University of Minnesota
Overnight Train Testing for Electromagnetic Interference and Vibration General Information Sheet
August 5, 2013

As part of the University and the Met Council’s Agreement to locate LRT on Washington Ave, the Met Council committed to EMI and Vibration Performance Standards in order to protect the University’s scientific research. Prior to LRT being able to start revenue service in 2014, the Met Council must certify that CCLRT will be able to meet those Performance Standards.

**This EMI and Vibration Certification Testing will occur between 1:00 a.m. and 5:00 a.m. starting Thursday, August 8 and will continue until late September.** During these late night hours, the University will need to limit building operations, and roads and sidewalks will be closed in order to ensure we have the quietest environment possible. This quiet environment is necessary in order to isolate the train vibrations and EMI from the existing background conditions. Please note that these closures and operational limits are ONLY during the late night hours.

**Thursday, August 8 and Friday, August 9: 1:00 a.m. – 5:00 a.m.**
The Met Council will be doing dry runs with the trains running to work on timing issues related to getting east and west bound trains to pass at specific monitoring locations. Road closures will be in place similar to the testing that occurred during the week of July 25. NO limitations to building operations will be required during this time. (Please note that set up will begin at approximately 11:00 p.m. on Wednesday evening for the Thursday dry run and similarly for Thursday evening for the Friday morning dry run.)

**Starting Monday, August 12: 1:00 a.m. – 5:00 a.m.**
The Met Council will start the Electromagnetic Interference (EMI) Certification Testing. This will require the University to limit building operations. Road and sidewalk closures also will be in place. During this time, the following restrictions will be in place:

- Within 100 feet of EMI monitors – no vehicular traffic, elevators, cleaning equipment, large metal cart movements (note that access to the Washington Ave Ramp will not be impacted)
- Within 20 feet of EMI monitors (see attached map for monitor locations) – no opening/closing metal doors, people walking near sensors with small metal objects such as keys, magnetic field generators like cell phones.

The Met Council will be doing testing for six nights during the week. That means set up will occur late Sunday evening (8/11) for the 8/12 testing and will mean testing will occur during the early morning hours of Monday-Saturday (8/12-8/17).

**Nightly testing currently is scheduled to extend well into September.** During this time, one week will be reserved for vibration testing. Vibration testing will include a similar traffic set up, but not the same types of building operations restrictions. Vibration testing will occur the week of August 19.

Due to the football game on August 29 and other campus activities, there will be NO testing the early morning hours of Friday, August 30 to Tuesday, September 3. Testing will resume again the early morning hours of Wednesday, September 4. (set up late evening 9/3).

For more details regarding road and sidewalk closures, please see the Met Council Central Corridor Construction Update.