

Operational Planning & Infrastructure Committee

Chair: Mr. Jeffrey W. Sleasman

Design Services for CRMF Modifications

Operational Planning & Infrastructure
Committee

June 3, 2025

Design Services for Central Rail Maintenance Facility (CRMF) Modifications

- Contract No. 2024-065 was awarded to Richard L. Bowen & Associates, Inc. on July 30, 2024, by Resolution No. 2024-54, for Design Services for Central Rail Maintenance Facility Modifications for the New Railcars in an amount not to exceed \$472,484.95.

Design Services for CRMF Modifications

- The project is located within the Central Rail Maintenance Facility, including new service balconies over east and west pits, new overhead cranes, and a new overhead catenary system
- The design work is to prepare the shop for new railcar maintenance after the new railcars are commissioned

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- This picture shows the West end pit
- Track 4 is on the left, Track 5 is in the middle, and Track 6 is on the right

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- One change in this proposed change order is to add additional power drops in the service pits for Hydraulic Filter Flushing Carts.
- The carts are a recent Siemens-directed requirement.

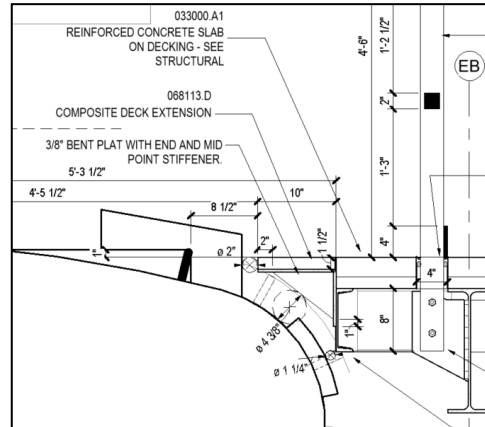
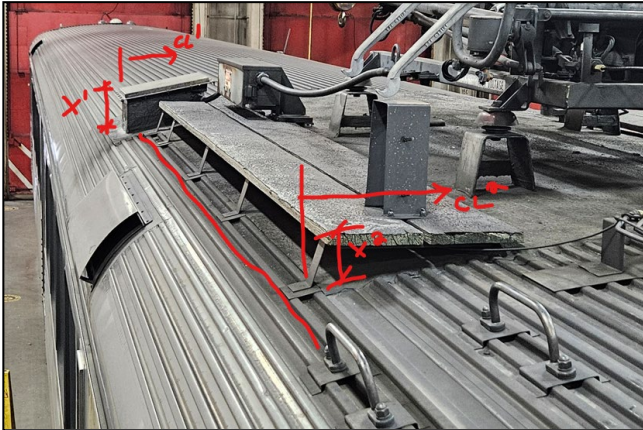
Filter flushing unit

The filter flushing unit can be used to fill the hydraulic units, to bleed the actuators and to flush the entire hydraulic tubing. The purity of the oil in the tram can be checked with the integrated oil purity measuring device. If necessary, the device cleans the oil to the prescribed ISO purity class stipulated in the HANNING & KAHL operating manual. The unit switches off automatically when the set values are reached. A protocol is created in PDF format and stored on a USB.



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- The other change is for balcony modifications to account for HRV rooftop equipment not identified in the initial project scope
- The Engineer's Estimate for both changes is \$37,156.92



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- Base contract authorized by Resolution No. 2024-54 in an amount not to exceed \$472,484.95
- Notice to Proceed effective August 26, 2024
- General Manager Change Order Authority of \$100,000.00.
- One change order has been issued
- \$107.02 remains in General Manager Change Order Authority.
- Proposed Change Order of \$18,384.31 will include all costs associated with this additional design effort

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DBE Goal:

Richard L. Bowen & Associates, Inc. remains committed to achieving the 13% DBE participation goal that was assigned to this project.

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- Procurement and Engineering have followed the change order process
- Staff recommends moving forward with this change

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Recommendation:

Staff requests that the Operational Planning & Infrastructure Committee recommend approval of the proposed change order to Richard L. Bowen & Associates, Inc. in a negotiated amount not to exceed \$18,384.31 resulting in a new total contract amount not to exceed \$590,762.24. This change order will also reinstate the General Manager's change authority to \$100,000.00.

Questions