

Work Plan No. B.12-01 Noise Measuring and Corr Tracker Development

2. SCOPE OF SERVICES

Task 1.1 Support for selecting 50 monitoring sites for tracking the implementation of new wheel and rail profiles, and introduction of the new vehicles. *The ATS efforts on this subtask were completed in 2016 and were billed to the existing Jacobs Trend.* The status of the Jacobs Trend is discussed below under Task 2.

The selection of monitoring sites was assisted by using data from CorrTracker and by access to other data. The data from the CorrTracker database that were used included noise data from onboard noise measurements, the track condition index that is derived from the onboard noise data, train speed, track curvature, track wear (gauge face and head wear), and rail grinding history. In addition, the crack length results from Eddy Current measurements were incorporated into the track-chart type displays. The data on crack length was provided by BART in a spreadsheet file.

This task included regular team meetings on Friday mornings, planning for field inspections and measurements, and the field inspections. ATS Consulting measured noise at three of the monitoring sites.

Prime: Jacobs

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
ATS Consulting	\$71,302	N	N

Total Work Plan Value: \$71,302