



SNOW AND ICE CONTROL PLAN

Contents

PUBLIC SERVICES STAFFING	2
EQUIPMENT.....	2
EQUIPMENT MAINTENANCE	2
MATERIALS STORAGE	2
PURPOSE.....	3
OBJECTIVE.....	3
LEVEL OF SERVICE – PRIORITY 1.....	3
LEVEL OF SERVICE – PRIORITY 2.....	4
LEVEL OF SERVICE – PRIORITY 3.....	5
LEVEL OF SERVICE – PRIORITY 4.....	6
EMERGENCY RESPONSE	9
WINTER PARKING BANS.....	9
DRY RUNS	9
GENERAL MATERIAL APPLICATION PROCEDURES.....	10
WINTER SIDEWALK MAINTENANCE.....	12
PRIORITY 1 SIDEWALKS	12
PRIORITY 2 SIDEWALKS	12
SNOW REMOVAL (REMOVAL OF SNOW BANKS).....	16
Priority 1 Snow Removal Streets.....	16
Priority 2 Snow Removal Streets.....	16
Priority 3 Snow Removal Streets.....	17
SNOW REMOVAL PRIORITY MAP.....	18
PARKING LOT SNOW REMOVAL	19
CONTRACTED PARKING LOT MAPS	20

GENERAL INFORMATION

PUBLIC SERVICES STAFFING

The Auburn Public Services Department is comprised of 65 full time employees assigned to the Public Works Facility, located at 296 Gracelawn Road. 14 employees are assigned to supervisory/administrative functions, 7 employees are assigned to Fleet Maintenance and the remaining 44 are assigned to Highway and Parks Maintenance. The department utilizes 43 Highway/Parks Maintenance and 4 Fleet Maintenance personnel employees to operate equipment during snow and ice control operations. 6 Supervisors are utilized to oversee snow and ice control operations.

Public Services staff runs on a split shift schedule from November 15th to April 15th, on this schedule the majority of the crew work first shift, which is 7:00 am to 3:00 pm, as their straight time shift. Half of them work second shift, which is 3:00 pm to 11:00 pm, as an overtime shift, if road conditions warrant it. The other half of the crew works third shift, which is 11:00 pm to 7:00 am, if road conditions warrant it. 6 employees are assigned to third shift, as their straight time shift, to allow for snow removal in high traffic areas and quicker response to early morning storm events.

EQUIPMENT

The Public Services Department utilizes the following equipment for snow and ice control operations.

- 6 - 12 cyd Plow/Material Spreader Trucks
- 1 - 12 cyd Plow Truck
- 14 - 7 cyd Plow/Material Spreader Trucks
- 3 - 1 Ton Plow/Material Spreader Trucks
- 3 - 3/4 Ton Pickup Plow Trucks
- 1 - Front end Loader Equipped with Plow
- 2 - Road Graders Equipped w/Plow Wings
- 3 - Front end Loaders (loading snow)
- 4 - Sidewalk Tractors Equipped w/Blowers or Plows and Sanders

EQUIPMENT MAINTENANCE

Fleet Maintenance personnel, facilities, equipment and parts are housed at the 296 Gracelawn Road facility. Fleet maintenance personnel are assigned daily repair tasks and routine periodical vehicle maintenance and are critical to keeping snow removal equipment operational during snow and ice events

MATERIALS STORAGE

Materials used in snow and ice control operations are also stored at the 296 Gracelawn Rd facility. Materials and storage capacity is as follows: 1000 tons rock salt, 6000 gallons liquid calcium chloride. Additionally, 10,000 cubic yards of sand is stored in the pit area opposite the Public Services facility. Diesel fuel is also stored at the facility.

PURPOSE

To define the levels of service that the Auburn Public Works Department will endeavor to provide before, during and after winter storm events.

OBJECTIVE

To assist in providing the safest roadway conditions as reasonably possible with the resources available. Since winter storms can vary dramatically, this plan is intended to be flexible enough to accommodate a variety of possible conditions:

1. Rate of Snowfall
2. Timing of Winter Storm
3. Duration of Storm
4. Type of Storm

Department snow and ice control operations are limited by the resources available for winter road maintenance (budget, personnel, equipment, materials). Due to these limited resources, different levels of service have been established for different classes of roadways. Due to traffic volume Priority 1 and Priority 2 roadways require more frequent plowing than Priority 3 and Priority 4 roadways. The City of Auburn does not have a Bare Roads Policy.

LEVEL OF SERVICE – PRIORITY 1

A pre-application of salt and liquid calcium will be applied on Priority 1 roads at the onset of each winter storm event, before there is a significant accumulation of snow or ice on the roadway, this will be done to prevent snow and ice from bonding to the pavement. Salt and liquid calcium will be re-applied to Priority 1 roads throughout the storm, whenever necessary, to maintain a salt brine layer on the pavement surface. During a winter storm event average cycle times for plowing on Priority 1 roads will be between 2 and 2½ hours. These cycle times may increase, depending upon the severity of the storm. Following a winter event, bare travel lanes shall be provided on Priority 1 roads as soon as practicable. In most cases, this will occur within 2 hours of the end of the storm.

Priority 1 Street Listing:

BROAD ST (Mill St to Lown Bridge)
CENTER ST
COURT ST
LONGLY BRIDGE
LOWN BRIDGE

MAIN ST
MECHANICS ROW
MINOT AV
MOUNT AUBURN AV
RIVERSIDE DR

ROTARY
TURNER ST (Joline Dr to Court St)
UNION ST
VETERANS BRIDGE
WASHINGTON ST

LEVEL OF SERVICE – PRIORITY 2

A pre-application of salt and liquid calcium will be applied on Priority 2 roads at the onset of each winter storm event, before there is a significant accumulation of snow or ice on the roadway, this will be done to prevent snow and ice from bonding to the pavement. Salt and liquid calcium may be re-applied to Priority 2 roads throughout the storm, whenever necessary, to maintain a salt brine layer on the pavement surface. During a winter storm event average cycle times for plowing on Priority 2 roads will be between **3** and **4** hours. These cycle times may increase, depending upon the severity of the storm. Following a winter event, bare travel lanes shall be provided on Priority 2 roads as soon as practicable. In most cases, this will occur within 4 hours of the end of the storm.

Priority 2 Street Listing:

ACADEMY ST (Main St to High St)
BROAD ST (Mill St to Hackett Rd)
DANVILLE CORNER RD
DENNISON ST
EAST HARDSCRABBLE RD
ELM ST
FAIRVIEW AV
GAMAGE AV
GARFIELD RD
GOFF ST
GRACELAWN RD
GREAT FALLS PLZ
HACKETT RD
HAMPSHIRE ST
HARMONS CORNER RD
HIGH ST (Minot to Academy)
HOTEL RD

JACKSON HILL RD
JOLINE DR
JORDAN SCHOOL RD (Riverside to Pownal)
KITTYHAWK AV
LAKE ST (From Park to Court)
LAKE AUBURN AV
LAKE SHORE DR
LEWISTON JUNCTION RD
MANLEY RD
MARY CARROLL ST
MERROW RD
MILL ST (Riverside Dr to Ninth St)
NORTH AUBURN RD
OLD DANVILLE RD
PARK AV
POLAND RD
POWNAI RD

RODMAN RD
SEVENTH ST (S. Main St to Truman Av)
SKILLINGS CORNER RD
SOUTH GOFF ST
SOUTH MAIN ST
SPRING ST (Court St to Elm St)
STETSON RD
SUMMER ST (Youngs Cnr to Park Av)
THIRD ST
TRAPP RD
TURNER ST (Route 4 to Joline Dr)
VICKERY RD
WEST AUBURN RD
WEST HARDSCRABBLE RD
WESTERN AV
YOUNGS CORNER RD

LEVEL OF SERVICE – PRIORITY 3

During a winter storm event average cycle times for plowing on Priority 3 roads will be between **4** and **6** hours. These cycle times may increase depending upon the severity of the storm. Some Priority 3 roads such as school areas and problem hills will receive an initial application of salt at the beginning of the storm, this will be done to prevent snow and ice from bonding to the pavement. During plowing operations on Priority 3 roads sand may be applied in critical areas such as intersections, extreme curves and problem hills to try and minimize hazardous road conditions. Once the storm has ended all Priority 3 roads will be treated with sand or salt as needed.

Priority 3 Street Listing:

AIRPORT DR	EASTMAN LN	MARSTON HILL RD
ALLAIN ST	FAIRMOUNT AV	MARTINDALE RD
ALLEN AV	FAIRWAY DR (Beech Hill to Bottom of Hill)	MIAMI AV
ALLIED RD	FIELD AV	MILLETT DR
AUBURN HTS	FIFTH ST (Mill St to Pulsifer St)	MOOSE BROOK RD
AVIATION AV	FLIGHT LINE DR	NINETEENTH ST
BAXTER AV (Caron Ln to Valley St)	FOREST AV	PENLEY CORNER RD
BEAVER RD	GLENDALE AV	PERKINS RIDGE RD
BEECH HILL RD	GOLDTHWAITE RD	PETTENGILL PARK RD
BENNETT AV (Caron Ln to Valley St)	GRANITE ST	PHILOMAR ST
BLACK CAT RD	HARRIS ST	PLEASANT ST (Court St to Turner St)
BOLSTER ST	HATCH RD	PRIDE RD
BRIGHTON HILL RD	HIGH ST (Academy St to Court St)	SHARLAINES XVR
BROOK ST	HERSEY HILL RD	SHERIDAN AV
CARON LN	HOLBROOK RD	SHERWOOD DR
CHARLES ST	JOHNSON RD	SPRING ST (Troy St to Court St)
COOK ST (Fifth St to South Main St)	LAKE ST (Hotel to Park)	STEVENS MILL RD
DAVIS AV (Gamage Av to Granite St)	LAUREL AV	TROY ST (Turner St to Spring St)
DAWES AV	LIBRARY AV	TURKEY LN
DILLINGHAM HILL RD	MAPLE HILL RD	WASHINGTON XVR
DRUMMOND ST	MARIAN DR	WESTERN PROM
DUNN ST (Riverside Dr to Second St)		

LEVEL OF SERVICE – PRIORITY 4

Residential Areas and Low Traffic Volume Roads

During a winter storm event average cycle times for plowing on Priority 4 roads will be between **6** and **8** hours. These cycle times may increase depending upon the severity of the storm. During plowing operations on Priority 4 roads sand may be applied in critical areas such as intersections, extreme curves and problem hills to try and minimize hazardous road conditions. Once the storm has ended all Priority 4 roads will be treated with sand as needed.

Priority 4 Street Listing:

ACADEMY ST (High St to Elm St)	BOONE AV	CHURCH ST
ADAMIAN DR	BOOTHBY ST	CLARK ST
ADAMS AV	BOULDER DR	CLEAVES ST
ALBISTON WY	BOWDOIN ST	CLEVELAND AV
ALDERWOOD RD	BRADMAN PL	CLIFF ST
ALPHA ST	BRADMAN ST	CLIFFORD ST (PE)
AMBERLEY WY	BRAMAN ST	CLOVER LN
AMHERST ST	BRAMBLEWOOD RD	COACHMAN AV
ANDREA LN	BRANDYWINE CIR	COBURN ST
ANDREW DR	BRANN AV (PE)	COLBY ST
ANITA AV (PE)	BRENTWOOD DR	COLONIAL WY
ARBANIA ST	BRETTON AV (PE)	CONANT AV
ARON DR	BRIARCLIFF KNL	CONCORD PL (PE)
ASHE ST	BRICKYARD CIR	CONSTELLATION DR
ATWOOD ST	BRICKYARD XVR	COOK ST (Second St to Fifth St)
AVON ST	BROADVIEW AV	COOLIDGE ST
BARKLEY AV	BROOKDALE LN	CORNELL AV
BARKLEY PL	BROOKSIDE CIR	COTTAGE RD
BARTON AV	BROWN ST	COUNTRY CLUB DR
BAXTER AV (Valley St to Dead End)	BROWNS CROSSING RD	CREST AV
BEACON AV	BURNS ST	CROSS ST
BEARCE ST	BUTLER HILL RD	CROWELL ST
BECK AV	CAMERON LN	CUSHMAN PL
BECKETT ST	CANDIA ST	CYR ST
BEECH HILL RD (Hotel Rd to Martindale Rd)	CANDLEBERRY DR	DAMY DR
BEECH ST	CARLTON ST	DANA AV
BELGRADE AV	CARRIER CT	DANBURY DR
BELLFLOWER DR	CARROLL AV	DAVID DR (PE)
BENJAMIN ST	CARSON ST	DAVIS AV (Granite St to Dead End)
BENNETT AV (Valley St to Dead End)	CEDARWOOD RD	DEE ST
BIRCH PL	CENTER MINOT RD	DEER RIPS RD
BIRCH RD	CHERRY VALE CIR	DEERFIELD DR
BLACKMER ST	CHESTNUT ST	DELL CT
BLAKE ST	CHICKADEE DR	DEROSAY AV
BLANCHARD RD	CHICOINE AV	DEWEY AV (PE)

DEXTER AV
DOLORES ST
DRUMMOND CT
DUNHAM ST (PE)
DUNLAP ST
DUNN ST (Second St to S Main St)
EAGLE VIEW DR
EAST AUBURN LUMBER RD (PE)
EAST BATES ST
EAST DARTMOUTH ST
EAST WATERMAN RD
EDGEWOOD RD
EIGHTH ST
ELMWOOD RD
ENFIELD ST
EVERGREEN RD
FAIR ST
FAIRVIEW CT
FAIRWAY CT
FAIRWAY DR (Circle)
FERN ST
FICKETT RD
FIFTH ST (Pulsifer St To Mary Carroll St)
FIRST FLIGHT DR
FISH HATCHERY RD (PVT)
FLANDERS ST
FLETCHER RD
FOCH ST
FOSTER RD
FOURTH ST
FRENCHS LN
GAMMON AV
GARDEN CIR
GARY ST
GILL ST
GILLANDER AV
GIROUX ST
GOODRICH AV
GOSNOLD ST
GOSS ST
GRANDVIEW AV
GRANGE ST
GRANT ST

GREENFIELD DR
GREENWOOD RD
GROVE ST
HAMPTON AV
HARRIMAN DR
HARRISON CIR
HARVARD ST
HARVEST HILL LN
HASKELL ST
HATFIELD RD
HATHAWAY ST
HAZEL ST
HAZELHURST ST
HEATH LN
HECTOR ST
HELEN ST (PE)
HEMLOCK CIR
HERITAGE DR
HIGHLAND AV
HILDRETH ST
HILLCREST ST
HILLSDALE ST
HILLSIDE AV
HOBART RD
HOLLY ST
HORIZON DR
HORTON ST (PE)
HOUGHTON ST
HOWE ST
HUARD AV
HUNTON PL
HUSTON AV
HUTCHINS ST
INDUSTRY AV
INFINITI WY
INTERURBAN RD
IPSWICH ST
ITTNER AV (PE)
JACQUES RD
JAMES ST
JEFFERSON ST
JENNIFER DR
JOATMON DR

JOFFRE ST
JONES ST
JORDAN AV
JORDAN SCHOOL RD(Pownal Rd to Dead End)
JOSEPH LN (PE)
JOSSLYN ST
KENDALL RD
KENNEDY AV
KILSYTH ST
KYLE LN
LAFAYETTE ST
LAMPLIGHTER CIR
LANE RD
LAUREAT AV
LEAVITT ST
LEHOULLIER DR (PE)
LILLIAN ST
LINDEN ST
LINWOOD AV (PE)
LITTLE ANDROSCOGGIN DR
LITTLE ORCHARD CT
LITTLEFIELD RD
LOCKSLEY RD
LONGBOW CT
LORING AV
LOST VALLEY RD
LOUISE ST
LUCILLE ST
LUFKIN ST (PE)
MADISON ST
MALIBU DR
MAPLE PT
MAPLE ST
MARKALYN ST
MARSHALL AV
MARSTON ST
MARTIN ST
MASON ST
MAYFIELD RD
MCKINNON ST (PE)
MEADOW LN
MELVIN ST (PE)
MERRILL ST

Priority 4 Street Listing (cont):

MINE RD	PINNACLE DR	SHORT ST
MONROE ST	PLEASANT ST (Elm St to Court St)	SILVA ST
MOORE AV	PLUMMER ST	SIMPSONS BEACH RD
MORSE ST	POLIQUIN AV	SIXTEENTH ST
MOUNT APATITE RD	POWDERHORN LN	SIXTH ST
MUG HANDLE	PRINCETON AV	SMALL RD
MUSKET DR	PROSPECT ST	SMITH ST
MYRTLE ST	PULSIFER ST	SNOW AV
NEWBURY ST	QUAIL RUN	SOPERS MILL RD
NEWELL AV	RACHAEL LN	SOUTH ST
NICKERSON AV	RAFNELL ST	SOUTH WITHAM RD
NINTH ST	RAILROAD ST	SPRUCEWOOD RD
NISKAYUNA ST	REED ST	STANLEY ST
NORTH RIVER RD	REGINALD ST	STATION RD
NORTHERN AV	RICHARDSON ST	STEELE RD
NOTTINGHAM RD	RIDGEWOOD AV	STERLING RD
OAK HILL RD	ROAK ST	STEVENS MILL RD (Court St to Minot Av)
OAK ST	ROBIN RD	STONE RD
OAKLAND ST	ROCHELLE ST	STONY RDG
OLD CARRIAGE RD	ROCKHILL AV	SUMMER ST (Union St to Mt Auburn Av)
OLD FARM HL	ROOSEVELT AV	SUMMER ST (Youngs Cnr Rd to W Auburn Rd)
OLD HOTEL RD	ROSE TERR	SUMMIT ST
OLD PORTLAND RD	ROSEWOOD RD	SUNDERLAND DR
OLIVE ST	ROWE ST	SUNSET AV
OMNI CIR	ROY AV	SUNSET CT
ORCHARD ST	ROYAL AV	SURREY LN
OUTLOOK DR	ROYAL RIVER RD	SWETT AV
OWL LN	RUBELLITE LN	TAFT AV
OXFORD ST	RUSSELL AV	TAYLOR ST
PAR FOUR DR	RYANS WY	TAYWOOD RD
PARK WY	SANDY BEACH RD	TEMPLE ST
PARKER ST	SCHOOL ST	TENTH ST
PARTRIDGE LN	SECOND ST	TERRACE RD
PATTON ST	SEVENTEENTH ST	THIRTEENTH ST
PAUL ST	SEVENTH ST (S. Main St to West Dead End)	TOURMALINE LN
PEARL ST	SHARLAINES XVR	TOURNAMENT DR
PIERCE ST	SHEPLEY ST	TOWLE AV
PINE ST	SHERMAN AV	TOWLE ST
PINEWOOD DR	SHERRY LN	TOWNSEND BROOK RD
		TRASK AV

Priority 4 Street Listing (cont):

TROY ST (Spring St to Library Av)	VISTA DR	WILLARD RD
TRUMAN AV	VIVIAN ST	WILLIAMS ST
TURKEY LN	WALNUT ST	WILLOW ST
TWIN RD	WEATHERLY PL	WILSON ST
TYLER ST	WEAVER ST	WINDEMERE WY
UNDERCLIFF RD	WEBSTER ST	WINTER ST
UNIVERSITY ST	WEDGWOOD RD	WITHAM RD
VALERY CIR	WEST BATES ST	WOOD ST
VALLEY ST	WEST DARTMOUTH ST	WOODBURY RD
VALVIEW DR	WEST WATERMAN RD	WOODLAWN AV
VERNON ST	WESTERN VIEW ST	WRIGHTS LNDG
VINE ST	WHITMAN SPRING RD	WYMAN RD
VINING ST	WHITNEY ST	XIVRAY ST
		ZOAR ST

EMERGENCY RESPONSE

In the event of emergency situations, the Public Works Department may be requested, by the Auburn Police Department, Fire Department or 911 Communications Center, to assist them in responding to the emergency by plowing/sanding the area to allow emergency vehicle access. All Public Works units are radio dispatched to allow for immediate response to these requests.

WINTER PARKING BANS

In general, if a winter storm event is predicted, a parking ban will be called. Parking bans are necessary to allow a window of opportunity for Public Works staff to perform snow plowing operations without the interference of parked cars. The Auburn Public Works Department will work closely with the Auburn Police Department to co-ordinate the timing and duration of winter parking bans. Notification of parking bans will be made via radio, television and the City of Auburn website (www.auburnmaine.gov).

DRY RUNS

In preparation for winter road maintenance Public Works employees perform what is known as “dry runs”. This term refers to the operators driving their assigned winter plow route before the winter season, usually in October, to check for things that might interfere with or make plowing difficult or cause damage, such as: manhole covers, water and gas shutoffs, hydrants, low hanging utility wires, low hanging branches, ledge outcroppings, dips and bumps, railroad crossings and bridge abutments. Mailboxes that don’t conform to Post Office standards or granite or steel mailbox post which, if struck by a plow could become deadly projectiles. Newly reconstructed roads are also evaluated for changes like new curbing and traffic islands or narrowed streets. Dry runs also give an opportunity for new employees to be oriented to their plow run before an actual winter event. Dry Runs are also performed by sidewalk plow operators for similar reasons.

GENERAL MATERIAL APPLICATION PROCEDURES

Salt shall be applied in a narrow strip along the centerline of the normal section of highway, unless unusual conditions exist the spinner will be turned off when salt is being applied. The rate of application shall be based upon pavement temperature and snow-ice conditions encountered. Generally, salt will be used when pavement temperatures are below 32 degrees F or above 15 degrees F. Salt application rates on Priority 1 and Priority 2 roadways will be dictated by road temperature and salt will be applied at the following rates:

28-32 degrees – 250 lbs per lane mile

20-28 degrees – 350 lbs per lane mile

15- 20 degrees – 450 lbs per lane mile

Salt application rates should not exceed 500 lbs per lane mile.

Sand/Salt Mix used by Auburn Public Works will be sand mixed with just enough salt to keep the material from freezing when it is stockpiled in small amounts at the Public Works salt shed at 296 Gracelawn Road. The mix ratio should be about 50 lbs of salt to every 7 yards of sand. When pavement temperatures are less than 15 degrees F, salt/sand mixture or sand will be used. In some instances when the pavement is dry and snow is blowing off the pavement, no salt will be used because it could cause the snow to adhere to the roadway. In these cases, considerable judgment will be required on whether to use salt or sand. Normal sand application rates shall be 1000 to 1500 lbs per lane mile. This sand/salt mix is not intended for melting ice, it is meant to provide traction on lower priority roads and at intersections and hills on higher priority roads, when temperatures fall below 15 degrees Fahrenheit. If the desired result is to melt ice then straight salt in conjunction with liquid calcium should be used.

A recommended material application rate chart follows.

AUBURN PUBLIC WORKS – RECOMMENDED MATERIAL APPLICATION RATES

Pavement Temperature Range	INITIAL OPERATION				SUBSEQUENT OPERATION			COMMENTS
	pavement surface at time of initial operation	maintenance action	Chemical Application		Maintenance Action	Chemical Application		
			liquid pre-wet gals/ton	rock salt lbs/mile		liquid pre-wet gals/ton	rock salt lbs/mile	
Above 32°F, steady or rising	Wet, slush, or light snow cover	Plow as needed and monitor pavement temps	No Calcium Chloride	0	Plow as needed and monitor pavement temps	No Calcium Chloride	0	1) Monitor pavement temperature closely for drops toward (32°F) and below 2) Treat icy patches if need with Rock Salt at (100 lb/lane-mi) plow if needed
28°-32°F SALT 1	Wet, slush, or light snow cover	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 4-6 gals/ton	250	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 4-6 gals/ton	100	1) Applications will need to be more frequent at lower temperatures and higher snowfall rates
20°-28°F SALT 2	Wet, slush, or light snow cover	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 6-8 gals/ton	350	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 6-8 gals/ton	250	1) Applications will need to be more frequent at lower temperatures and higher snowfall rates
15°-20°F SALT 3	Wet, slush, or light snow cover	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 8 gals/ton	450	Plow as needed; reapply salt pre-wetted with liquid calcium when needed	Liquid Calcium 10 gals/ton	350	1) Applications will need to be more frequent at lower temperatures and higher snowfall rates
Below 15° steady or falling	Dry or light snow cover	Plow as needed Apply sand/salt mix to intersections and hills as necessary	None	None	Plow as needed Apply sand/salt mix to intersections and hills as necessary	None	None	1) It is not recommended that chemicals be applied in this temperature range 2) Abrasives can be applied to enhance traction 3) On higher speed corridors, if glazing occurs and sand will not stay in travel lanes, higher applications of rock salt may need to be applied with consent of supervisor

NOTES:

CHEMICAL APPLICATIONS. 1) If snow is blowing off the roadway and glazing or pack is not occurring, do not apply materials. (2) Time initial and subsequent chemical applications to prevent deteriorating conditions or development of packed bonded snow. (3) Apply chemical ahead of traffic rush periods occurring during storm. PLOWING. If needed, plow before chemical applications so that excess snow, slush or ice is removed and pavement is wet, slushy or lightly snow covered when treated. OPERATIONS ABOVE 32°. Minor accumulations of slush that do not create a hazard to traffic should be left to melt when temperatures stay above 32°. FREEZING RAIN/SLEET: Freezing rain and sleet will dilute treatments sooner and may require more frequent re-application.

Revised by GW from Maine D.O.T. Application Treatment Recommendations

WINTER SIDEWALK MAINTENANCE

There are approximately 55 miles of City maintained sidewalks in Auburn, approximately 40 miles of this sidewalk are plowed and sanded during the winter months. Winter sidewalk maintenance is prioritized first by proximity to school pedestrian routes then other high pedestrian traffic areas and lastly lower volume areas. Due to current staffing levels the sidewalk machine operators are required to split their time between operating sidewalk plows and plow trucks. Completion of all sidewalk plowing after a snow storm can take several days depending on snowfall amounts. Once all sidewalks are plowed the process of sanding sidewalks is begun. Please see the street prioritization list and school area sidewalk plowing maps that follow.

PRIORITY 1 SIDEWALKS

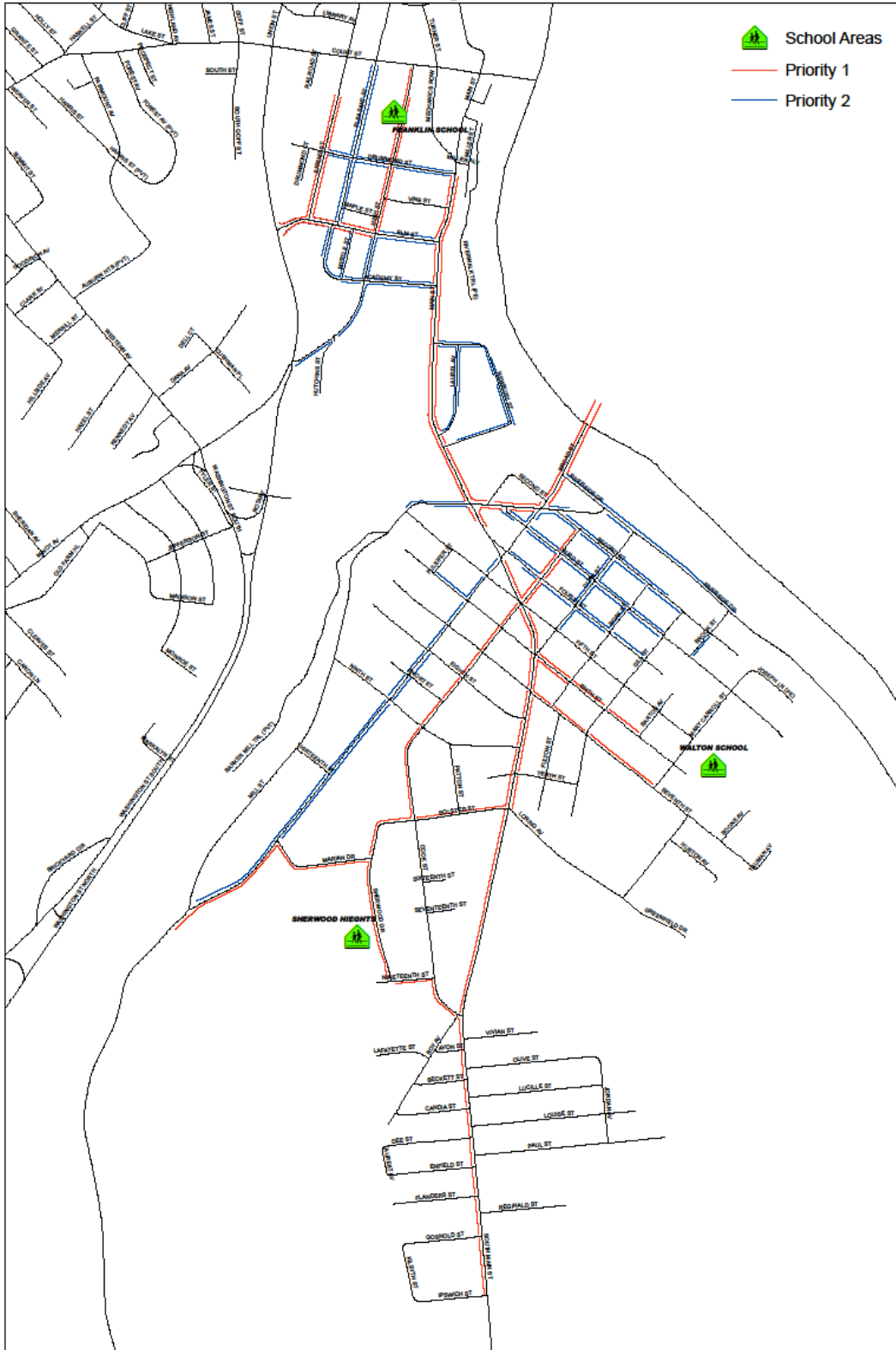
ALLAIN PK	GAMAGE AV	OLD FARM HILL RD
BOLSTER ST	GOFF ST	ORCHARD ST
BROAD ST (MILL ST to MARION DR)	GRANITE ST (COURT ST to DAVIS AV)	PLEASANT ST (COURT ST to HAMPSHIRE ST)
BROAD ST (SECOND ST St to Lewiston)	GREAT FALLS PLZ	POLAND RD (VALLEY ST to PRIDE RD)
COBURN ST (BROADVIEW AV to L. AUBURN AV)	HARRIS ST (COURT ST to E.L.H.S.)	SEVENTH ST (S. MAIN ST to MARY CARROLL ST)
COOK ST (SECOND ST to SHERWOOD DR)	HIGH ST	SHERWOOD DR
COOK ST (NINETEENTH ST to SOUTH MAIN ST)	LAKE AUBURN AV (TURNER ST to COBURN ST)	SIXTH ST (SOUTH MAIN ST to BARTON ST)
COURT ST (MANLEY RD/MINOT AV to MAIN ST)	LIBRARY AV (SPRING ST to TROY ST)	SOUTH MAIN ST (MILL ST to IPSWICH ST)
DAVIS AV (GAMAGE AV to GRANITE ST)	MAIN ST	SPRING ST (ELM ST to HAMPSHIRE ST)
DENNISON ST	MARIAN DR	TURNER ST (Auburn Commons to COURT ST)
E.L. Snake Trail (MINOT AV to E.L.H.S.)	MILL ST (MAIN ST to BROAD ST)	WESTERN AV
FAIRVIEW AV	MINOT AV (MANLEY RD to UNION ST)	WHITNEY ST (LAKE AUBURN AV to CENTER ST)
FERN ST (LAKE ST to GRANITE ST)	NINETEENTH ST	

PRIORITY 2 SIDEWALKS

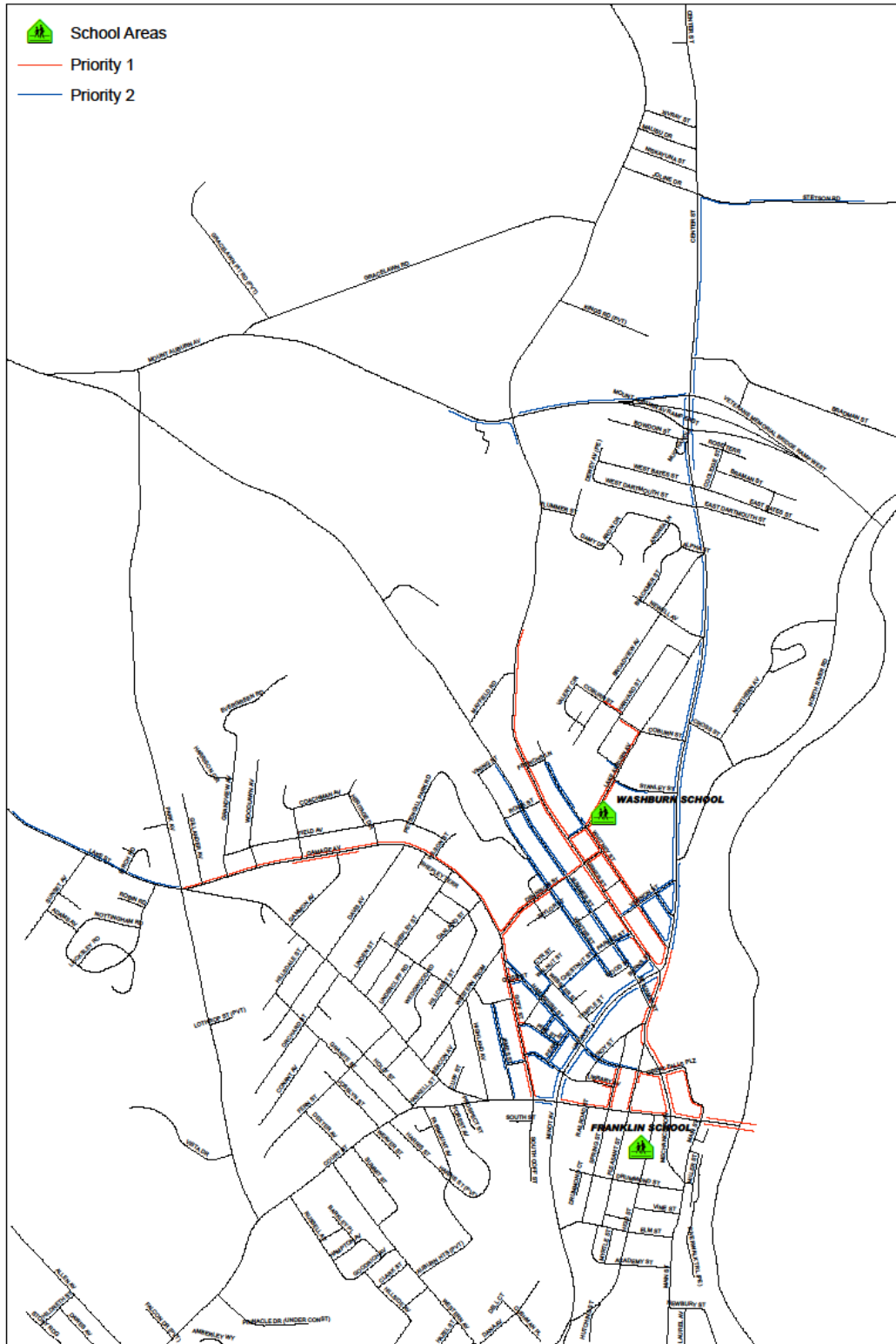
ACADEMY ST	GROVE ST	RIVERSIDE DR(BROAD ST to BROOK ST)
BENJAMIN ST	HAMPSHIRE ST	ROAK ST (THIRD ST to FOURTH ST)
BROAD ST (MARION DR to MILL ST)	HASKELL ST	SCHOOL ST
BROOK ST (SECOND ST to THIRD ST)	HOLLY ST	SECOND ST (BROAD ST to GILL ST)
BURNS ST	JAMES ST	SHEPLEY ST
CARON LN	JOSSLYN ST	SIXTH ST (BROAD ST to PULSIFER ST)
CENTER ST (STETSON RD to TURNER ST)	LAKE ST (SHERMAN AV to COURT ST)	SOUTH GOFF ST
CHESNUT ST	LAUREL AV	STANLEY ST (LAKE AUBURN AV to Credit Union)
CONANT AV	MILL ST (FIFTH ST to MAIN ST)	STETSON RD (CENTER ST to Schooner Estates)
DEXTER AV	MT AUBURN AV (CENTER ST to Walmart)	SUMMER ST
DRUMMOND ST (SPRING ST to MAIN ST)	MYRTLE ST	THIRD ST (BROAD ST to GILL ST)
DUNN ST (SECOND ST to FIFTH ST)	NEWBURY ST	UNION ST
ELM ST	OAK ST	VERNON ST
FAIRMOUNT	PARK AV (LAKE ST to Park Av Church)	WEBSTER ST
FERN ST (GRANITE ST to DEXTER AV)	PARKER ST	WHITNEY ST (FRENCH'S LN to LAKE AUBURN AV)
FOURTH ST (BROAD ST to GILL ST)	PEARL ST	WILLOW ST
GOSS ST	PINE ST	WINTER ST
GRANT ST	PLEASANT ST (ELM ST to COURT ST)	

SIDEWALK PRIORITY MAPS

School Sidewalk Plowing Franklin, Sherwood Heights and Walton Schools

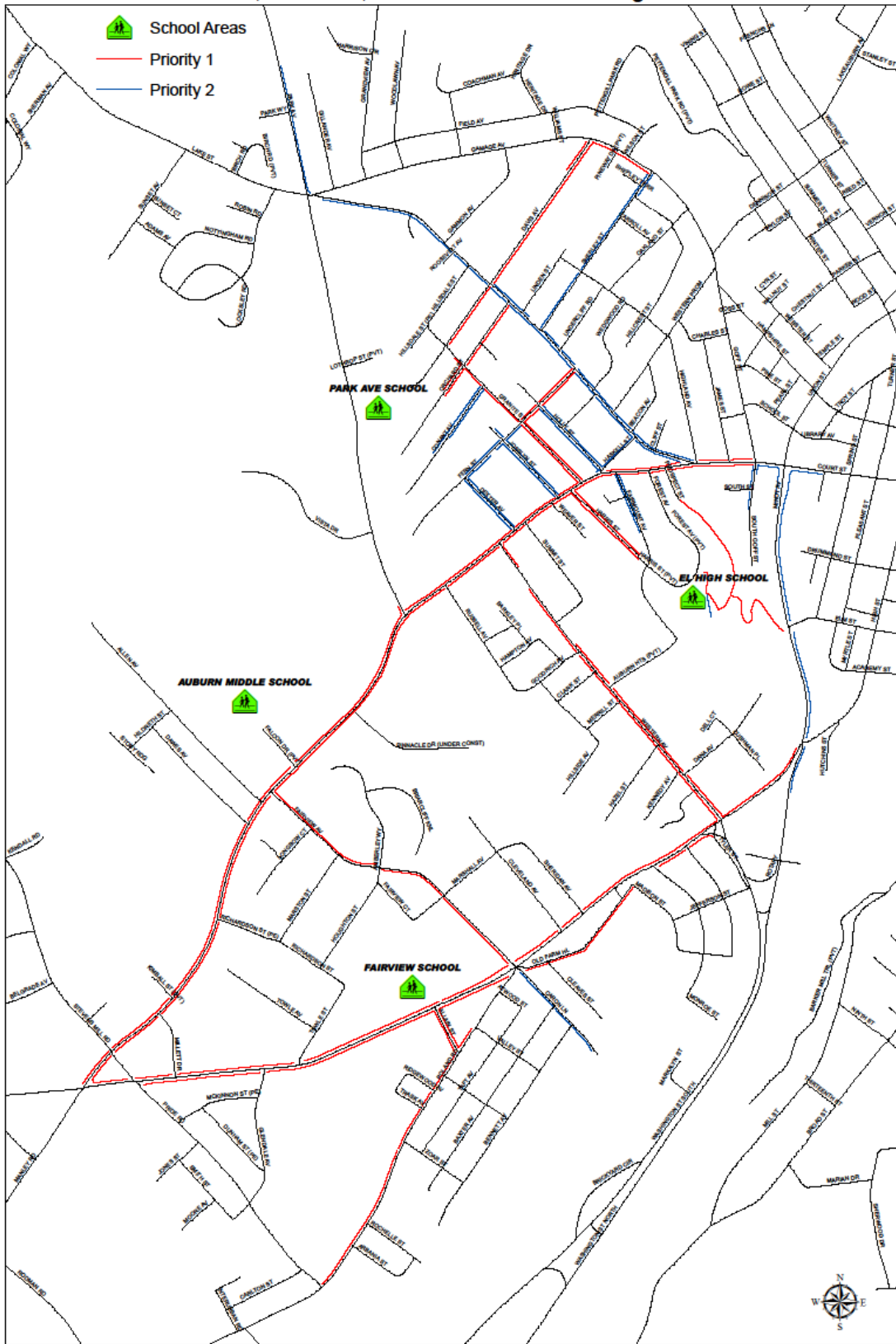


School Sidewalk Plowing Washburn and Franklin Schools



School Sidewalk Plowing

Fairview, Park Ave, Auburn Middle and EL High School



SNOW REMOVAL (REMOVAL OF SNOW BANKS)

Snow Removal of excess amounts of accumulated snow from urban areas and high volume roadways will begin when the department deems it necessary. Driver visibility, street width, parking and snow accumulations will be determining factors as to when snow hauling operations will take place. Areas that receive removal of snow will be prioritized by traffic volume, proximity to schools and areas with on street parking. Removal of snow for drainage will also so be a consideration later in the season when street flooding could be a concern. The Department utilizes road graders to pull the snow from the curb line and create windrows of snow which are then blown into dump trucks by a large, loader mounted snow blower. Some removal is also done by bucket loading into dump trucks. Whenever possible, snow hauling operations will be performed at times which will least impact traffic, this sometimes requires the department to perform snow hauling operations during overnight periods, in or near residential areas. Snow hauling operations may also require some temporary road closures. Please see the list and map which follows for location and priority of snow hauling operations.

Priority 1 Snow Removal Streets

ALLAIN ST	LAKE AUBURN AV (TURNER ST to STANLEY ST)	ROTARY
BROAD ST (RIVERSIDE DR to SIXTH ST)	LONGLEY MEMORIAL BRIDGE	SOUTH MAIN ST (MILL ST to COOK ST)
CENTER ST (TURNER ST to STETSON RD)	MAIN ST	TURNER ST (COURT ST to CENTER ST)
COURT ST (GOFF ST to MAIN ST)	MILL ST (S MAIN ST to RIVERSIDE DR)	WASHINGTON ST (MINOT AV to SHARLAINES XVR)
DENNISON ST (GAMAGE AV to WHITNEY ST)	MINOT AV (UNION ST to MANLEY RD/ COURT ST)	WESTERN AV
GREAT FALLS PLZ	RIVERSIDE DR (BROAD ST to DUNN ST)	WHITNEY ST (L. AUBURN AV to DENNISON ST)

Priority 2 Snow Removal Streets

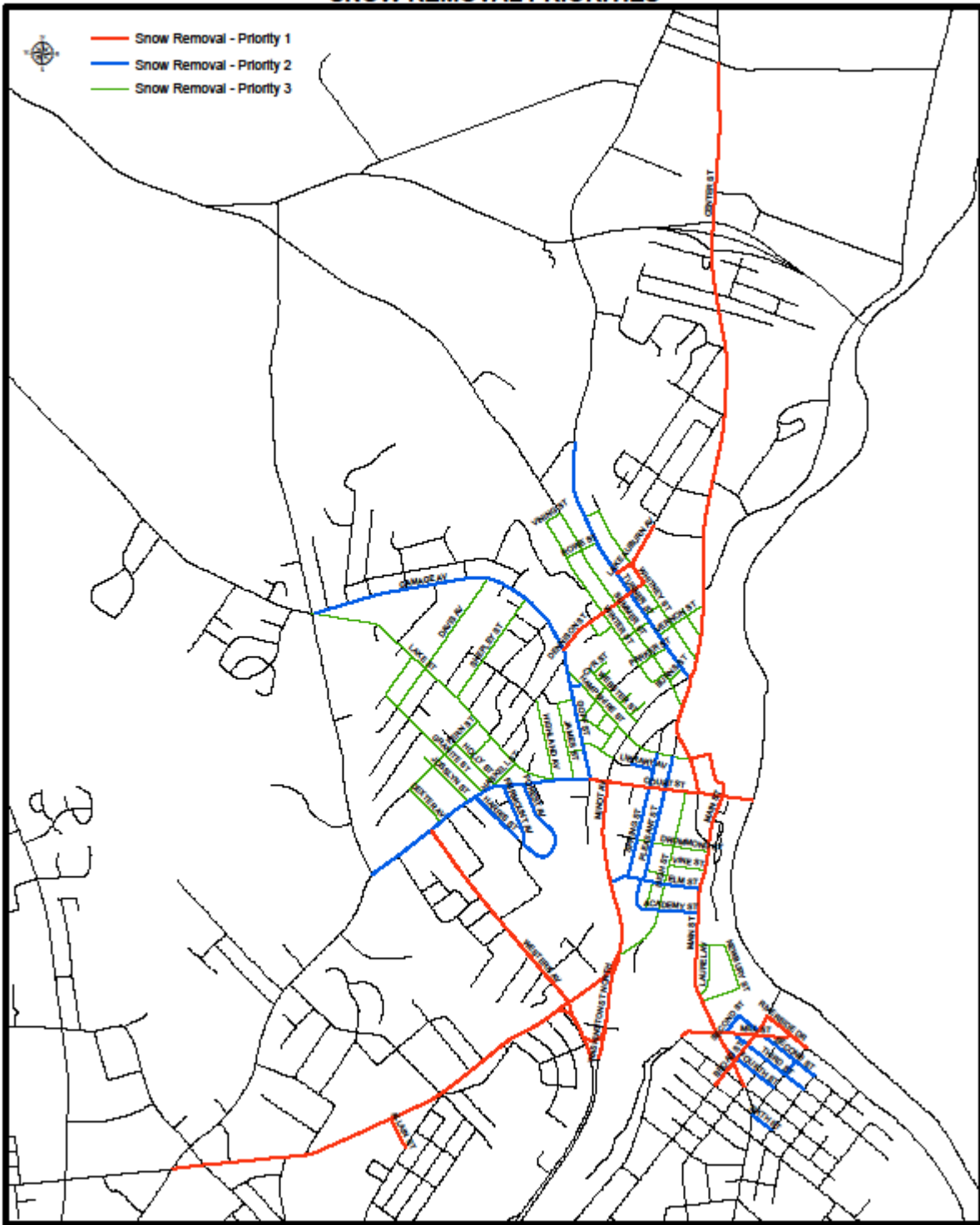
ACADEMY ST (MAIN ST to ELM ST)	GAMAGE AV	SECOND ST (MILL ST to BROAD ST)
COURT ST (PARK AV to GOFF ST)	GOFF ST	SIXTH ST (S MAIN ST to ROAK ST)
DUNN ST (SECOND ST to THIRD ST)	GOSS ST	SPRING ST (ELM ST to HAMPSHIRE ST)
ELM ST	HARRIS ST	THIRD ST (MILL ST to DUNN ST)
FAIRMOUNT AV	LIBRARY AV (SPRING ST to TROY ST)	TURNER ST (CENTER ST to MAYFIELD RD)
FOREST AV	PLEASANT ST (COURT ST to ELM ST)	
FOURTH ST (S MAIN ST to DUNN ST)	SECOND ST (MILL ST to ROAK ST)	

Priority 3 Snow Removal Streets

BEARCE ST	HIGHLAND AV (COURT ST to WESTERN PROM)	SHEPLEY ST
BENJAMIN ST	HILLSDALE ST	SUMMER ST (UNION ST to VINING ST)
BLAKE ST	HOLLY ST	TAYLOR ST
BURNS ST	JAMES ST	TEMPLE ST
CHARLES ST (JAMES ST to GOFF ST)	JOSSLYN ST	VERNON ST
CYR ST	LAKE ST (COURT ST to PARK AV)	VINE ST
DAVIS AV (GAMAGE AV to GRANITE ST)	LAUREL AV	VINING ST
DEXTER AV	MAPLE ST	WALNUT ST
DRUMMOND ST (MAIN ST to SPRING ST)	MYRTLE ST	WEBSTER ST
FERN ST (LAKE ST to DEXTER AV)	NEWBURY ST	WESTERN VIEW ST
FRENCHS LN	OAK ST	WHITNEY ST (FRENCHS LN to L AUBURN AV)
GRANITE ST	PARKER ST	WHITNEY ST (CENTER ST to DENNISON ST)
GRANT ST	PEARL ST	WILLOW ST
GROVE ST	PINE ST	WINTER ST
HAMPSHIRE ST	REED ST	WOOD ST
HASKELL ST	ROWE ST	
HIGH ST	SCHOOL ST	

SNOW REMOVAL PRIORITY MAP

SNOW REMOVAL PRIORITIES



PARKING LOT SNOW REMOVAL

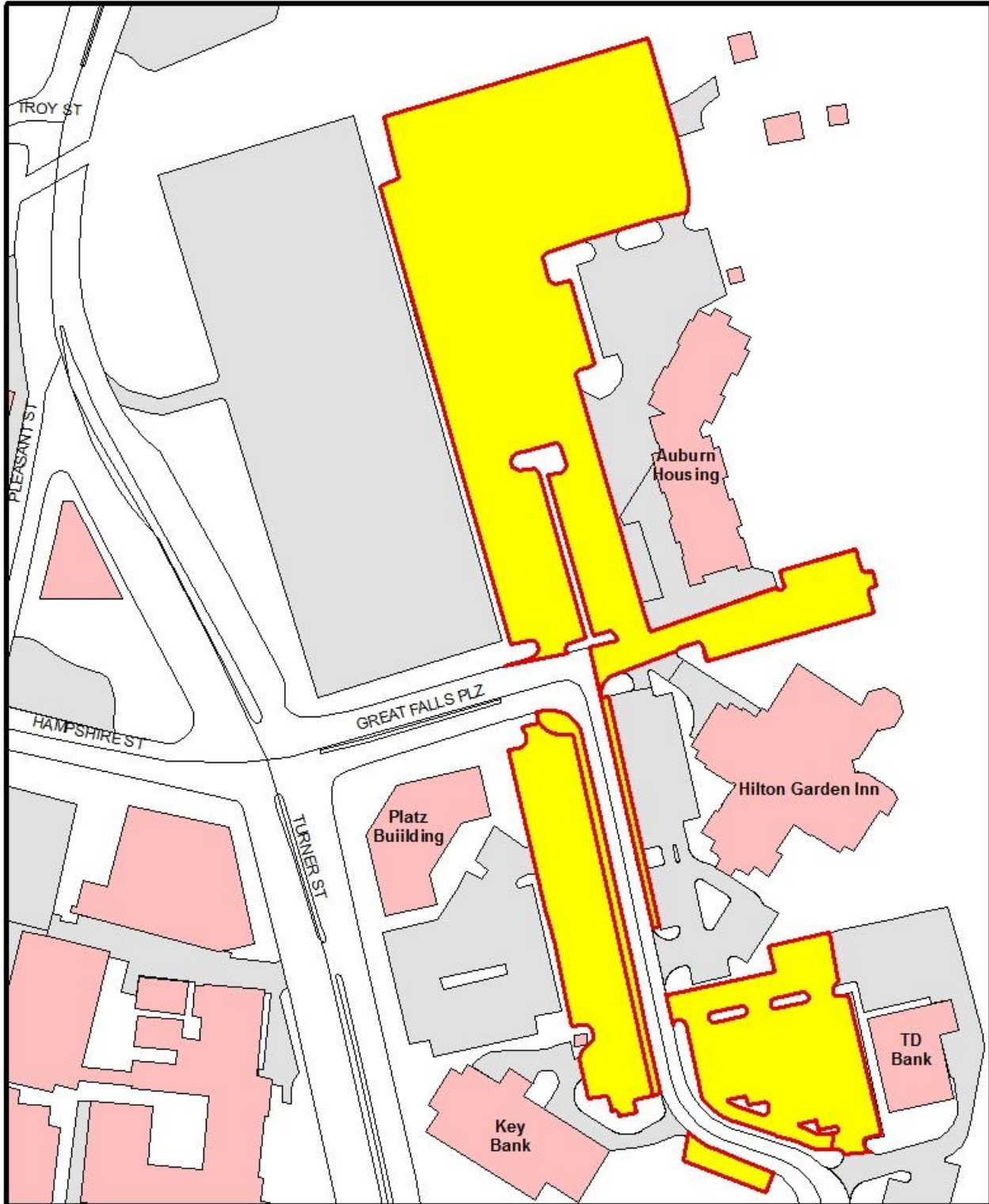
Plowing and snow hauling in City owned parking lots is done using contractors as well as City personnel. Contracted snow removal is done in several parking areas which are as follows: the City owned lots in the Great Falls Plaza area, the interim parking lot at Great Falls Plaza, the Mechanics Row parking lot adjacent to the Blackwatch Restaurant, the Main Street parking lot and area surrounding the City Hall parking garage, the top level of the City Hall parking garage and the Miller Street North and South parking areas behind the Roak Block. Maps of these parking lots are shown on the following pages.

The Parks and Recreation Department is responsible for plowing of the following City facility parking lots: Central Fire/911 Communications Center, Center Street Fire Station (engine 5), South Main Street Fire Station (engine 2), Auburn Library, Auburn Hall Courtyard, Police Station, and the Winter Relief parking areas (Chesnut St, Troy St, Hampshire St, Great Falls School).

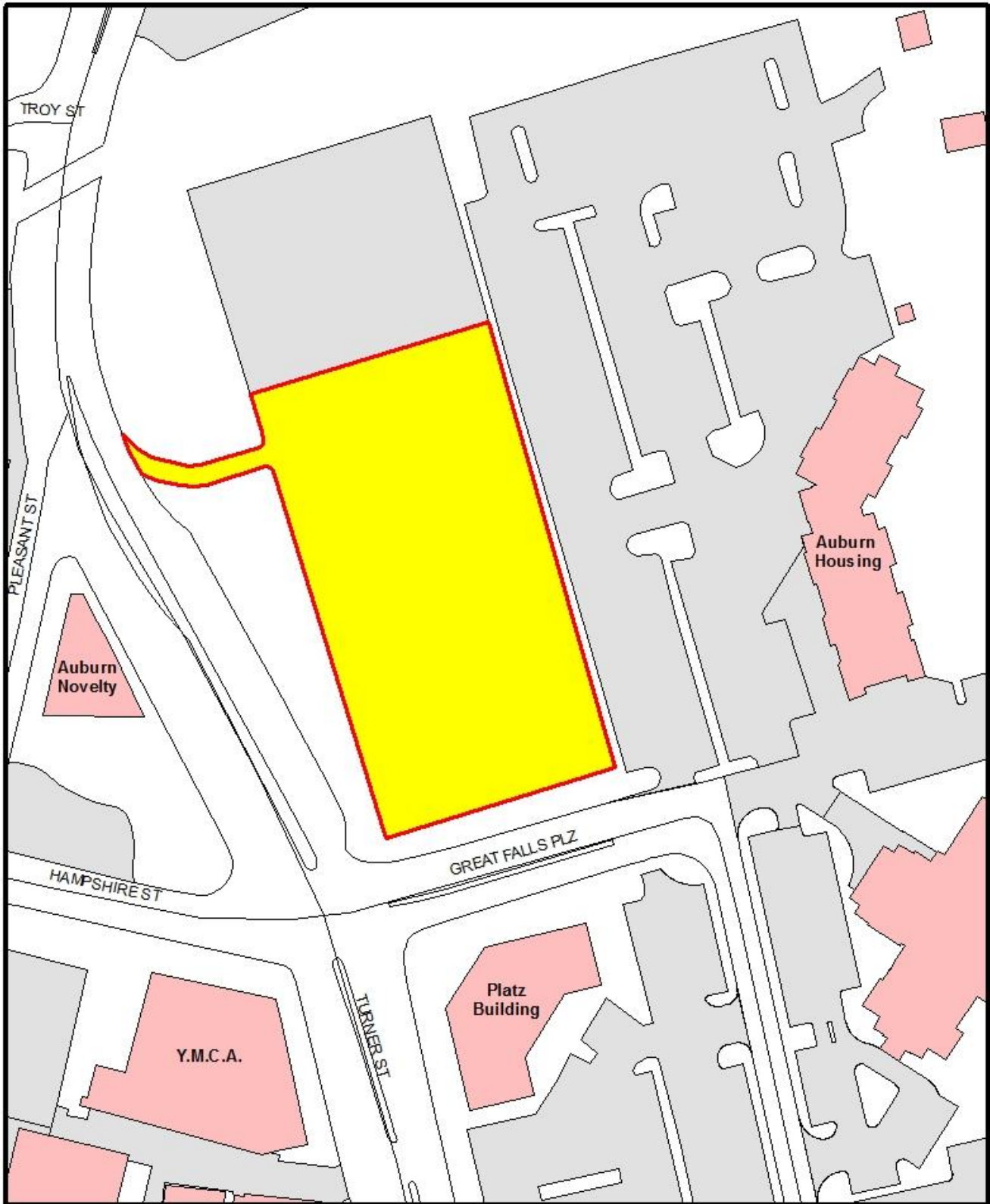
The Public Works Department is responsible for plowing the following parking lots: Cook Street/Second Street lot (across from Boys & Girls Club), Second Street lot (near New Auburn Social Club), and the Drummond Street/Pleasant Street lot.

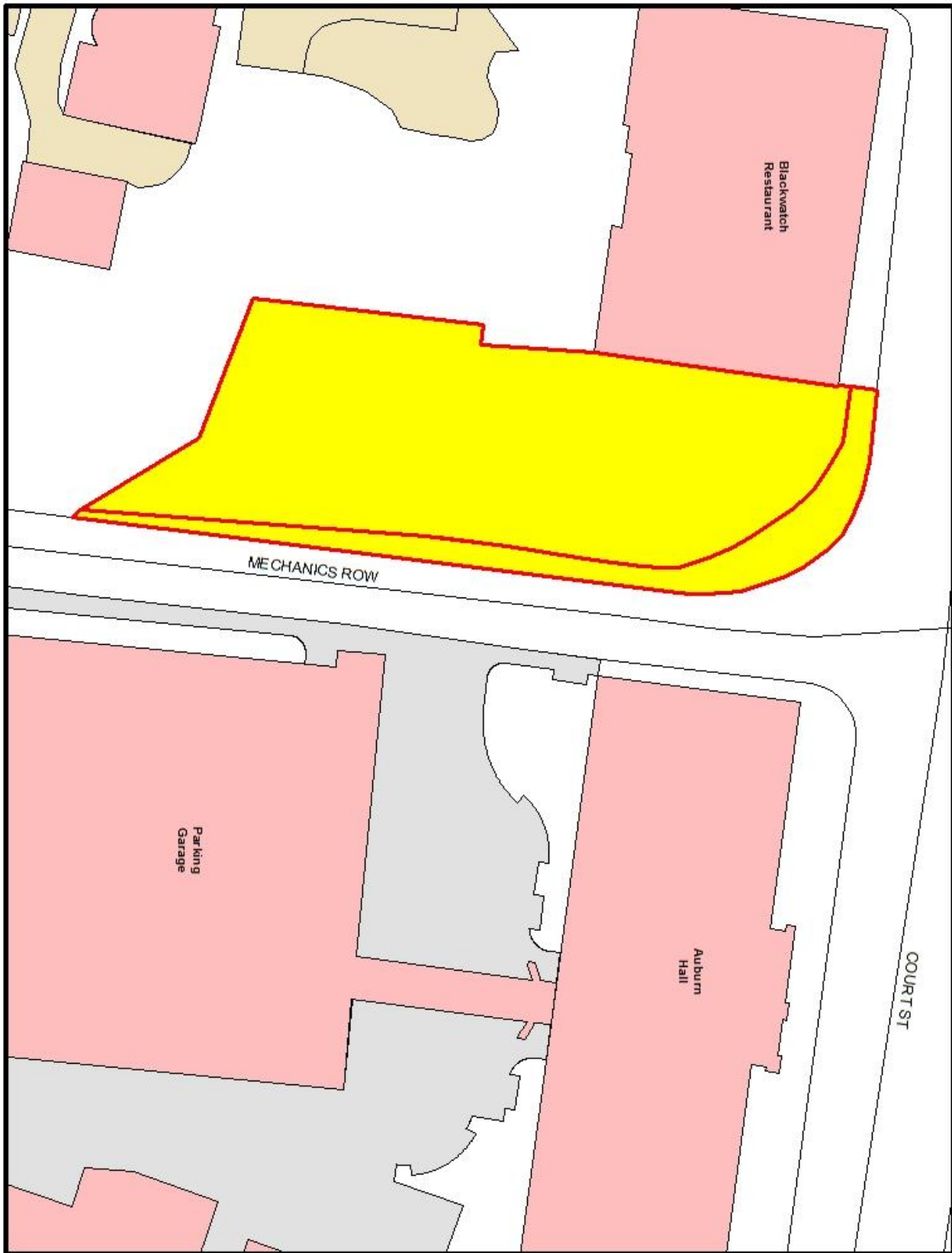
CONTRACTED PARKING LOT MAPS

WORK AREA #1



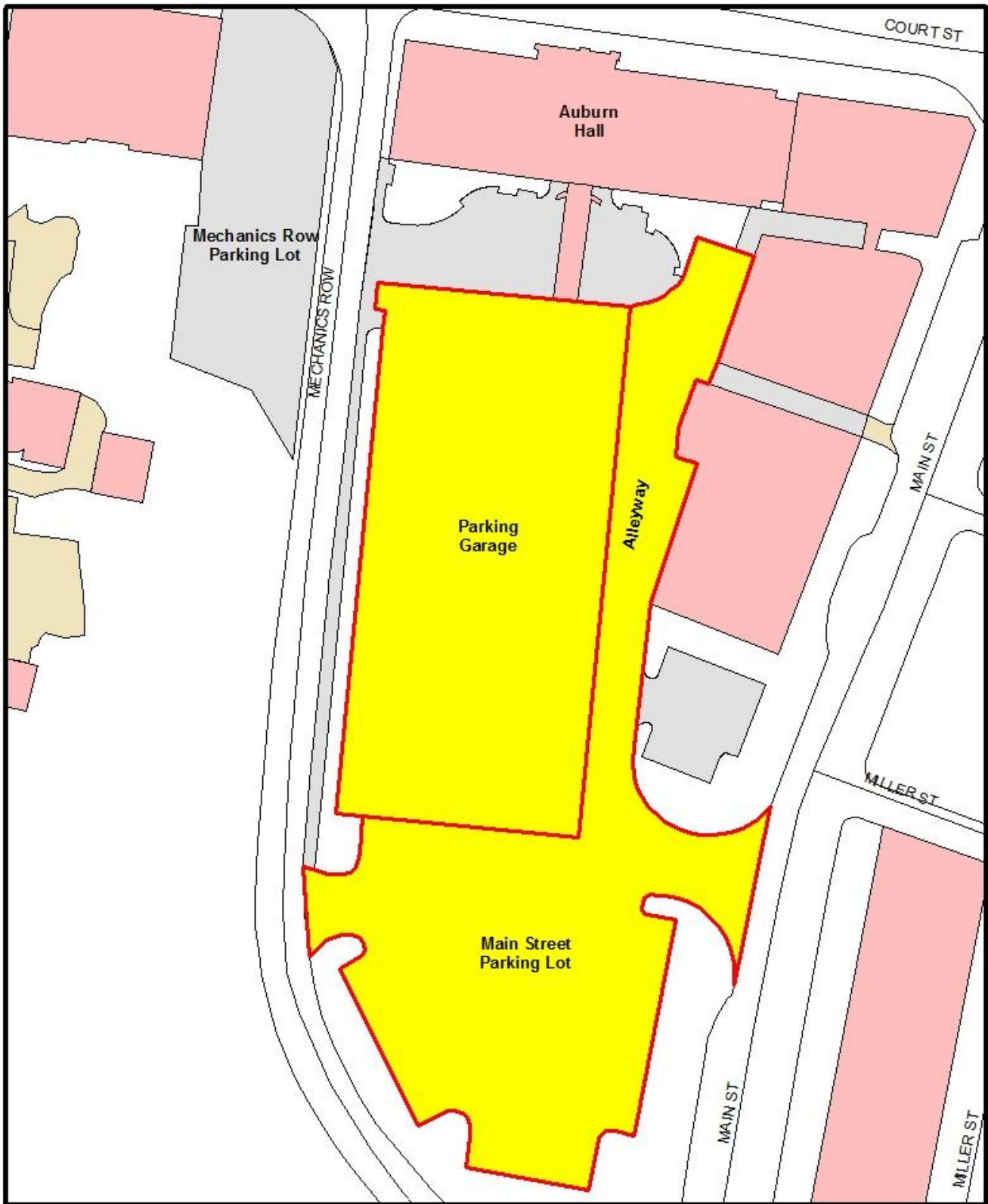
WORK AREA #1A





Work Area #2

WORK AREA #3



WORK AREA #4

