Paint Removal by Hand Scraping or Power Tools

There are fewer regulations when hand scraping or power tools are used to remove paint as compared to abrasive blasting. Sufficient tarps must be used as ground cover and as curtains to contain paint particles within the work area. This containment minimizes impacts to air and soil. Ground cover is not needed over intact paved areas that can be swept to recover paint particles. Paint particles must be cleaned up daily.

Power Tools with Vacuum Systems
Ground cover and curtains are not required if the power tool is equipped with a vacuum to prevent visual air emissions.

Transportation and Disposal
Consult your District Safety Administrator for proper waste management procedures. Non-lead paint particles can be brought back to MnDOT District Headquarters in a container with a secured lid (5 gallon bucket with lid) and managed as an industrial waste. This waste can be disposed of at a mixed municipal solid waste landfill or industrial landfill permitted by the Minnesota Pollution Control Agency. The container must be labeled “Non-Lead Paint Chips”.

Lead paint particles can be brought back to MnDOT District Headquarters in a container with a secured lid (5 gallon bucket with lid) and managed as a hazardous waste. This waste can be disposed of with MnDOT hazardous waste contractor. The container must be labeled “Hazardous Waste” and “Lead Paint Chips”.

Documentation
Submit a written record of the following information to the District Safety Administrator:
- work site (location of bridge or other structure)
- date of paint removal work
- lead or non-lead paint determination
- quantity of paint chips generated
- statement that the paint chip waste was sent to the MnDOT District Headquarters
- disposal location