



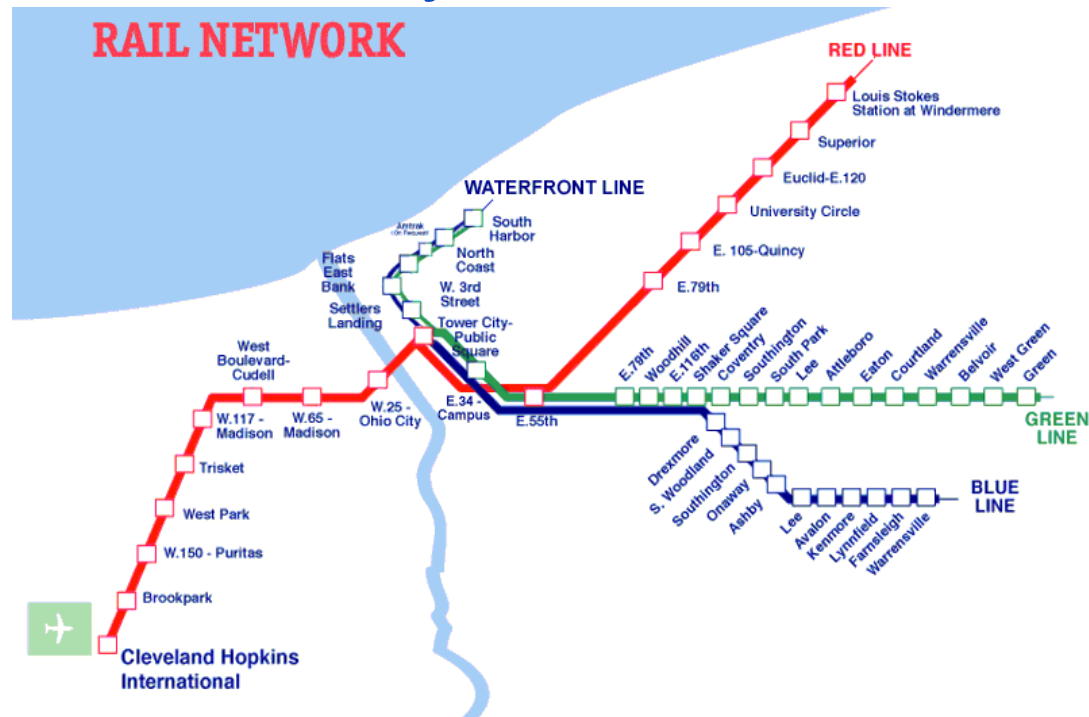
Rail Grinding Program Management

Presented to:

Operational Planning & Infrastructure
Committee

June 15, 2021

Rail Grinding Program Management Project Overview



Greater Cleveland Regional Transit Authority



Rail Grinding Program Management Project Overview

Project Overview

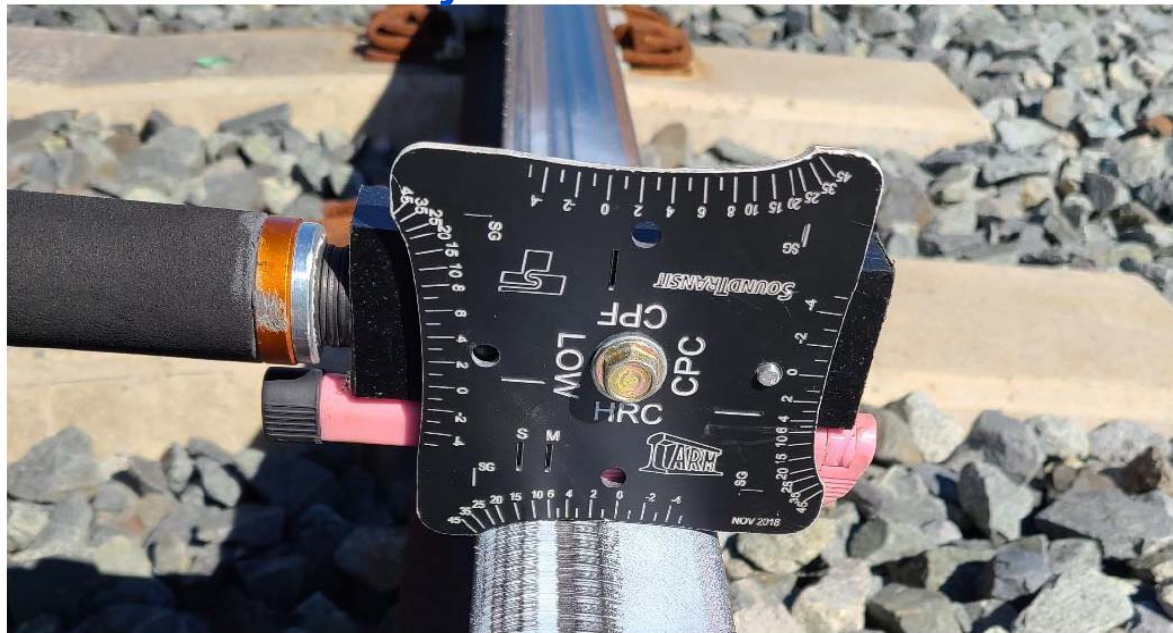
- Phase One: Perform Inspections and Gather Data
- Phase Two: Wheel/Rail Profile Optimizations and Recommendations
- Phase Three: Preparation of Construction Documents
- Phase Four: Provide Construction and Bidding Support
- Phase Five: Provide Quality Control and Quality Assurance of Contractor

Rail Grinding Program Management Project Overview



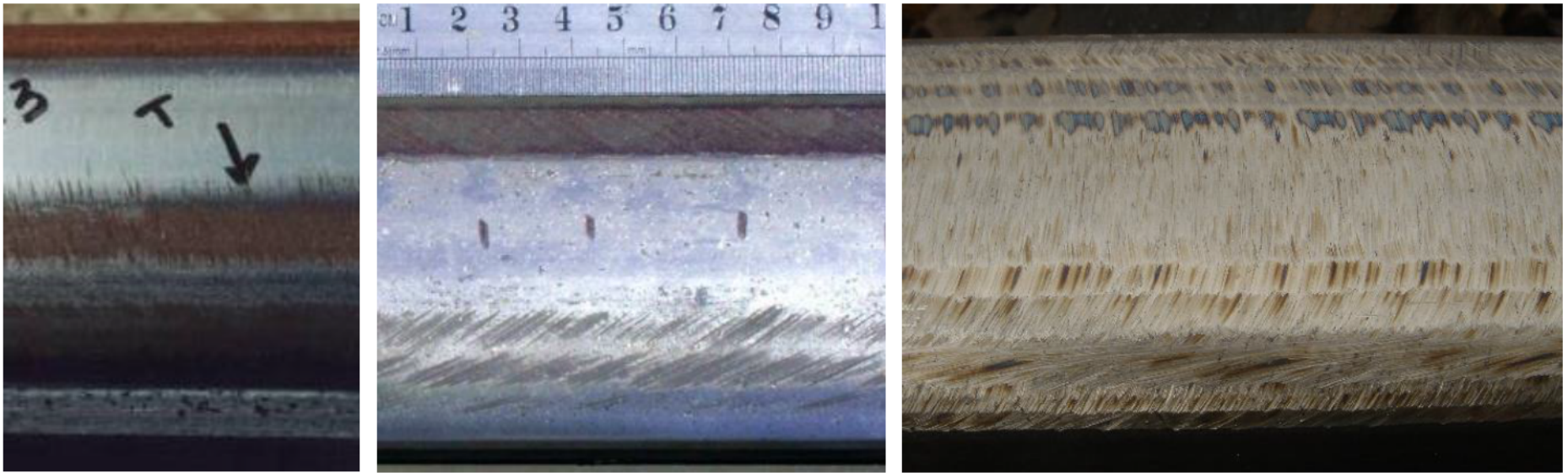
Example of scanning truck used to gather rail profiles

Rail Grinding Program Management Project Overview



Example template showing four custom profiles

Rail Grinding Program Management Project Overview



Examples of finished profile face and surface roughness

Rail Grinding Program Management Procurement Overview

- Request for Proposal (RFP) issued March 15, 2021
- Accessed on the GCRTA website by 18 interested parties
- 1 firm proposed

Rail Grinding Program Management Procurement Overview

Evaluation Panel:

- Engineering
- Fleet Management Engineering
- Office of Business Development
- Office of Management and Budget
- Rail
- Safety
- Procurement

Rail Grinding Program Management Procurement Overview

Evaluation Criteria:

- Project Manager
- Assigned staff
- Past performance
- Project approach
- Cost

Rail Grinding Program Management Procurement Overview

Recommended Firm:

- Advanced Rail Management Corporation, with central offices in Florida and Canada
- 12% DBE Goal set by Office of Business Development
 - 2% of the goal will be met by utilizing Denise's Flagging, a female African American-owned business
 - For the remaining 10% DBE goal, Advanced Rail Management Corporation demonstrated good faith effort, which was approved by the Office of Business Development

Rail Grinding Program Management Procurement Overview

Advanced Rail Management Corporation:

- 30 years experience in the rail and transit industry
- High-level technical expertise and the use of wide-range technical consultants
- Technical expertise in evaluating wheel wear, noise abatement, and wheel/rail interface problems
- Successfully performed multiple specialized vehicle and system engineering studies
- Significant experience with transit agencies throughout North America
- Clear and acceptable project approach

Rail Grinding Program Management Procurement Overview

Other public transportation clients include: Bay Area Rapid Transit, Los Angeles Metrolink, Massachusetts Bay Transportation Authority, New York City Transit, Port Authority of Allegheny County, San Diego Trolley, Seattle Transit Sound, and Vancouver Sky Train, among others.

Rail Grinding Program Management Procurement Overview

Recommendation:

- Staff requests that the Operational Planning & Infrastructure Committee recommend an award to Advanced Rail Management Corporation to provide Rail Grinding Program Management Engineering Services in an amount not to exceed \$476,369.80.

Questions