

# CASE STUDY: GREEN COUNTY, OHIO



## The Challenge

Green County is located in the southwest part of Ohio in an area that experiences an average of 10 snow events over a 5-month plowing season. The county's roads range from asphalt to chip seal and contain various obstacles including manhole covers and bridge joints. The county is responsible for clearing 660 miles of road at speeds up to 25 miles per hour.

Green County was running full-length 6" carbide insert blades with a full-length 8" center-punched steel cover blade. Although costs were lower, the blades did not wear evenly, and the center-punched cover blade caused them to throw out more material than was necessary. In the garage, the full-length blades were difficult to manage and required multiple staff to install them.

## The Solution

Our team consulted with Green County to understand their conditions and challenges. We recommended they upgrade to our Razor® Carbide Cutting Edge System. This all-in-one blade system gave Green County aggressive cutting power plus PlowGuard MAXX® plow guards that ensure the cutting edge wears evenly to get the full life from the entire cutting edge.

The Razor® cutting edge features trapezoid carbide inserts with a built-in cover blade to protect the carbide inserts from impact. Installation is safer and easier because the Razor® utilizes 3 and 4 foot blade segments that can be installed by one individual.

Included with the system are our PlowGuard MAXX® are heavy-duty castings that prevent moldboard damage and prevent uneven blade wear, keeping plows operational and drivers confident.

Blades, curb protection, and all hardware needed for installation are included under one part number for easy inventory management and ordering.

## The Result

Green County tested the Razor® Carbide Cutting Edge System and reported a wear life of nearly 3 seasons before needing to be changed, tripling their cutting edge wear life. With this outcome, Green decided to equip their remaining 13 trucks with our Razor® Carbide Cutting Edge System.

The County also reported that inventory management and installation was easier due to the all-in-one crate which simplifies 6-10 part numbers into one.

## How can Winter Equipment help you?

We offer a line-up of cutting edge systems specifically engineered for a range of conditions. Our wear parts experts are available to help you find the right solution for your challenges.

## We offer three easy ways to get started:

Call us at **1-888-294-9401**

Email us at **experts@winterequipment.com**

Start the process online at **WinterEquipment.com**

## RESULTS SUMMARY

- 3X wear life increase
- Easy installation and inventory management
- Increased operational efficiency

*"The all-in-one crate and the cutting edges' shorter blade length make them more manageable and are on and off in 30 minutes."*

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1

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2

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3

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