

DOT Facilities and Roadway Bridges Lead Based Paint Conversion



Client: Colorado Department of Transportation
Location: Greeley, CO

CDOT's transportation and maintenance buildings needed to be refurbished. Lead-based paint was peeling from roofs. CDOT also needed to treat dismantled LBP bridges prior to disposal. They wanted to accomplish this project in a more economical fashion given that lead-based materials require hazardous waste disposal, which is quite costly.

MT2 used its ECOBOND LBP coating/conversion technology to chemically stabilize and convert the lead in CDOT's lead-based

paint. This conversion process resulted in the treated materials passing stringent testing requirements such as the EPA RCRA TCLP. Using the ECOBOND LBP coating results in non-hazardous end products from a wide variety of applications, including routine maintenance; facility renovation; and building renovation, demolition, and component removal.



ADVANTAGES

- Chemically converted the lead into a new highly stable non-leaching lead mineral.
- Transformed LBP into a non-hazardous material that passed stringent RCRA testing criteria.
- Applied using a number of inexpensive methodologies, including spraying, brushing or rolling.
- The chemical conversion prevents the spread of lead to workers and the environment.