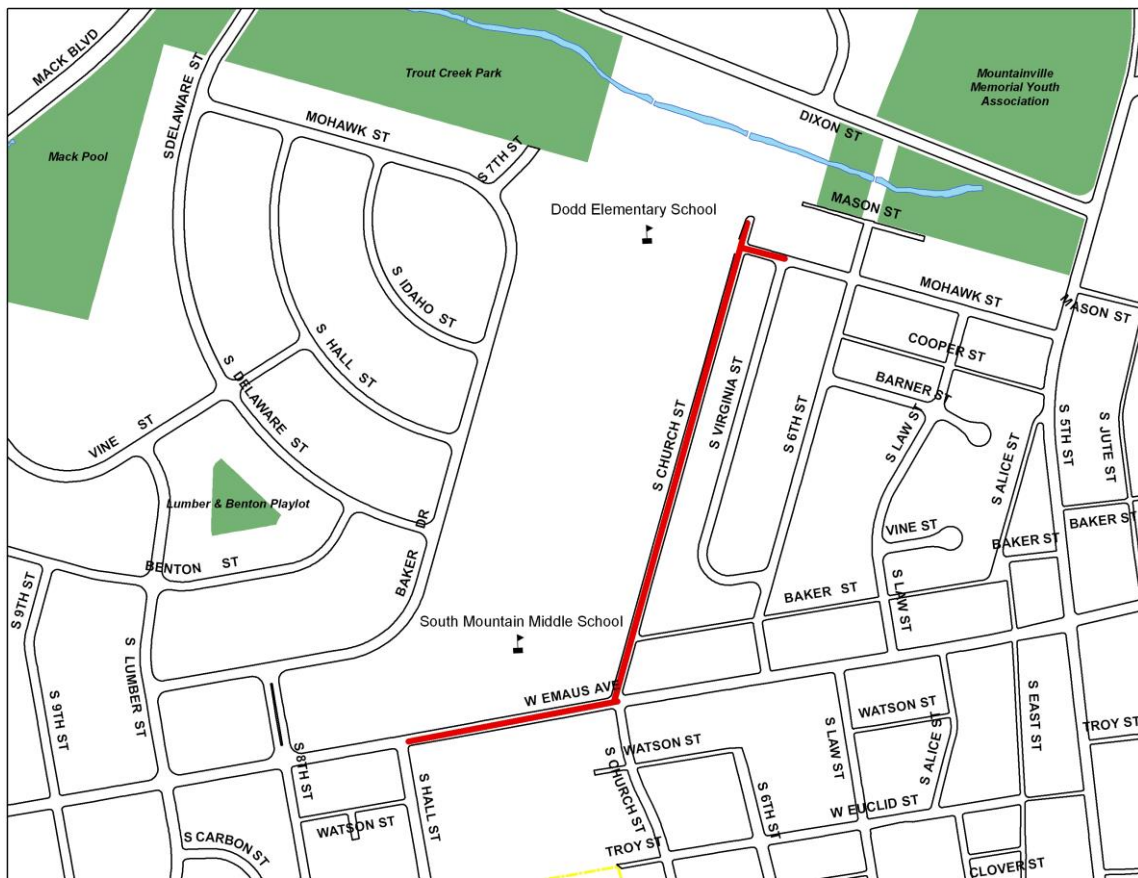
DIERUFF HIGH SCHOOL

1. BUS STOP - On E. Washington
from Irving St. to N. Jerome
St., on E. Cedar St. from
Irving St. to N. Jerome St.
2. TEACHER ACCESS - On N.
Jerome and between E. Cedar
to E. Washington from E.
Washington St. to E. Cedar St.



DODD ELEMENTARY SCHOOL

1. **BUS STOP & FOOD DELIVERY** - On Church St.
2. **TEACHER ACCESS** - On S. Church St. and Mohawk St. (See S. Mountain - 2A).



HARRISON MORTON SCHOOL

1. BUS STOP - On N. 2nd St.
between Chestnut St. and
Turner St.
2. TEACHER ACCESS & FOOD
DELIVERY - On Chestnut St.
between Ridge Ave. and N.
2nd St.

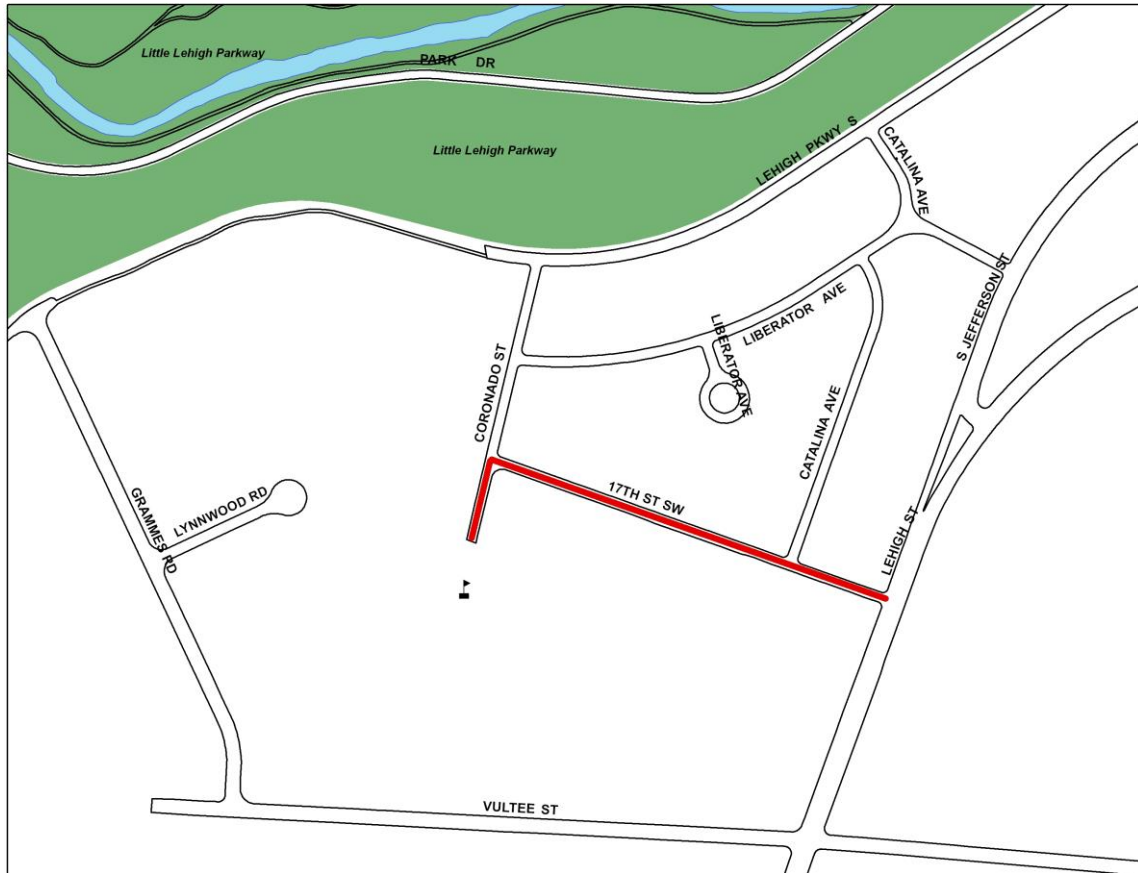


JEFFERSON ELEMENTARY

1. BUS STOP - On St. John St.
between S. 8th St. and Hall St.
2. TEACHER ACCESS &
FOOD DELIVERY - On S.
8th St. between St. John
St. and Wyoming St.



LEHIGH PARKWAY ELEMENTARY



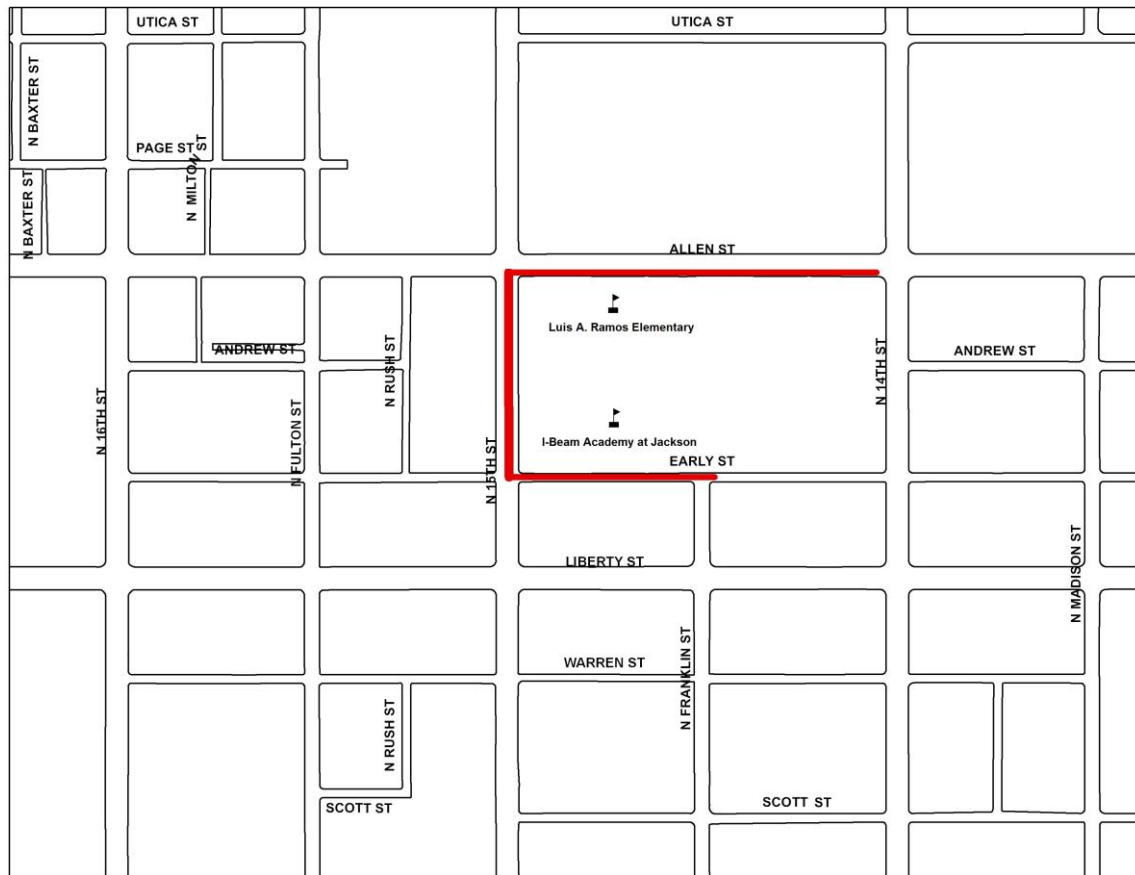
LINCOLN ELEMENTARY

1. BUS STOP - On Walnut St.
along school front to 14th St.
2. TEACHER & FOOD ACCESS
On 14th St. between Walnut
St. and Hickory St.

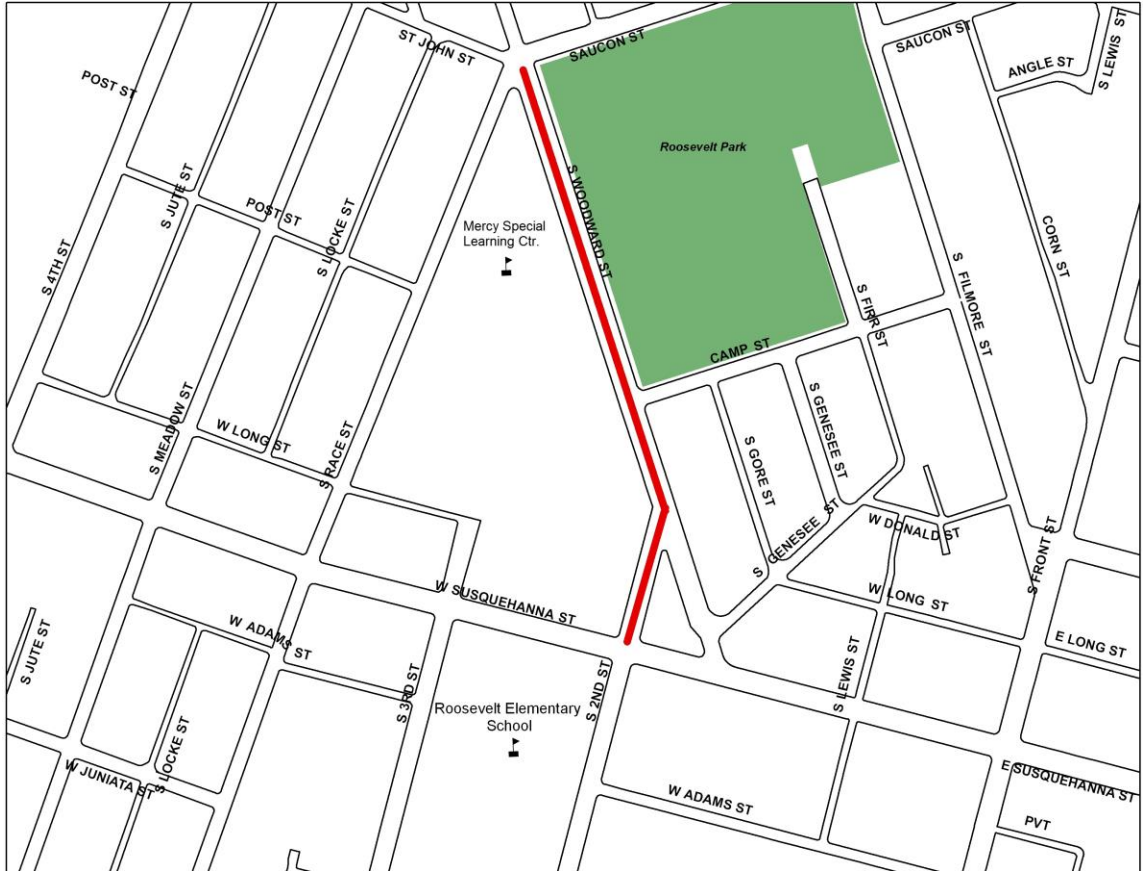


LUIS A. RAMOS ELEMENTARY (*& I-Beam Academy at Jackson*)

1. BUS STOP - On 15th St.
between Early St. and Andrew St.
2. TEACHER & FOOD ACCESS -
On Early St. between 15th
St. and Franklin St.
3. FUEL OIL - Delivered on
Andrew St. (entered and exit
on 15th St.)

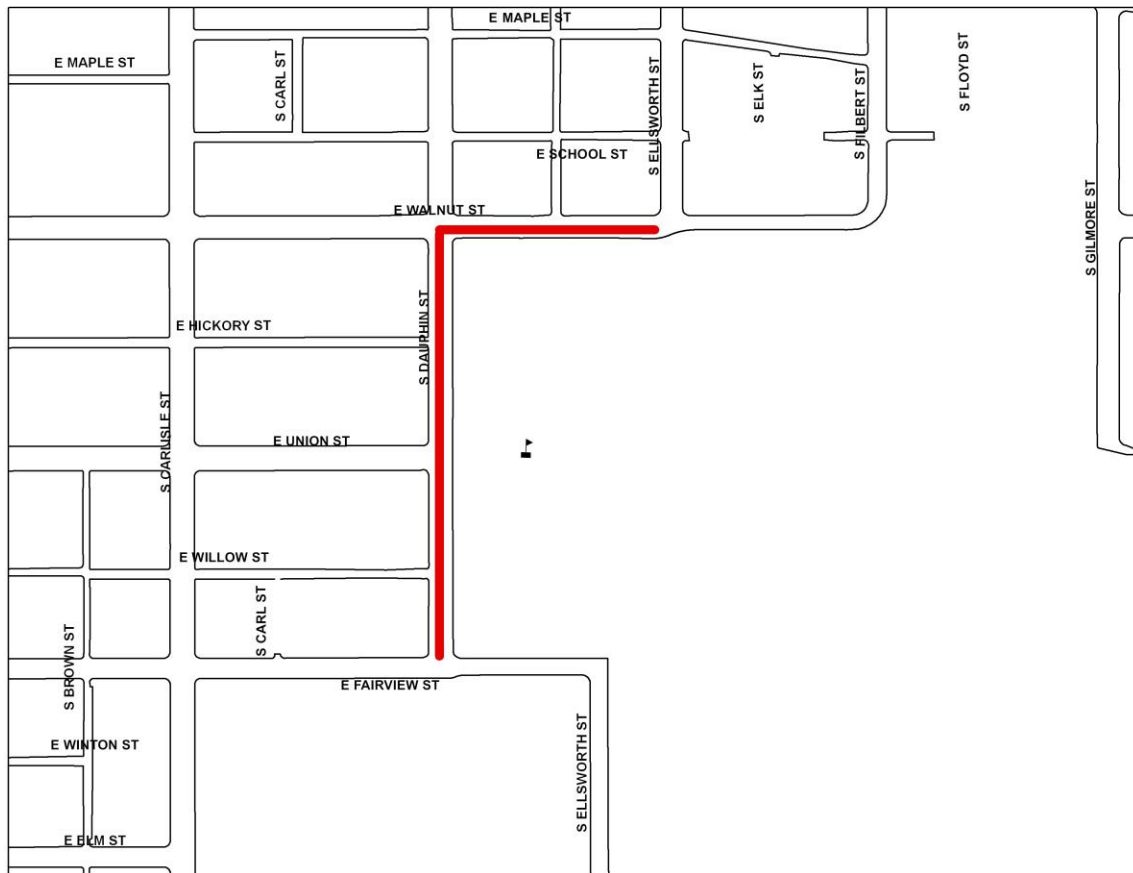


MERCY SPECIAL LEARNING CENTER



MOSSER ELEMENTARY

1. BUS STOP - On Dauphin St.
between Fairview St. and
E. Walnut St.
2. TEACHER ACCESS &
FOOD DELIVERY -
On E. Walnut St. between
Dauphin St. and S. Ellsworth St.



MUHLENBERG ELEMENTARY

1. BUS STOP - On N. 21st St.
from E. Washington St. to
Tilghman St.
2. TEACHER ACCESS - On
E. Washington St. from
St. Lucas St. to N. 21st St.
3. FOOD DELIVERY ENTRANCE
From St. Lucas between
E. Washington St. and Tilghman St.



NEWCOMER ACADEMY

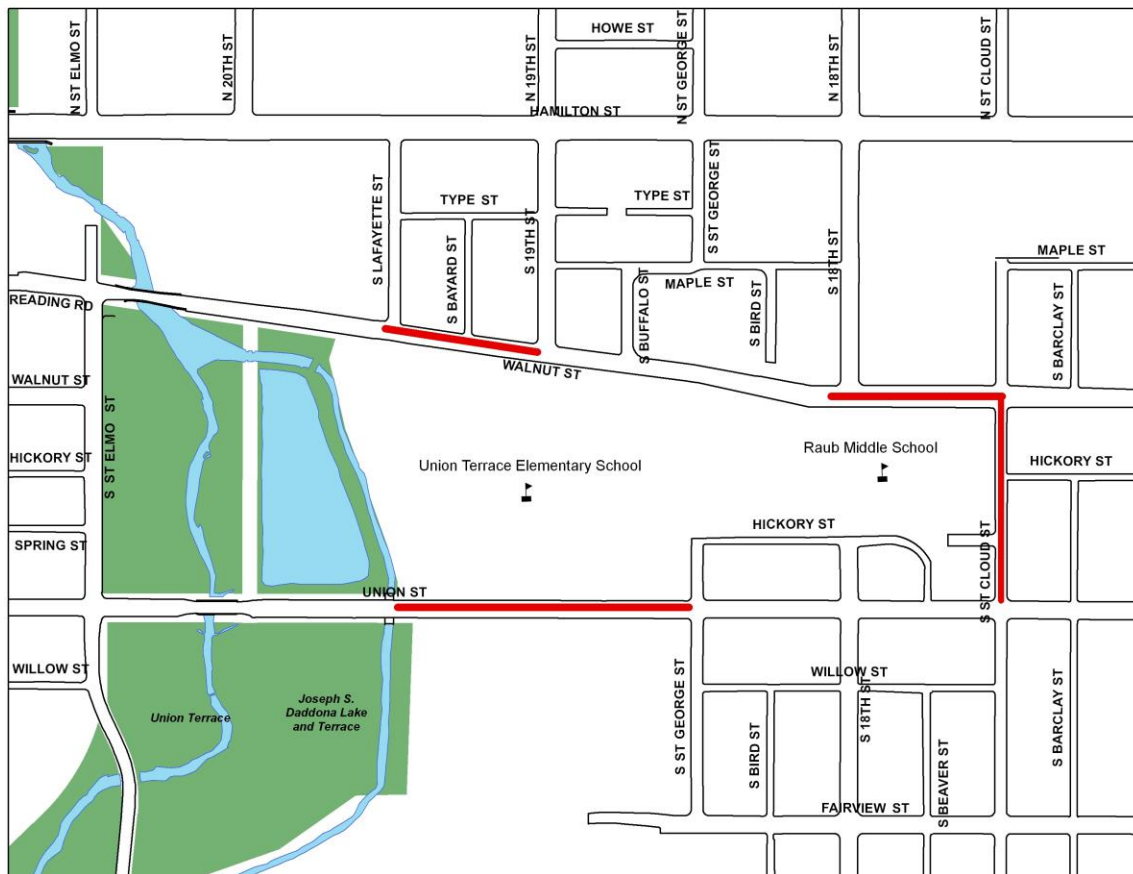
(Formerly Midway Manor Elementary)

1. BUS STOP - On E.
Pennsylvania St. between
Tacoma St. and Ulster St.
2. TEACHER ACCESS -
On N. Tacoma St.
between E. Highland St.
and E. Pennsylvania St.



RAUB MIDDLE SCHOOL

1. BUS STOP - On Walnut St.
between 18th St. and St.
Cloud St. school side
2. TEACHER & FOOD
ACCESS - Directly across
from 18th St.
3. MAIN ENTRANCE - On
St. Cloud St. between Walnut St.
& Union St.



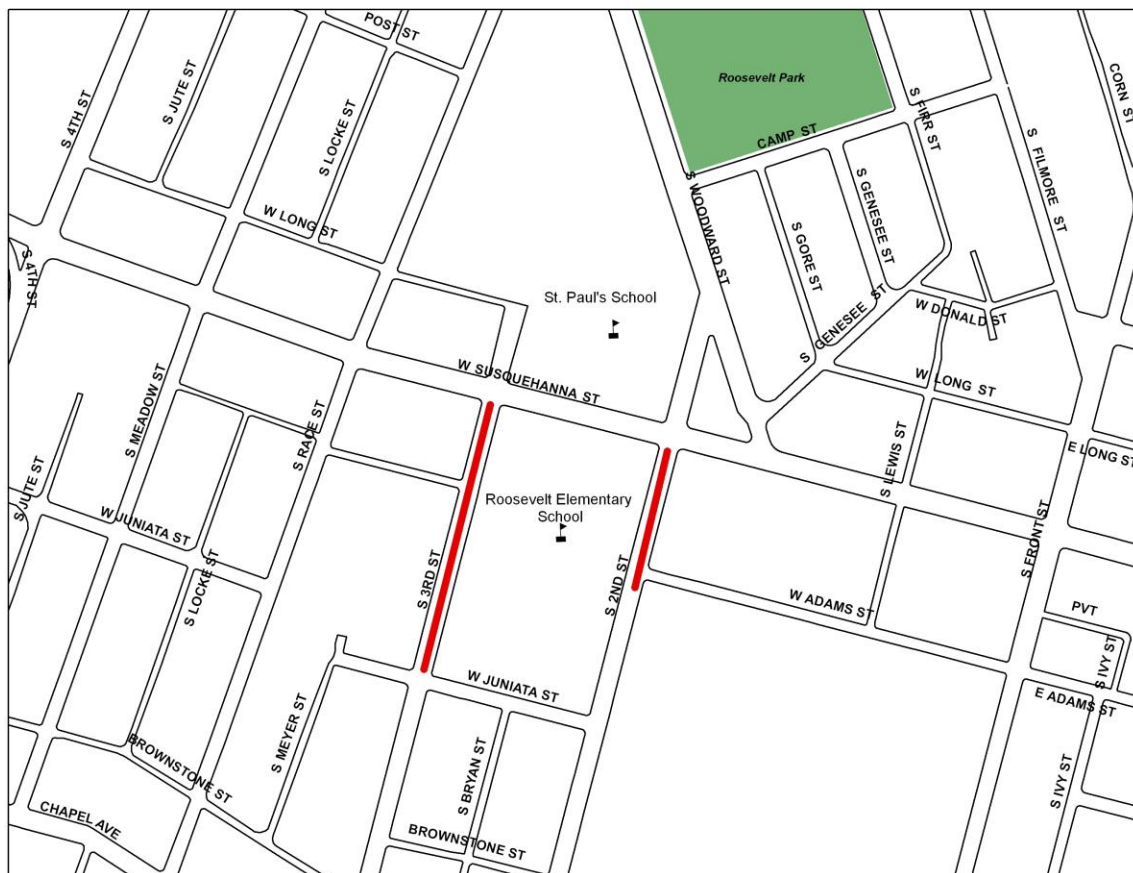
RITTER ELEMENTARY

1. BUS STOP - On N. Plymouth St. between E. Washington and Tilghman St.
2. TEACHER ACCESS & FOOD DELIVERY - On N. Oswego St. between E. Washington St. and Tilghman St.

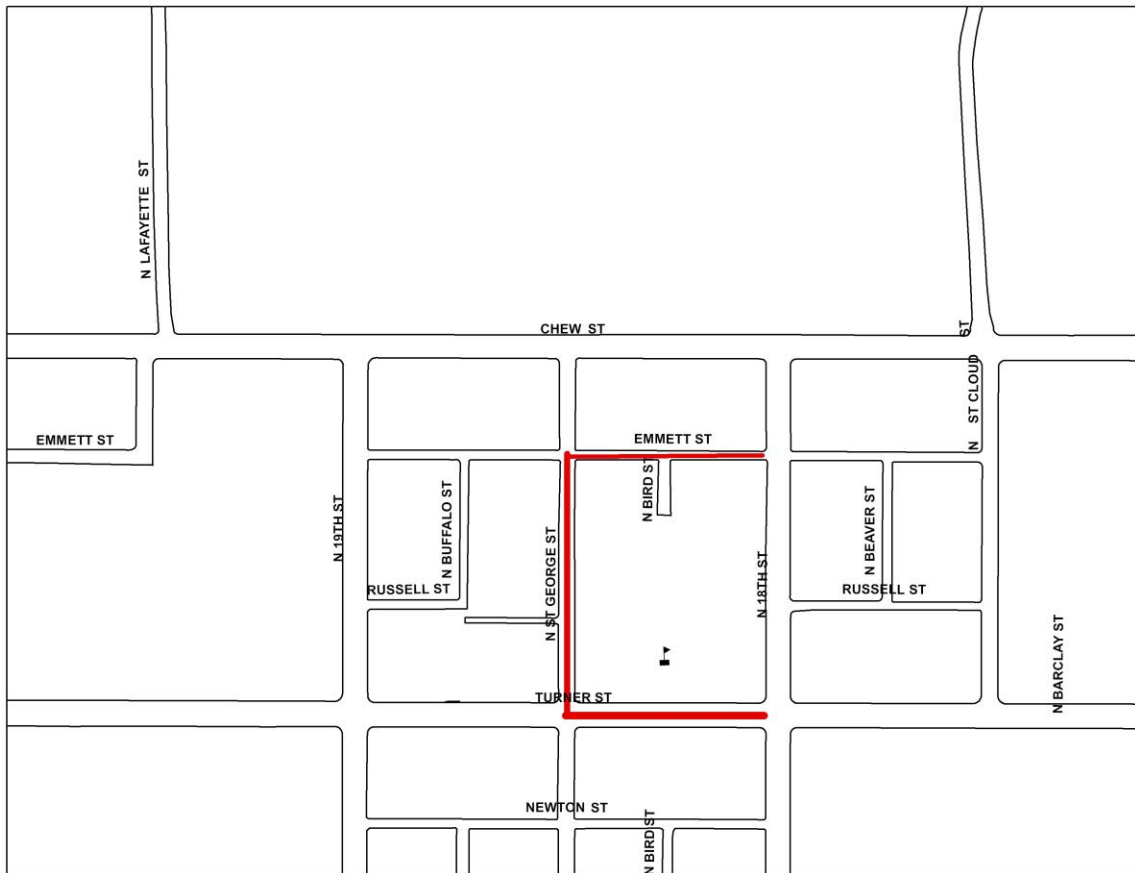


ROOSEVELT ELEMENTARY

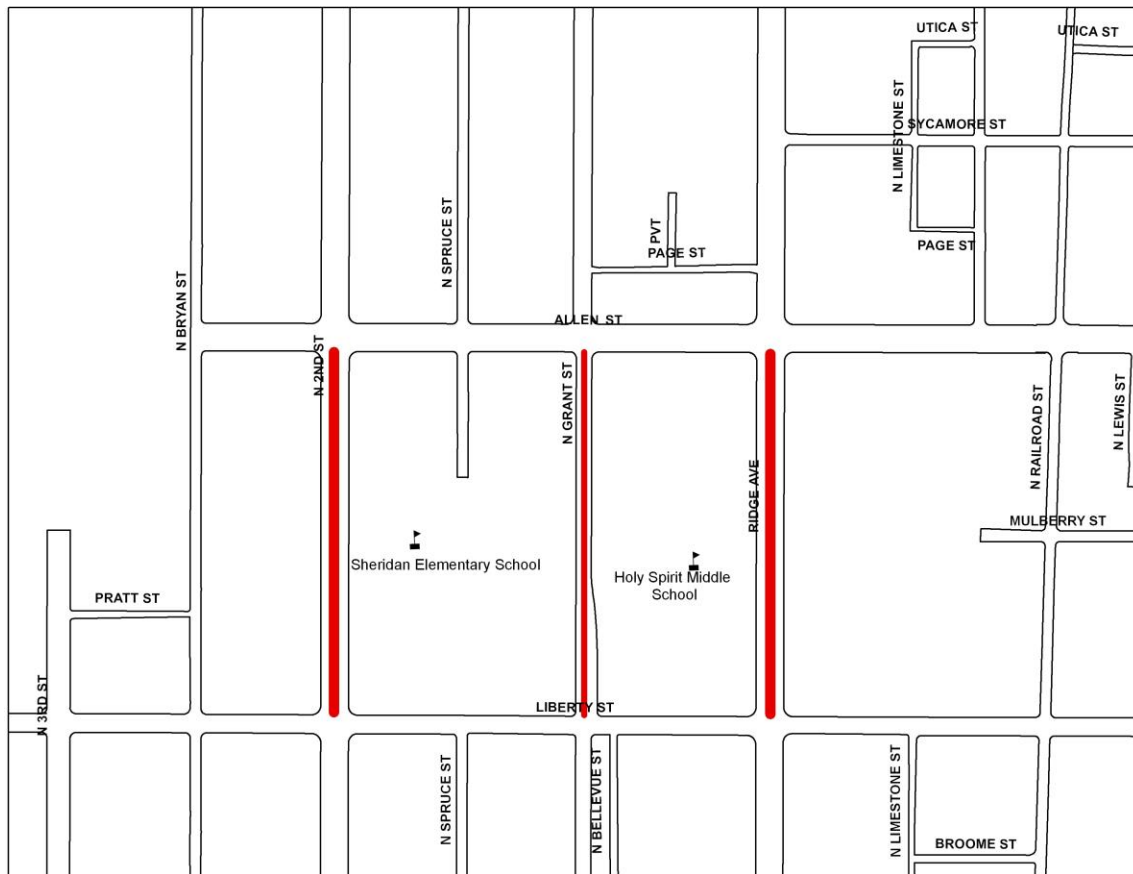
1. BUS STOP - On S. 2nd St. between Susquehanna St. and Adams St.
2. TEACHER ACCESS & FOOD DELIVERY - On S. 3rd St. between Juniata St. and Susquehanna St.
 - A. Sidewalk on Susquehanna St. is always plowed shut - must be hand-removed or snow blower removed.



ST. JOHN VIANNEY

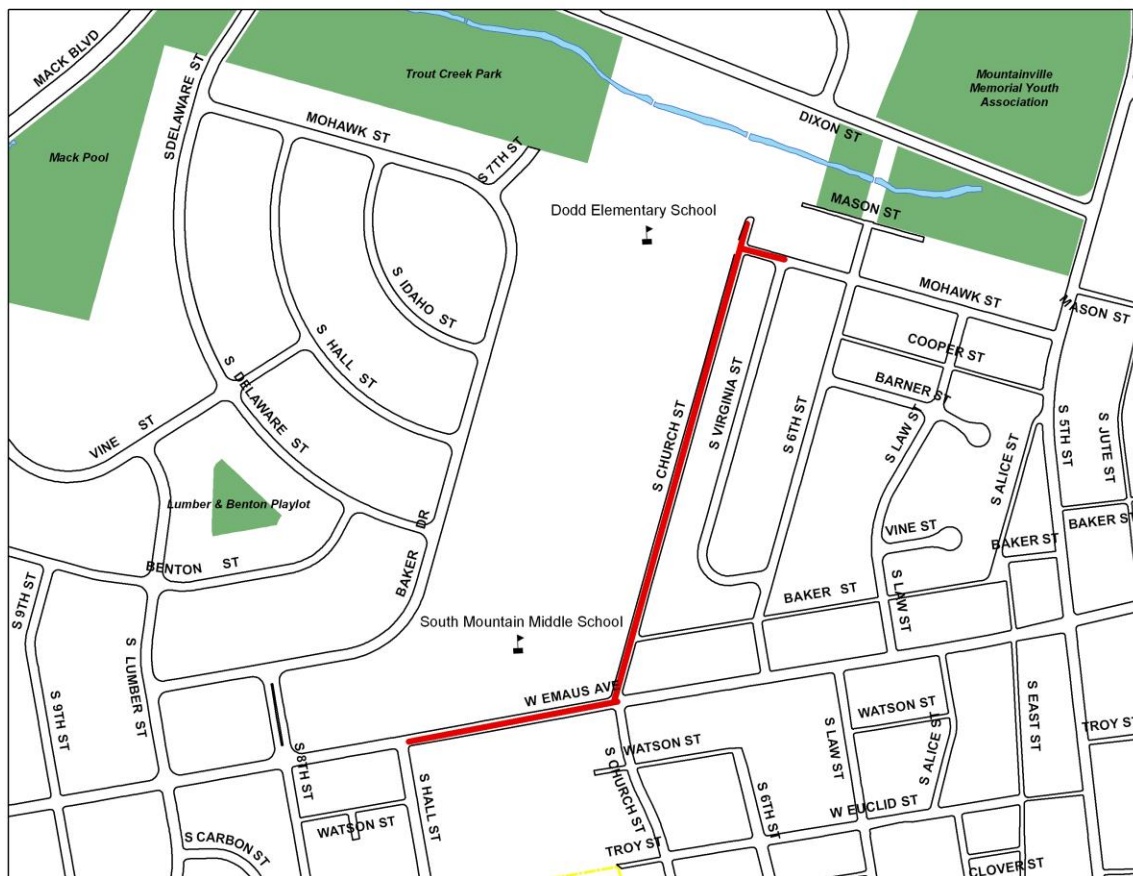


SHERIDAN ELEMENTARY



SOUTH MOUNTAIN MIDDLE SCHOOL

1. BUS STOP - Front entrance is on Emaus Ave. between Church St. and end of school property.
2. TEACHER ACCESS & FOOD DELIVERY - On Church St. between Emaus Ave. and Mohawk St.
 - A. Church St. is also the access road to Hiram Dodd School, which is at the intersection of Mohawk St. and Church St. and Mohawk St. is one way from S. Virginia St. to Church St. in morning from 7:45 AM to 8:30 AM and from 2:45 PM to 3:30 PM



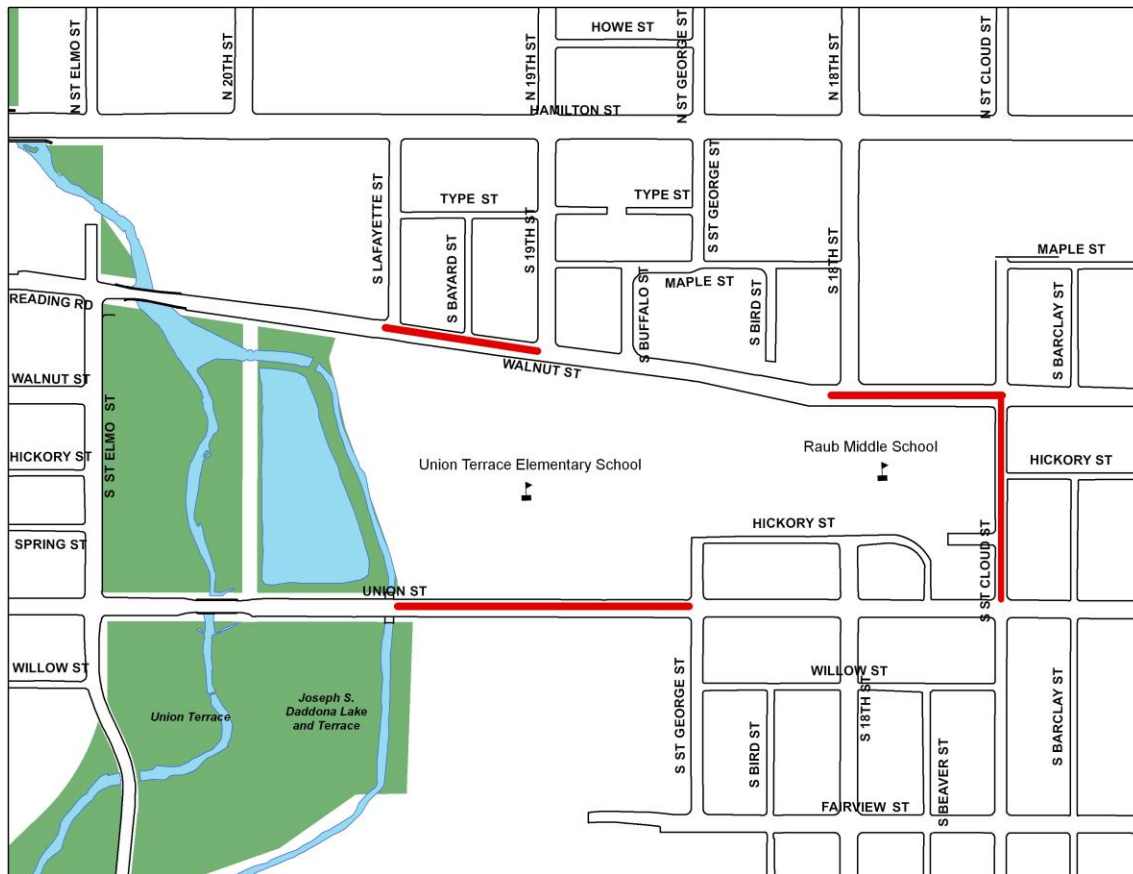
TREXLER MIDDLE SCHOOL

1. BUS STOP - On 15th St. from overhead bridge to Greenleaf St.
2. SIDEWALKS - During heavy snows, plows throw snow back on walks which make removal by trucks hard and must be done by hand or snowblower. These walks are located on 15th St. and Roth Ave.



UNION TERRACE ELEMENTARY

1. BUS STOP - On Union St.
between St. George St. and
Cedar Creek.
2. TEACHER & FOOD ACCESS
On Walnut St. directly across
from Bayard St.

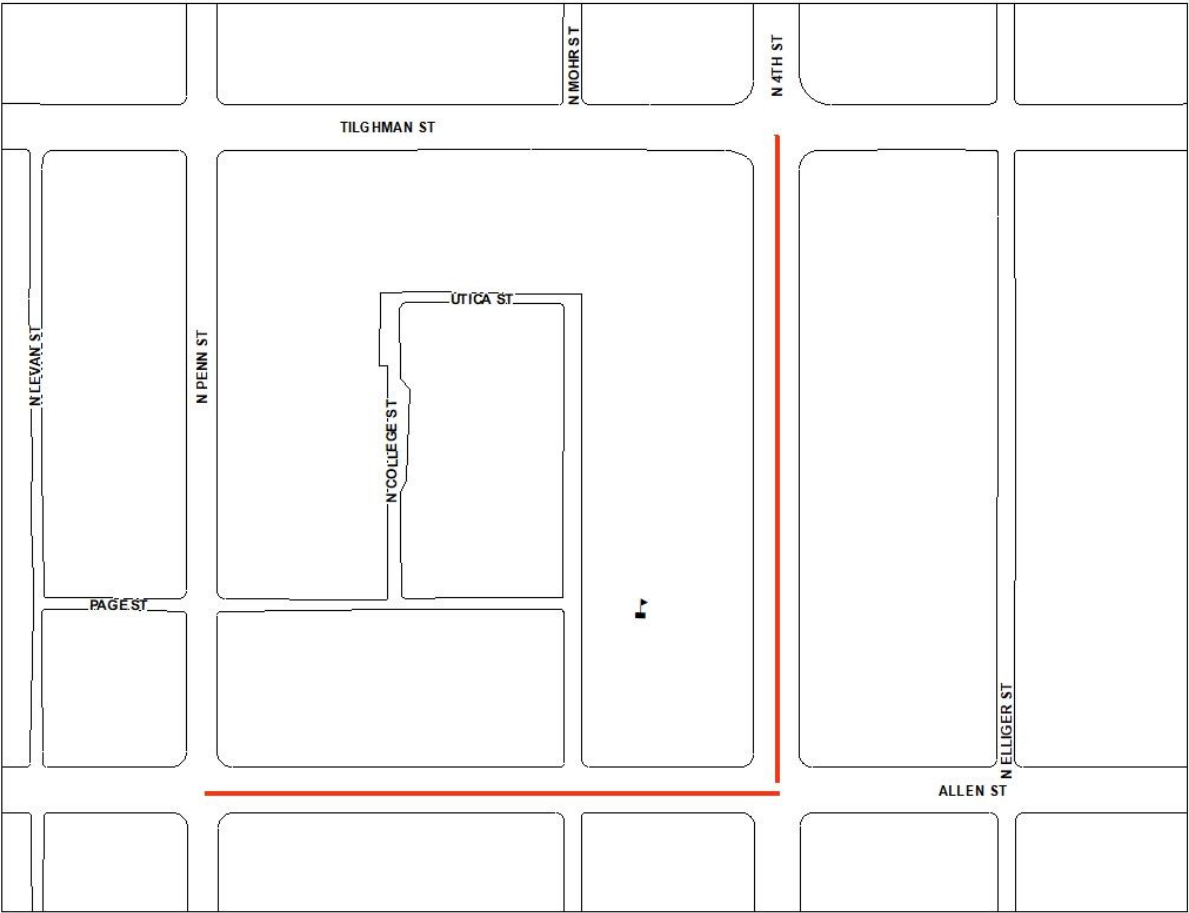


WASHINGTON ELEMENTARY

1. BUS STOP - On N. 9th St.
from Cedar St. to Greenleaf St.
2. FOOD DELIVERY - On
Greenleaf St. from 9th St.
to end of building, Nagle St.



WILLIAM PENN BUILDING



**ALLENTOWN SCHOOLS
SNOW REMOVAL PRIORITY LIST**

CENTER CITY SCHOOLS

Building 21
WM Penn
Brigadier General Anna Mae Hays Elementary School
Central Elementary
Washington Elementary
Sheridan Elementary
Harrison Morton School
Central Catholic High School

SOUTH SIDE SCHOOLS

Lehigh Parkway Elementary
Jefferson Elementary
Mercy Learning Center
Roosevelt Elementary
Dodd Elementary
South Mountain Middle School

EAST SIDE SCHOOLS

Ritter Elementary
Dieruff High School
Newcomer Academy
Mosser Elementary

WEST END SCHOOLS

Luis A Ramos Elementary / I-Beam Academy
Trexler Middle School
Muhlenberg Elementary
Union Terrace Elementary
Raub Middle School
Lincoln Elementary
St. John Vianney
Wm. Allen High School

MAINTENANCE BLDG.

1. GARAGE ACCESS - On Sumner Ave. between 14th St. and Roth Ave.
2. EMPLOYEE PARKING - Entrance on 14th St. and Sumner Ave. exit on Sumner.

MEDIA CENTER

1. Entrance and sidewalk along 12th St.

ADMINISTRATION BUILDING

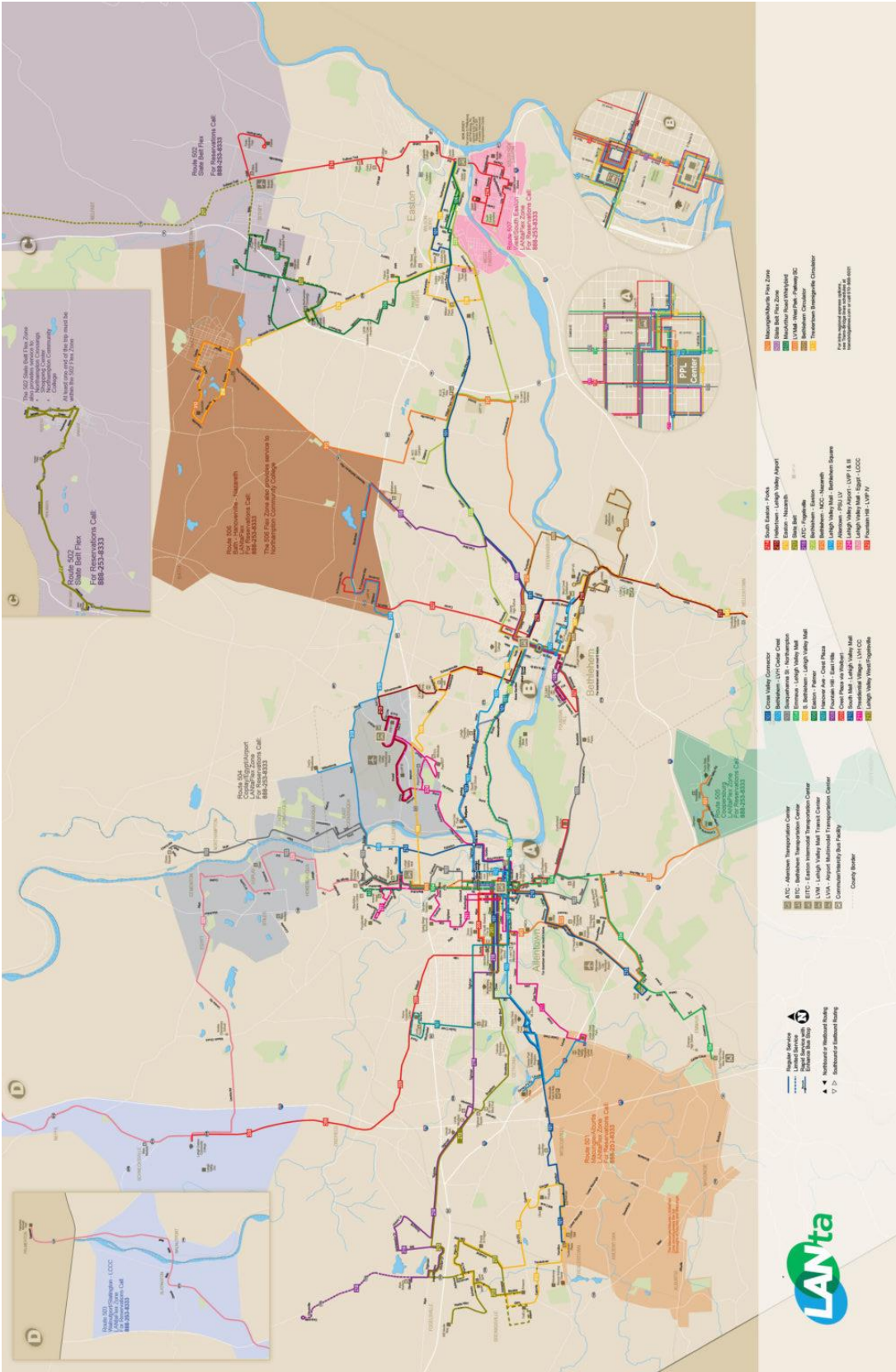
1. PARKING ACCESS - Is on School St., entered from Penn St., and has to be cleared in order to enter School St., exiting east on School St. to Maple St. which leads to Walnut St., which should also be cleared.

OTHER CONCERNS FOR DISTRICT OPENINGS

1. Bridge Walking Traffic
 - Hamilton Street Bridge
 - 8th St. Street Bridge
 - Tilghman Street (both) currently under construction
2. First Student Bus Company requests some intersections will require more room for bus traffic, i.e:
 - A. Emaus Avenue at Church Street
 - B. Coronado Street at S.W. 17th Street
 - C. Turner Street at Lumber St.
 - D. Chew Street at Lumber St.

MAP SHOWING LANTA NORMAL ROUTING WITHIN ALLENTOWN

LANTaBus System Map: Effective 09/13/2021:



LANTA BUS SNOW EMERGENCY ROUTE GUIDE

During major snowstorms, LANTA may announce via local media and this website that a “Snow Emergency” is in effect. Routes will be altered as detailed below. At times only some routes may undergo detours depending on road conditions.

DETOUR ANNOUNCEMENT SOURCES

LANTA Bus notifies passengers about the Snow Emergency Detours through the following media:

- Our homepage – lantabus.com
- WFMZ-TV 69 News Storm Center
- The Morning Call – www.mcall.com

- www.lehighvalleylive.com
- LANTA's Facebook – www.facebook.com/LANTALehighValley
- LANTA's Twitter – www.twitter.com/LANTALV
- And the myStop bus tracker!

Also, our call center is open Weekdays, Saturdays, and Sundays. Passengers may call the LANTA Bus offices at: 888-253-8333

SNOW EMERGENCY DETOURS

- ATC = Allentown Transportation Center
- BTC = Bethlehem Transportation Center
- EITC = Easton Intermodal Transportation Center
- LVM = Lehigh Valley Mall Transit Center
- LVIA = Airport Multimodal Transportation Center
- NB (Northbound), SM (Southbound), EB (Eastbound), WB (Westbound)
- Routes are identified by their route number and direction if only one heading is affected

102 EB/WB - Lehigh Valley Hospital Cedar Crest to Bethlehem

Allentown:

EB/WB- No service on 4th St. Between Hamilton St. and Tilghman St.

EB- Regular service to ATC, then (R) Church, (R) Turner, (L) 6th St., (R) Tilghman St. and resume regular service at 4th St.

WB- Regular service to Tilghman & 4th St., via Tilghman St., (L) 7th St., (L) Hamilton St., (L) 6th St., (L) ATC, to regular route.

103 NB - South Bethlehem to Northampton

Allentown:

- NB & SB no service on Greenleaf St., N. 4th St., or Fairmont St.
- Regular service to Washington St. (L) Washington St., (R) MacArthur Rd. to Lehigh Valley Mall.

South Bethlehem:

- NB & SB service will not operate on 4th St. between Daly Ave. and Hayes St.
- Regular route to Daly Ave., (R) Daly Ave., (L) Hayes St., (R) 4th St., to regular route.

103 SB - Northampton to South Bethlehem

Allentown:

- Regular service to MacArthur Rd. & Fairmont St., via MacArthur Rd./7th St. to Greenleaf and resume regular route.

South Bethlehem:

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) 4th, to regular route.

104 NB - Emmaus to Lehigh Valley Mall

Emmaus:

- NB & SB no service on N. 3rd or Harrison St.

NB- Regular service to Chestnut and 3rd St. via Chestnut/Main St/State Ave to State Ave. & Harrison St. to regular route.

SB- Regular service to State Ave. & Harrison St., via State Ave/Main/Chestnut St. to N. 3rd St., to regular route.

105 NB - South Bethlehem to Lehigh Valley Mall***South Bethlehem:***

- NB & SB service will not operate on 4th St. between Daly Ave. and Hayes St.
- Regular route to Daly Ave., (R) Daly Ave., (L) Hayes St., (R) 4th St., to regular route.

105 SB - Lehigh Valley Mall to South Bethlehem***South Bethlehem:***

- Regular service to 4th & Hayes St., (L) Hayes St. (R)Daly Ave., (L) 4th, to regular route.

106 NB – EITC to Northampton Crossings***Easton:***

NB- No service on Lehigh St, Walnut St, Washington St, 17th St , and 18th St.

- Regular service to Northampton & 5th St., via Northampton St., (L) 13th St., (R) Butler St., to regular route.

SB- No service on Lehigh St, Walnut St, Washington St, 17th St , and 18th St.

- Regular service to 18th & Butler St., (L) 13th St., (R) Northampton St. to 5th St., to regular route.

107 WB - Bethlehem via Crest Plaza to Village West

- No service to Roma office Center.

108 NB/SB - Fountain Hill via Bethlehem to Bethlehem Square

NB /SB- No service on Ostrum st between Mohican St and Bishopthorpe St

NB - Route operates from Bishopthorpe St. & Ostrum St., (L) Ostrum., (L) Tombler st (L) Delaware Ave., to regular route

SB- Route operates regular service to Delaware Ave & Mohican St., continue on Delaware Ave. to (R) Bishopthorpe St, (L) Ostrum st, (L) Tombler st, (L) Delaware Ave.,

209 EB/WB - Lehigh Carbon Community College (LCCC) to Cumberland Gardens***Allentown:***

- EB & WB no service on 19th St. between Liberty & Tilghman St., Liberty, 16th or Allen St.
- Regular service to 19th & Tilghman St., (L) Tilghman, (R) 9th St., to regular route

South Allentown:

- EB & WB no service on Susquehanna St. between 4th & Filbert St., Filbert St., E. Cumberland St., or S. Carlisle St. (Cumberland Gardens).

- Regular service to S. 4th St., (R) S. 4th, (R) Mountainville Plaza (former K-Mart).

WB- Route will operate from Mountainville Plaza (former K-Mart), (L) S. 4th St., (L) Susquehanna St. to regular route.

- Regular service to 8th & Allen St. via 8th St., (L) Tilghman St., (R) 19th to regular route.

210 NB/SB - South Mall to LV Mall***Allentown:***

- NB & SB no service on American Parkway or Gordon St.
- Regular service to Hamilton St. & American Parkway, via Hamilton St., (L) Front St. to Gordon St. to regular route.

SB- Regular service to Front & Gordon St. via Front St. (R) Linden St. to regular route.

211 NB – Lehigh Valley Hospital Cedar Crest – Presidential Village***Allentown:***

- NB & SB no service on Union St. or 15th.

- Regular service to 24th & Union St. via 24th St (R) Hamilton St. resume regular route at 15th.
- NB & SB no service on Washington or 14th St.
- Regular service to 8th & Tilghman St. (L) Tilghman St., (R) 12th St., (L) Roth Ave., (R) 15th St., (R) Highland Ave., resumes regular route at 14th & Highland.

Whitehall Township:

- Service terminates at Whitehall Square and will not operate on Presidential Dr. Turnaround in Whitehall Square.

211 SB - Presidential Village to Lehigh Valley Hospital Cedar Crest

Allentown:

- Regular service to 14th & Highland, via Highland St., (L) 15th St., (L) Roth Ave., (R) 12th St., (L) Tilghman St, (R) 9th to regular route
- Regular service to 15th & Hamilton (L) Hamilton St., (R) 24th St., to regular route.

214 NB - EITC to Chrin Commerce Centre

South Easton NB:

- No service to Shiloh Church
- Regular service to Centre & Berwick, continue on Berwick to regular route towards Easton Food Market.

217 NB - Bethlehem to Slate Belt

Bangor:

- No service to Roseto, bus turns around at 1st & Pennsylvania (Sonoco)

218 EB - Fogelsville to Allentown

- No service between Allentown Treatment Center and Fogelsville Weis.
- Regular service from Fogelsville Weis to Allentown via Tilghman St., (R) on 17th St., (L) on Turner St., (R) on 7th St., to ATC

218 WB - Allentown to Fogelsville

Allentown:

- No service on Chew St., & Turner St., between 17th and 22nd St.
- Regular service to Chew & 17th St., (R) on 17th St., (L) to Tilghman St., to regular route.

Fogelsville:

- No service beyond Fogelsville Weis to Allentown Treatment Center.
- Regular service to Tilghman & PA 100, (R) on PA 100, (L) Glenlivet, (R) Weis Plaza, (L) prior to Weis Market.

220 EB/WB – Allentown – Bethlehem - Easton

Bethlehem:

Northampton Community College:

- Only serves NCC if college is open; only operates via Oakland Rd to service NCC

Easton:

WB- Regular service to Northampton & 6th St., continue on Northampton to (L) 13th St, (R) Butler St., to regular route

EB - Regular service to 13th & Butler St., (L) 13th St., (R) Northampton St., to regular route.

312 NB/SB – NCC to BTC

- No service to Nazareth. No service on Farmersville, Green Pond, Hecktown, and PA 191 to Nazareth. All Trips follow Oakland Rd to NCC Penn Hall.

323 NB – Penn State LV to ATC***Allentown:***

- No service on Oxford Dr., Devonshire Rd., 31st St., or Hillcrest Ave.

324 NB - Allentown – Lehigh Valley Airport

Allentown:

- NB & SB no service on American Parkway or Gordon St.
- Regular service to Hamilton St. & American Parkway, via Hamilton St., (L) Front St., to regular route.
- Regular service to Front & Gordon St. then remain on Front to (R) Linden St. onto regular route at American Parkway.

325 NB/SB - LVM to Palmerton via LCCC***Coplay/Egypt:***

- NB & SB no service on W Coplay Rd, Coplay Rd, or Main St between MacArthur and Coplay Roads.
- Regular service to Ruch & Ash St., (L) Chestnut St. (R) PA 145 MacArthur Rd., (L) Main St., to regular route.

SB- Regular service to Main St. & PA 145 MacArthur Rd, (R) PA 145 MacArthur Rd (L) Chestnut St. (at the Sheetz), (R) Ruch St. to regular route.

327 NB – Fountain Hill to Bethlehem Square***Fountain Hill:***

- Route operates regular service starting at Ostrum St & Bishopthorpe St.

327 SB – Bethlehem Square to Fountain Hill***Fountain Hill:***

- No service on Ostrum St or Mohican St
- Regular route to Delaware Ave. (L) Bishopthorpe St. (L) Ostrum St, (L) Tomblor St

400's ASD Direct Routes

- No Service

500's Flex Routes

- No Service

603 NB - Jefferson & Lehigh to Lehigh Valley Mall***Allentown:***

- NB & SB no service on Liberty St., 16th St., or Allen St.
- Regular route to 17th & Liberty St., (R) Tilghman, (L) 6th St., to regular route.

SB- Regular route to 7th St. & Tilghman St., (R) Tilghman St., (L) 17th St., to Liberty, remain on 17th to regular route.

605 - Commerce Center Blvd Loop

- service will not operate on 4th St. between Daly Ave. and Hayes St and Lynfield.
- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) Lynn Ave., (R) Spillman Dr., Layover to Recover Time, (R) Emery St., (L) Route 412 to regular route.

LANtaBus Snow EMERGENCY ROUTE GUIDE

This Snow Emergency Route Guide provides LANtaBus riders with a list of route changes that may be implemented during a declared snow emergency. Route changes may be implemented system wide or by individual route.

LANta Bus notifies passengers about the Snow Emergency Detours through the following media:

www.LANtaBus.com
wfmz.com - Storm Center
WFMZ-TV 69 News
www.lehighvalleylive.com
www.mcall.com

"Various area radio stations also broadcast cancellation reports submitted to the WFMZ Storm Center"

Passengers may call the LANtaBus offices at 888-253-8333

For updates on detours and service:

NOTES:

- ATC = Allentown Transportation Center
- BTIC = Bethlehem Transportation Center
- EITC = Easton Intermodal Transportation Center
- LVM = Lehigh Valley Mall Transit Center
- LVA = Airport Multimodal Transportation Center
- NB (northbound), SB (southbound), EB (eastbound), WB (westbound)
- Routes are identified by their route number and direction if only one heading is affected

Snow Emergency Detours

102 EB/WB - Lehigh Valley Hospital Cedar Crest to Bethlehem

Allentown:

- EB/WB - No service on 4th St. Between Hamilton St. and Tighman St.
- EB - Regular service to ATC, then (R) Church, (R) Turner, (L) 6th St., (R) Tighman St., and resume regular service at 4th St.
- WB - Regular service to Tighman & 4th St., via Tighman St., (L) 7th St., (L) Hamilton St., (L) 6th St., (L) ATC, to regular route.

103 NB - South Bethlehem to Northampton

Allentown:

- NB & SB no service on Greenleaf St., N. 4th St., or Fairmont St.
- Regular service to Washington St. (L) Washington St., (R) MacArthur Rd. to Lehigh Valley Mall.

South Bethlehem:

- NB & SB service will not operate on 4th St. between Daly Ave. and Hayes St.
- Regular route to Daly Ave., (R) Daly Ave., (L) Hayes St., (R) 4th St., to regular route.

103 SB - Northampton to South Bethlehem

Allentown:

- Regular service to MacArthur Rd. & Fairmont St., via MacArthur Rd./7th St. to Greenleaf and resume regular route.

South Bethlehem:

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) 4th, to regular route.

104 NB - Emmaus to Lehigh Valley Mall

Emmaus:

- NB & SB no service on N. 3rd or Harrison St.
- NB - Regular service to Chestnut and 3rd St. via Chestnut/Main St/State Ave to State Ave. & Harrison St. to regular route.
- SB - Regular service to State Ave. & Harrison St., via State Ave/Main/Chestnut St. to N. 3rd St., to regular route.

105 NB - South Bethlehem to Lehigh Valley Mall

South Bethlehem:

- NB & SB service will not operate on 4th St. between Daly Ave. and Hayes St.
- Regular route to Daly Ave., (R) Daly Ave., (L) Hayes St., (R) 4th St., to regular route.

105 SB - Lehigh Valley Mall to South Bethlehem

South Bethlehem:

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) 4th, to regular route.

106 NB - EITC to Northampton Crossings

Easton:

- NB - No service on Lehigh St. Walnut St., Washington St., 17th St., and 18th St.
- Regular service to Northampton & 5th St., via Northampton St., (L) 13th St., (R) Butler St., to regular route.
- SB - No service on Lehigh St. Walnut St., Washington St., 17th St., and 18th St.
- Regular service to 18th & Butler St., (L) 13th St., (R) Northampton St. to 5th St., to regular route.

107 WB - Bethlehem via Crest Plaza to Village West

Village West

- No service to Roma office Center.

108 NB/SB - Fountain Hill via Bethlehem to Bethlehem Square

Bethlehem

- NB/SB - No service on Ostrum st. between Mohican St. and Bishopthorpe St.
- NB - Route operates from Bishopthorpe St. & Ostrum St., (L) Ostrum, (L) Tomblor st (L) Delaware Ave., to regular route.
- SB - Route operates regular service to Delaware Ave. & Mohican St., continue on Delaware Ave. to (R) Bishopthorpe St. (L) Ostrum st., (L) Tomblor st., (L) Delaware Ave., to regular route.

400's ASD Direct Routes

500's Flex Routes

603 NB - Jefferson & Lehigh to Lehigh Valley Mall

Allentown:

- NB & SB no service on Liberty St., 16th St., or Allen St.
- Regular route to 17th & Liberty St., (R) Tighman, (L) 6th St., to regular route.

603 SB - Lehigh Valley Mall to Jefferson & Lehigh

Allentown:

- Regular route to 7th St. & Tighman St., (R) Tighman St., (L) 17th St., to Liberty, remain on 17th to regular route.

605 Commerce Center Blvd Loop

- service will not operate on 4th St. between Daly Ave. and Hayes St. and Lyndford.

605 Commerce Center Blvd Loop

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) Lynd Ave., (R) Spillman Dr., Layover to Recover Time, (R) Emory St., (L) Route 412 to regular route.

Allentown:

- Regular route to 7th St. & Tighman St., (R) Tighman St., (L) 17th St., to Liberty, remain on 17th to regular route.

605 Commerce Center Blvd Loop

- service will not operate on 4th St. between Daly Ave. and Hayes St. and Lyndford.

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) Lynd Ave., (R) Spillman Dr., Layover to Recover Time, (R) Emory St., (L) Route 412 to regular route.

Allentown:

- Regular route to 7th St. & Tighman St., (R) Tighman St., (L) 17th St., to Liberty, remain on 17th to regular route.

605 Commerce Center Blvd Loop

- Regular service to 4th & Hayes St., (L) Hayes St. (R) Daly Ave., (L) Lynd Ave., (R) Spillman Dr., Layover to Recover Time, (R) Emory St., (L) Route 412 to regular route.

Allentown:

- Regular route to 7th St. & Tighman St., (R) Tighman St., (L) 17th St., to Liberty, remain on 17th to regular route.

211 NB - Lehigh Valley Hospital Cedar Crest - Presidential Village

Allentown:

- NB & SB no service on Union St. or 15th St.
- Regular service to 24th & Union St. via 24th St. (R) Hamilton St. resume regular route at 15th St.
- NB & SB no service on Washington or 14th St.

Whitehall Township:

- Regular service to 8th & Tighman St., (L) Tighman St., (R) 12th St., (L) Roth Ave., (R) 15th St., (R) Highland Ave., resumes regular route at 14th & Highland.

Whitehall Township:

- Service terminates at Whitehall Square and will not operate on Presidential Dr. Turnaround in Whitehall Square.

211 SB - Presidential Village to Lehigh Valley Hospital Cedar Crest

Allentown:

- Regular service to 14th & Highland, via Highland St., (L) 15th St., (L) Roth Ave., (R) 12th St., (L) Tighman St., (R) 9th to regular route
- Regular service to 15th & Hamilton (L) Hamilton St., (R) 24th St., to regular route.

214 NB - EITC to Chrin Commerce Centre

South Easton NB:

- No service to Shish Church
- Regular service to Centre & Berwick, continue on Berwick to regular route towards Easton Food Market.

217 NB - Bethlehem to State Belt

Bangor:

- No service to Roseto, bus turns around at 1st & Pennsylvania (Sonoco)

218 EB - Fogelsville to Allentown

Allentown:

- No service between Allentown Treatment Center and Fogelsville Weis.
- Regular service from Fogelsville Weis to Allentown via Tighman St., (R) on 17th St., (L) on Turner St., (R) on 7th St., to ATC

218 WB - Allentown to Fogelsville

Allentown:

- No service on Chew St., & Turner St., between 17th and 22nd St.
- Regular service to Chew & 17th St., (R) on 17th St., (L) on Tighman St., to regular route.

Fogelsville:

- No service beyond Fogelsville Weis to Allentown Treatment Center.
- Regular service to Tighman & PA 100, (R) on PA 100, (L) Glenlivet, (R) Weis Plaza, (L) prior to Weis Market.

220 EB/WB - Allentown - Bethlehem - Easton

Bethlehem:

- Northampton Community College:
- Only serves NCC if college is open; only operates via Oakland Rd to service NCC

Easton:

- WB - Regular service to Northampton & 6th St., continue on Northampton to (L) 13th St., (R) Butler St., to regular route

EB - Regular service to 13th & Butler St., (L) 13th St., (R) Northampton St., to regular route.

212 NB/SB - NCC to BTIC

EB - Regular service to 13th & Butler St., (L) 13th St., (R) Northampton St., to regular route.

- No service to Nazareth. No service on Farmersville, Green Pond, Hecktown, and PA 191 to Nazareth. All Trips follow Oakland Rd to NCC Penn Hall.

223 NB - Penn State LV to ATC

Allentown:

- No service on Oxford Dr., Devonshire Rd., 31st St., or Hillcrest Ave.

224 NB - Allentown - Lehigh Valley Airport

Allentown:

- NB & SB no service on American Parkway or Gordon St.
- Regular service to Hamilton St. & American Parkway, via Hamilton St., (L) Front St., to regular route.

225 NB/SB - LVM to Palmerton via LCCC

Coplay/Egypt:

- NB & SB no service on W Coplay Rd, Coplay Rd, or Main St between MacArthur and Coplay Roads.
- Regular service to Ruch & Ash St., (L) Chestnut St. (R) PA 145 MacArthur Rd., (L) Main St., to regular route.

227 NB - Fountain Hill to Bethlehem Square

Fountain Hill:

- Route operates regular service starting at Ostrum St & Bishopthorpe St.

227 SB - Bethlehem Square to Fountain Hill

Fountain Hill:

- No service on Ostrum St or Mohican St

- Regular route to Delaware Ave. (L) Bishopthorpe St. (L) Ostrum St. (L) Tomblor St



Snow Emergency Detours

Due to weather related emergencies, LANtaBus may suspend all service or declare a full or modified snow emergency. When operating in "Full Snow Emergency", LANtaBus will operate all of the detours listed in this brochure. Under a "Modified Snow Emergency", LANtaBus will operate some of these detours. The detours being followed will be communicated to the riding public. When buses are operating on a "Snow Emergency Detour", riders may board or alight from the bus at any LANtaBus bus stop along the detour route. Buses will serve all bus stops along the detour route.



Snow Emergency Detours

Due to weather related emergencies, LANtaBus may suspend all service or declare a full or modified snow emergency. When operating in "Full Snow Emergency", LANtaBus will operate all of the detours listed in this brochure. Under a "Modified Snow Emergency", LANtaBus will operate some of these detours. The detours being followed will be communicated to the riding public. When buses are operating on a "Snow Emergency Detour", riders may board or alight from the bus at any LANtaBus bus stop along the detour route. Buses will serve all bus stops along the detour route.



SNOW EMERGENCY PARKING

THE FOLLOWING LOTS WILL BE AVAILABLE FOR RESIDENTS DURING
SNOW EMERGENCIES

LOT NAME

LOCATION

Spiral Deck

Linden St. between 8th & 9th

Allentown Transportation Center

6th & Linden Sts

NOTE: Weekdays – Vehicles may ONLY park from 6:00 PM to 7:00 AM

Weekends – Vehicles may ONLY park from Friday 6:00 PM to Monday 7:00 AM

STATE HIGHWAYS/CITY LIMITS

AIRPORT ROAD - UNION BLVD. TO HANOVER TOWNSHIP LINE

AUBURN ST. - S. 5TH TO LEHIGH STS.

CEDAR CREST BLVD. - PARKWAY BLVD. TO HIGHLAND ST.

DAUPHIN ST. - UNION BLVD. TO LLOYD ST.

EMAUS AVE. - S. BRADFORD TO S.W. 31ST STS.

FISH HATCHERY ROAD - 24TH ST TO CEDAR CREST BLVD

FRONT ST. & FULLERTON AVE. - TILGHMAN ST. TO SUMNER AVE.

HAMILTON ST. & HAMILTON BLVD. - 15TH TO 30TH STS.

IRVING ST. - UNION BLVD. TO HANOVER TWSP. LINE (UNDERPASS)

LEHIGH ST. - UNION TO S.W. 31ST STS.

OXFORD DR. - LEHIGH TO HAMILTON STS.

SUSQUEHANNA ST. - S. 4TH TO NORMANDY STS.

TILGHMAN ST. - SPRINGHOUSE ROAD TO LEHIGH RIVER

UNION BLVD. - LEHIGH RIVER TO CLUB AVE.

UNION ST. - LEHIGH TO 7TH STS.

S. 4TH ST. - SUSQUEHANNA TO NORMANDY STS.

S. 5TH ST. - SUSQUEHANNA TO AUBURN STS.

7TH ST. - UNION TO 7TH ST. BRIDGE OVER THE JORDAN CREEK

15TH ST. - HAMILTON TO TILGHMAN STS.

19TH ST. - TILGHMAN ST. TO ROTH AVE.

BRIDGE RESPONSIBILITIES

8TH ST. BRIDGE FROM UNION ST. TO LEHIGH ST. (PENNDOT)
FRONT ST BRIDGE @ UKE'S (CITY)
TILGHMAN ST BRIDGE OVER JORDAN (PENNDOT)
TILGHMAN ST BRIDGE OVER LEHIGH (PENNDOT)
HAMILTON ST. BRIDGE OVER CEDAR CREEK

COUNTY BRIDGES

AUBURN ST. BRIDGE OVER TROUT CREEK
BASIN ST. BRIDGE OVER LITTLE LEHIGH RIVER
4TH ST. BRIDGE NORTH OVER SUMNER AVE & JORDAN CREEK
HAMILTON ST. BRIDGE OVER JORDAN CREEK
HAMILTON ST. BRIDGE OVER LEHIGH RIVER
KLINES BRIDGE OVER LITTLE LEHIGH CREEK IN LEHIGH PARKWAY
LEHIGH ST. BRIDGE OVER LITTLE LEHIGH CREEK
LINDEN ST. BRIDGE OVER JORDAN CREEK
OXFORD DR. OVER LITTLE LEHIGH BY CREDIT UNION
RATHBURN BRIDGE ON DEVONSHIRE ROAD OVER LITTLE LEHIGH CREEK
READING ROAD OVER CEDAR CREEK (AKA WALNUT ST.)
UNION ST. BRIDGE OVER JORDAN CREEK

STATE BRIDGES

CEDAR CREST BLVD. BRIDGE OVER CEDAR CREEK
8TH ST BRIDGE (ALBURTIS L. MEYERS)
HAMILTON ST. BRIDGE OVER CEDAR CREEK
ROUTE 309 BY-PASS BRIDGE OVER LITTLE LEHIGH CREEK
7TH ST BRIDGE OVER JORDAN CREEK
7TH ST BRIDGE OVER SUMNER AVE
TILGHMAN ST BRIDGE OVER JORDAN CREEK
TILGHMAN ST BRIDGE OVER LEHIGH RIVER

CITY BRIDGES

ALBERT ST. BRIDGE SOUTH OVER TROUT CREEK
AMERICAN PARKWAY BRIDGE OVER LEHIGH RIVER
BOGERTS COVERED WOODEN BRIDGE
CATALINA ISLAND BRIDGE OVER LITTLE LEHIGH CREEK
CHAPEL AVE BRIDGE OVER TROUT CREEK
DIXON ST FOOTBRIDGE OVER TROUT CREEK
DOWNYFLAKE LANE BRIDGE OVER RAILROAD TRACKS
5TH ST BRIDGE SOUTH OVER TROUT CREEK
15TH ST CORRIDOR BRIDGE OVER MLK AND OVER LITTLE LEHIGH CREEK
FRONT ST BRIDGE
GORDON ST BRIDGE OVER JORDAN CREEK

LEHIGH PARKWAY CONCRETE BRIDGE OVER LITTLE LEHIGH CREEK
MARTIN LUTHER KING JR DR OVER CEDAR CREEK
OTT ST BRIDGE OVER CEDAR CREEK
SCHREIBERS ARCH BRIDGE OVER LITTLE LEHIGH CREEK

2ND ST BRIDGE SOUTH OVER TROUT CREEK
SUSQUEHANNA ST BRIDGE
SWINGING BRIDGE OVER LITTLE LEHIGH CREEK
10TH ST BRIDGE SOUTH OVER LITTLE LEHIGH CREEK
TREXLER PARK BRIDGE OVER CEDAR CREEK
UNION BLVD BRIDGE OVER ABANDONED RAILROAD TRACKS
UNION ST BRIDGE OVER CEDAR CREEK
UNION ST FOOTBRIDGE OVER CEDAR CREEK

LOCATIONS TO CHECK FOR DRIFTING

TILGHMAN ST. - CEDAR CREST BLVD. TO SPRINGHOUSE ROAD

SPRINGHOUSE ROAD - TILGHMAN ST. TO LINDEN ST.

MARTIN LUTHER KING, JR. DRIVE

LEHIGH ST. - VULTEE ST. TO OVERPASS (309)

MITCHELL AVE. - NORTH OF EMAUS AVE.

S.W. 28TH ST. - NORTH OF EMAUS AVE.

PEARL AVE. - 28TH ST. TO OXFORD DR.

CONGRESS ST. - AIRPORT RD. TO PLYMOUTH ST.

SHERMAN ST. AND COLUMBIA ST.

MACK BLVD. - S. 8TH ST UNDERPASS TO DEVONSHIRE RD.

Snow Removal in Alleys

Snow removal in alleys, when an emergency has been declared, has become a major concern for the City.

Due to the development of many residential living units in these areas it is imperative that we approach removal efforts in an aggressive, and progressive, manner in order to address these concerns. To achieve this, we have divided the City into two zones, which would establish 5 work areas; two (2) in Zone A – East of American Parkway N.E, and three (3) in Zone B – West of American Parkway N.E

In approaching this effort, the individual assigned to a work crew (or group of work crews) is directed to follow the order of removal by street, and direction, as outlined below, unless otherwise directed:

Zone A – Work Area #1

USE WASTEWATER DUMP SITE

- Railroad Street - Turner to Furnace
- Sycamore Street - Ridge Ave to Front
- Brick Street - Liberty - Furnace
- Limestone Street - Chew to Liberty
- Bellevue Street - Chew to Liberty
- Balance of Alleys in the Wards as necessary

Zone A – Work Area #2

USE WASTEWATER DUMP SITE

(Move to East Allentown)

USE KECK PARK DUMP SITE

- Chestnut Street - Railroad to Third
- Bryan Street - Ridge to Front
- Oak Street - Railroad to Second
- Pine Street - Second to Bellevue
- Maple Street - Bradford to Carlisle
- Hickory St - Bradford to Carlisle
- Brook Street - Walnut to Union

Zone B – Work Area #1

(North/South Alleys)

USE JORDAN PARK DUMP SITE

- Chestnut Street - Railroad to Third
- Penn Street - Linden to Tilghman
- Mohr Street - Liberty to Tilghman
- Elliger Street - Cedar to Whitehall
- Elliger Street - Allen to Liberty
- Jute Street - Liberty to Allen

Zone B – Work Area #2

(North/South Alleys)

*USE CEDAR BEACH PARKING
LOT DUMP SITE*

- Church Street - Linden to Liberty
 - Hall Street - Chestnut to Liberty
 - Silk Street - Liberty to Tilghman
 - Lumber Street - Chew to Cedar
 - Fountain Street - Linden to Washington
 - Hazel Street - Liberty to Allen
 - Howard Street - Turner to Chew
 - Poplar Street - Linden to Turner
 - Blank Street - Union to Hazel
-

Zone B – Work Area #3

(East/West Alleys)

USE JORDAN PARK DUMP SITE

UNLESS OTHERWISE NOTED

*** USE WASTEWATER DUMP SITE**

- Pine Street - Fountain to 10th
- Oak Street - Fountain to 10th
- Oak Street - 11th to 12th
- Chestnut Street - 10th to 12th
- Court Street - 10th to 12th
- Maple Street - 11th to 12th
- Maple Street - 10th to Fountain
- Maple Street - 9th to 8th
- Hall Street - Union to Walnut
- Chestnut Street - 4th to Penn*
- Oak Street - 4th to Penn*
- Oak Street - 5th to Church*
- North Street - 4th to Penn*
- Warren Street - 15th to 16th
- Utica Street - 16th to West
- Maple Street - Madison to 14th

The orders of streets shown for snow removal were selected primarily on population.

If field conditions should warrant modification of the plan to be more functional, the person shall make the modification, record the change and inform their relief person at shift change. The modification will be discussed at a post-storm meeting that follows the event



City of Allentown, PA

Snow Operations: Deicing & Abrasives Stormwater Pollution Prevention Standard Operating Procedure

Snow Operations	
Purpose of SOP	To document the Best Management Practices adopted by the City of Allentown for the storage, management, and application of materials during operations to remove snow, and to treat public streets, parking lots and City owned properties while ensuring public safety.
MS4 Permit Reference	Part A 5. (c)
Approver	Streets Superintendent, Bureau of Streets
Date/Revision #	11/12/2024 Rev#1

1. Scope

This SOP describes Best Management Practices (BMPs) adopted by the City for road salt (chloride-based deicers), abrasives and other solid and liquid chemicals that may be used in combination with mechanical removal methods (such as plowing) to minimize accidents during the winter months. Activities described in the SOP are performed in coordination with the Snow Emergency Plan in Reference 11.4.

2. Introduction

Snow operations can become sources of pollution as a result of storage practices and overapplication of deicing materials if proper measures are not implemented.

3. Definitions

Abrasives/antiskid materials: Materials which serve to provide a temporary friction layer on the road surface.

Anti-icing: Proactive method of preventing snow and ice from bonding to pavement.

De-icing: Application of a deicing material to the roadway after a snowfall event has occurred and the snow has bonded to the roadway.

Pretreating: Mixing a non-caking liquid into a stockpile of salt before it is applied.

Prewetting: The process of coating a solid deicer with a liquid before it is spread on a roadway.

4. **Responsibilities**

- *Bureau of Streets* is responsible for snow removal and deicing operations in the City's road right-of-way and City parking lots as assigned in the Snow Emergency Plan.
- *Parks and Recreation Department* performs snow removal and deicing operations at Parks' facilities and as assigned in the Snow Emergency Plan.
- *Bureau of Recycling & Solid Waste* performs snow removal and deicing operations at its facilities and as assigned in the Snow Emergency Plan.
- *Building Maintenance and other City staff* may engage in minor treatment of sidewalks and building entrances using bagged or boxed deicing materials and as assigned in the Snow Emergency Plan.

5. **Best Management Practices Incorporated into Daily Procedures**

5.1. **Salt, Deicer and Abrasives Storage**

Improper storage of winter maintenance materials can impact stormwater runoff during all seasons when inventories are maintained.

- Cover for salt, other deicers and anti-icers and mixtures thereof. Salt and other chemical deicers are stored in a covered, permanent structure or container at all times, unless actively loading. Containment structures should be permanent in their construction and made of materials that are not subject to salt corrosion.
- Temporary storage of salt and other chemical deicers outside designated permanent structures is not recommended. Temporary storage piles must be covered with impermeable, adequately secured tarpaulin at all times when not actively used.
- Impervious Bottom. Salt and other chemical deicers will only be stored on an impervious surface such as a concrete slab or an asphalt. The use of a tarp or other material as an impervious bottom is not adequate, unless specifically designed and certified to meet regulatory requirements as described in reference 11.1.
- Liquid chemicals need to be stored in labeled tanks. Proper secondary containment for tanks and associated auxiliary equipment (pumps, valves, dispensers) should be provided.
- Management of Run-on and Run-off. Salt, antiskid, and other deicer materials and mixes must be stored away from storm drain inlets and other conveyance structures. Storage structures must provide adequate barriers to prevent run-on into the storage pile and to minimize erosion. Run-off from salt and other chemical deicer piles should be eliminated, contained, recycled or disposed into the sanitary sewer or any other approved method. Diverted and captured run-off containing salt material can be returned to the storage pile or managed as salt brine.
- Antiskid materials that are not mixed with salt or chemical deicers can be stored outside enclosures but methods to reduce runoff contamination and pile erosion should be implemented. Such methods include use of tarps, silt fences, berms and other methods of containment to prevent entrance of contaminated runoff into storm drains.

5.2. Deicer Preparation, Transfer and Loading

- Various solid deicing mixes of salt and antiskid are prepared on site, inside a covered building, utilizing front loader equipment.
- Best management practices during the mixing process include minimization of spilled materials outside covered area and reducing of dropping heights to minimize dusting.
- In house preparation of liquid deicing solutions occurs inside the maintenance garage in dedicated equipment and the resulting solution is pumped into the storage tanks outside.
- Anti-icing solution is purchased and is delivered into the dedicated tank that is provided with secondary containment.
- Loading de-icing materials in dispensing trucks occurs in the area adjacent to storage. Applied good management practices include avoidance of overfilling loader and truck, and minimization of drop heights to prevent spillage. Care should always be taken not to overfill any of the containers utilized.

5.3. Abrasives, Deicer, Anti-icer, Use and Application

- Alternative methods to reduction of deicers and abrasives include snow removal methods such as mechanical means to remove snow, plowing, shoveling, or blowing should be used as much as possible. Snow fences can help reduction of blowing snow.
- Abrasives increase friction thus salt/antiskid mix is used for improved safety during freezing rain when salt alone is washed away quickly.
- Deicing Material. Prior to each winter season, the City will assess prior years maintenance and use of deicing materials, and to the extent practical, will select the materials and mix that has the least impact on water quality while still effectively meeting public safety needs.
- Anti-icing. Liquid anti-icing materials can effectively reduce the amount of deicing material necessary for a storm event. Anti-icing applications should be conducted per manufacturer's recommendations.
- Pre-wetting chemicals accelerate the brine making process, which improves the melting action of the material and contributes to a reduction in their use.
- The City maintains proper inventories of all winter maintenance materials to minimize and eliminate outside storage or overflow from the designated storage buildings and containers.
- Equipment Calibration. All equipment will be calibrated in accordance with the manufacturer's instructions and the specified applications rates for the various material being applied. Calibration will include plowing speed and applicable spreader settings. The manufacturer's instructions are maintained at the Streets Department facility and referenced prior to each winter storm event.
- Application Rate. The City will use the lowest application rate that will effectively treat surfaces to meet safety needs as recommended by various references including annual PennDOT Local Technical Assistance Program (LTAP) training.

- The City maintains winter snow and ice control procedures that outline levels of service, application rates and plowing frequency for various areas including awareness of salt vulnerable locations.
- The City utilizes various weather services to forecast storms and select the most efficient combination of maintenance procedures according to conditions.
- The spreader will be turned off while loading and any time the vehicle is not moving forward.
- Trucks loaded with de-icing material will be parked under cover whenever possible.

5.4. Deicer Cleanup and Spill Control

- Loading areas will be swept frequently to prevent salt or sand build-up and run-off and recycle swept material inside storage facility. At a minimum, loading areas should be inspected and swept following each storm event or other period when handling occurs. Spilled deicing materials will be collected and reused or disposed of properly.
- Street Sweeping. The City conducts routine street sweeping beginning in spring to clean up debris and other materials that collect during winter months, including salt, sand, and other deicers.
- Small Applications. To the extent practical, small amounts of salt, sand, and deicing materials applied to sidewalks or building entrances by City staff will be swept up and recycled/disposed of properly when weather conditions allow.
- Vehicle Washing at Streets and Garage municipal facility. Spreading and other equipment used during deicing operations and materials preparation will be washed at the designated wash station draining to sanitary sewer.
- Do not dump left over road salt or brine after finished with a run, clean out truck using dry methods prior to washing the truck. Recovered solid abrasives/antiskid from street sweepings during spring campaign can be recycled immediately inside the salt/antiskid building, or if free of salt, it can be used as road subbase on City property or roads, filling for potholes and other fill.
- Accidental, large spillage of salt solution from the single wall tanks utilized for storage can be addressed by facility personnel through implementation of methods for containment within facility stormwater structures. The closest stormwater inlets should be blocked promptly with adequate storm drain covers. Use plugs in pipes leading outside the facility. Remove the inlet covers and vacuum out structures. Surfaces can be power washed inside the inlets. Collected salt solution can be recycled/reused after concentration adjustments.

5.5. Snow Storage, Dump Areas

- See Appendix 1: Snow Dump Site Locations with Stormwater Infrastructure. These locations include Jordan Park and Kline's Island Wastewater Treatment Plant.
- Consideration must be given to the disposal of snow removed from roadways. This snow may contain higher concentrations of roadway salts, sediment, other pollutants and litter. The City has designated snow dumping areas in its Snow Emergency Plan.

Considerations for selection of snow dumping areas include:

- Areas where abrasives and other debris will be contained (depressed areas) after snowmelt for later removal.
- Areas away from drainage systems and/or private or public drinking water well supplies (more than 100 feet due to the possible presence of road salt).
- Take preventive measures to avoid impact or blockage of stormwater infrastructure with debris, sediment and ice utilizing appropriate stormwater BMP including filter inlets, silt fences, temporary/permanent construction fences etc.
- Remove all debris and sediment from storm drains, ditches and basins at the end of winter season.

Do not dump accumulated snow:

- Into waterways, wetlands, or on top of storm drains.
- On stream or riverbanks that slope toward the water, where abrasives and debris can get into the watercourse.
- In stormwater management/green infrastructure BMP areas.

6. Communications

Emphasize communication and coordination for municipal departments and operations and with county and state agencies according to the Snow Emergency Plan.

7. Safety

Adopt general safety procedures according to department requirements.

8. Training

- All personnel who perform winter maintenance activities related to road, parking lot, right of way and City properties must be trained per this SOP with a frequency determined by department manager.
- Training material for this SOP and Best Management Practices for snow operations is developed in house or may be provided by a vendor or outside agent such as LTAP.

9. Records

Records are maintained by various City departments involved with winter maintenance activities and include used materials and amounts, inventories, materials Safety Data Sheets (SDS), materials quality certificates, application rates, applications frequencies, inventory of maintenance locations and areas, weather records, equipment calibration records, sweeping records for roads, right of way, parking lots, stormwater inlet cleaning, personnel training, etc. The records are maintained in various formats including paper located in various files, electronic versions saved on the N drive, or Lucity work order system.

10. Documentation

Documents including this SOP, SDS, Snow Emergency Plan and regulations are maintained in various formats and are reviewed at least annually.

11. References

- 11.1 PAG03 Authorization to Discharge Under The National Pollutant Discharge Elimination System (NPDES) General Permit For Discharges Of Stormwater Associated With Industrial Activity, PaDEP

- 11.2 Quick Resource Guide for Winter BMP, PaDEP
- 11.3 Disposal/Reuse of Street Sweeping Debris and Antiskid, PaDEP Bureau of Waste Management
- 11.4 City of Allentown Snow Emergency Plan.
- 11.5 [//www.penndot.gov/TravelInPA/Winter/Pages/Winter-Operations.aspx#maintenance](http://www.penndot.gov/TravelInPA/Winter/Pages/Winter-Operations.aspx#maintenance)
[IconFile=https://www.penndot.gov/PublishingImages/PennDOT-keystone-logo.png](https://www.penndot.gov/PublishingImages/PennDOT-keystone-logo.png)

12. Appendices

Appendix 1: Snow Dump Site Locations with Stormwater Infrastructure.

13. Modifications and Review Tracking

Rev #	Date of Revision or Review	Summary of Modifications
0	2/17/2021	Document issuance in accordance with the updated SWMPP submitted to PaDEP in 2020.
NA	02/14/2022	Annual Review.
NA	05/11/2023	Annual Review.
1	10/31/2024	Included references to Allentown City Snow Emergency Plan. Added Appendix 1: Snow Dump Site Locations with Stormwater Infrastructure.

SHOVELING SNOW

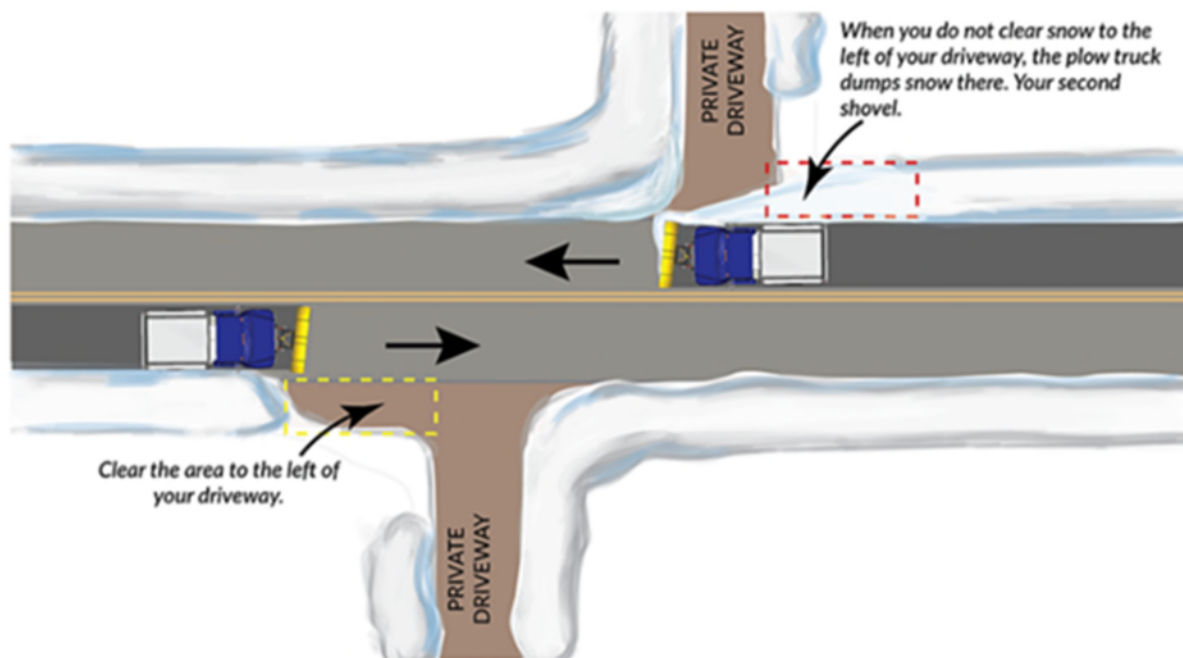
DRIVEWAYS

1. The City endeavors to clear as much snow and ice from the road as possible to expedite traffic and make travel safer. When City snow plow trucks clear roads, they'll make multiple passes up and down the roads over an extended period of time. While snow is not intentionally pushed into residential driveways, unfortunately it's unavoidable and snow will accumulate.
2. The City recommends that residents wait until the snow plows finish clearing the streets before shoveling driveway entrances.

SIDEWALKS

3. Residents are responsible for clearing snow and ice from sidewalks along their property. It's also recommended to wait until the snow plows finish, because snow cleared from the roads can push into sidewalks.

How to Prevent the "Second Shovel"!



Preventing Snow Shovel Injuries

Dos:

- Dress in layers
- Stay hydrated
- Pre-treat with salt or ice-melt before it starts snowing
- Shovel only fresh powdery snow
- Shovel a few times during and then after a major snowfall
- Push the snow rather than lift it
- Use an ergonomically-designed snow shovel

Don'ts:

- Shovel after eating a heavy meal
- Smoke cigarettes before, during and directly after shoveling
- Rush, instead take frequent, 15-minute breaks
- Lift the heavy snow shovel with your back
- Throw the snow over your shoulder
- Leave a snow blower running while unattended

