



# SNOW MANAGEMENT PLAN

## **PURPOSE:**

The purpose of this Snow Management Plan is to inform the general public of the procedures used to deal with winter weather conditions.

## **OBJECTIVE:**

The objective of this Snow Plan is to identify the procedures that guide the Public Works Department to open roads effectively and efficiently as personnel and equipment allow.

## **EMERGENCY CONDITIONS:**

Ice and snow can impact emergency response accessibility. Public Works is dedicated to clear roadways or provide spot ice control in need of emergency response to insure the safety and health of the community.

## **WEATHER PREDICTIONS:**

Springerville typically does not have excessive amounts of snow accumulation. However, recent history has produced strong storms that have generated much more accumulation, which is the cause for this Snow Plan.

## **RESPONSE:**

Initial response will depend on the time of day of the storm as well as the expected duration of the event. If the event occurs after normal business hours, the Springerville Police Department will notify the Public Works Director or his designee of icy conditions or snow accumulation. Public Works will assess the conditions and disperse equipment and personnel as necessary.

## **LEVELS OF RESPONSE:**

Level 1 - Spot ice control will be provided by applying cinders to those "hot spot" areas of frequent ice build up.

Level 2 – At 2" of accumulation, limited personnel will be called in to assess the storm capacity and prepare for full call out, if necessary.

Level 3 – At 4" of accumulation, full call out of the Town resources will be utilized to begin snow removal.

Level 4 – In the event of a major, long term storm event, outside resources may need to be utilized in order to provide necessary services for the citizens of Springerville. A list of additional resources will be on file with the Public Works Department.

## **EQUIPMENT:**

The Public Works Department currently has one motor grader, two backhoes, F-700 with a plow assembly, another ¾-ton pick-up with a plow assembly, and a flatbed with a cinder spreader available for snow removal. Each piece of equipment is dedicated to a specific route or area of the town for snow removal. Response times can vary depending on the event.



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### **PERSONNEL:**

The Public Works Department is adequately staffed to handle a 12-hour event effectively. For round-the-clock operations additional resources may be needed.

### **ACTIONS TO RESPONSE:**

LEVEL 1 – Staff has identified more than 15 different locations in need of ice control measures in the event of icy road conditions. Although the initial response time is immediate, it can take up to 5 hours to effectively apply cinders to all these locations. The Public Works Department has one 2-yard cinder spreader on the back of a flatbed pick up. Several trips back to the yard to reload the spreader are required in order to apply the cinders where needed.

LEVEL 2 – At 2” of accumulation, the Police Department will notify the Public Works Department. The Public Works Director or designee will assess the conditions and severity of the storm event. If necessary, the F-700 w/ plow, ¾ Ton w/ plow and Flatbed w/ cinder spreader attachment operators may be called in to start on that designated route. The primary focus for the F-700 w/ plow and Flatbed w/ cinder spreader route will consist of the major collector streets, emergency routes, and school bus routes.

LEVEL 3 – At 4” of accumulation, the Public Works Director or his designee will call additional operators for the Motor Grader and Backhoes if needed for all other paved or chip-sealed streets and some gravel streets.

LEVEL 4 – In the event of a major storm lasting longer than 12 hours, additional resources may need to be called. The Public Works Director or designee will determine if additional equipment or manpower is needed to provide the safest travelling conditions possible with the available resources.

### **POST-STORM CLEAN-UP:**

After the storm has cleared staff will continue clearing roadways and intersections. Snow removal will continue as efforts will be made to push all snow out to edge of pavement to not only improve travelling conditions, but also allow mail service accessibility. Staff will make every conscience effort not to block access to any previously cleared driveways.