

# DC METRO ISSUES

Cause Map

## NTSB recommends increased oversight

On September 30, 2015, the National Transportation Safety Board (NTSB) issued urgent safety recommendations calling for the Federal Railroad Administration to take over the task of overseeing the Washington, DC metro system. The NTSB has determined that the body presently charged with overseeing it (the Tri-State Oversight Committee) doesn't provide adequate independent safety oversight. Specifically, the Tri-State Oversight Committee doesn't have the regulatory power to issue orders or levy fines and lacks enforcement authority.

"The Department of Transportation is exploring all options to improve this record, including a range of approaches that will allow us to directly increase federal safety oversight of Metro."

-Namrata Kolachalam, Transportation Department spokeswoman

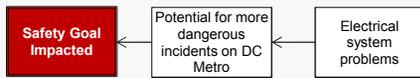
Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

### CAUSE MAPPING

Problem Solving • Incident Investigation • Root Cause Analysis

- Step 1 Problem** - What's the Problem?
- Step 2 Analysis** - Why did it happen?
- Step 3 Solutions** - What will be done?

**Basic Level Cause Map** - Start with simple Why questions.



**Basic Cause-and-Effect**  
Investigators found that some electrical connections are at risk of short circuiting because moisture and contaminants may get into them because they were improperly constructed and/or installed. The issues with the electrical components were not identified prior to this investigation, which raises more questions about the Metro's inspection and maintenance programs.

**Intermediate Cause Map** -

Add detail as information becomes available.

