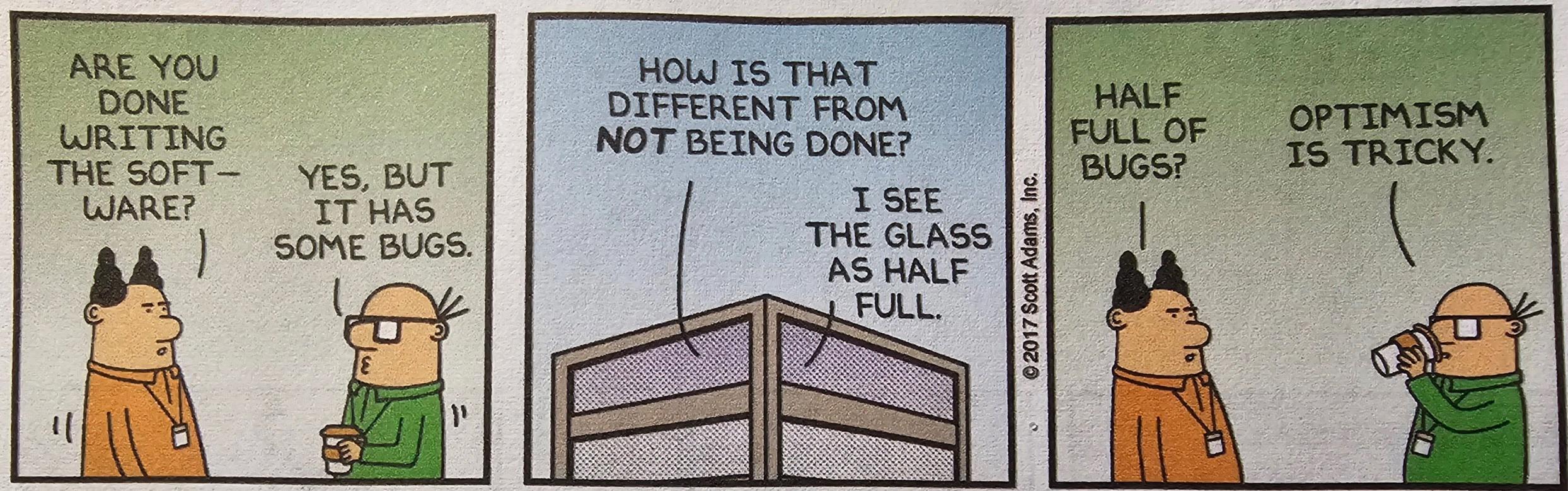




ROAD  
CONDUCTOR<sup>SM</sup>

## CEW 2026 Update



Nick Koszykowski, Sr. Project Manager  
Center for Technology & Training  
Michigan Tech University

# Road Conductor<sup>SM</sup> - What and Why?

- Field Manager 'sunset' in April 2025
  - When last job started in Field Manager is closed out
- Field Manager will no longer be supported/updated
- Replaced by AASHTOWare Project for jobs let through MDOT
- MDOT cannot support local jobs in new AASHTOWare Project

Road Conductor<sup>TM</sup> will handle locally let jobs.

# Road Conductor<sup>SM</sup> Functionality

- Web-based
  - Runs in a modern browser: Edge, Chrome, Firefox
- Initial Core Functionality from MERL Local Job Manager:
  - Daily Work Reports (IDRs/Postings)
  - Change Orders (Contract Mods)
  - Pay Estimates
- Functionality Enhancements
  - Major and Minor tasks to bring the app in line with what Office Techs do now

# Road Conductor<sup>SM</sup> Enhancements

- Enhancements include but not limited to:
  - Multiple Postings per day
  - Contract Mod to adjust quantity
  - Document attachments for Postings, Pay Estimates, Contract Mods
  - Global agency settings for job workflow/requirements
  - Contractor/subcontractor information tabs
  - Ability to report Postings by inspector
  - Modify reports to match layout of MDOT form being replicated
  - Designate a user as read-only access to a job
  - Add diary field list: date, controlling item, weather, hours worked, etc.

# Road Conductor<sup>SM</sup> - How?

- Local Agency/Consulting firm signs up for agency license
  - License is per-user and is renewed yearly
- MERL (free) required to create Estimate to produce a Road Conductor Job
- Road Conductor<sup>TM</sup> cloud-based hosted by MTU/CTT
  - Users access via browser: Edge, Chrome, Firefox
- Local jobs managed in Road Conductor<sup>TM</sup>
- MDOT-let jobs managed in AASHTOWare Project

# Road Conductor<sup>SM</sup> is Live

- Phase 1 completion includes:
  - Daily Work Reports
  - Pay Estimates
  - Change Orders
- Phase 2 development through Sept. 2026
  - Materials/Certifications Tracking
  - Contractor-specific Functionality
  - Mobile App
- **Features will be released as they are completed**

# Road Conductor<sup>SM</sup> Specifics

- Visit [Roadconductor.com](http://Roadconductor.com) for purchase/licensing info
- Runs in any modern browser (Chrome, Edge, Firefox, etc.)
  - Requires 3<sup>rd</sup> party cookies
- Everything starts with MERL 2025.6 (or newer)
  - Estimate with winning bid prices exported to Road Conductor<sup>SM</sup>
  - Can use MERL Bid Utility bids or enter winning bids as the estimate

# Road Conductor<sup>SM</sup> Timeline

- Materials/Certification Tracking
- Contractor Reporting Functionality
  - Read-only access available now
- Mobile Application/Functionality

To be completed by Sept. 2026

Features released as they are completed

# Road Conductor<sup>SM</sup> Screenshots

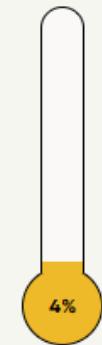
## Jobs View

ALL ACTIVE DRAFTS ARCHIVED

Search by contract number, or location + Import Job

# PW-7051 ACTIVE

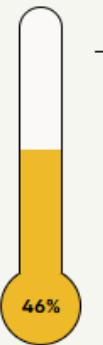
Giorgi Concrete, L.L.C.  
City of Detroit  
07/18/2023 - 12/18/2025



4%

# Crack Seal 2024 ACTIVE

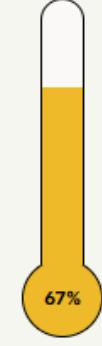
Fahrner Asphalt Sealers, L.L.C.  
Countywide  
07/18/2024 - 08/02/2024



46%

# CLW8EZT1O3QBFID ACTIVE

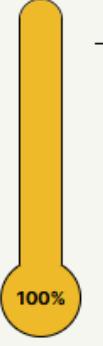
T. T. & T. Forming Company, Inc.  
29 Parkway  
07/15/2025 - 06/06/2026



67%

# 39000-206258 ACTIVE

AFFORDABLE EXCAVATING INC.  
Shaver Road Improvements City of Portage  
02/25/2025 - 05/30/2025



100%

# Road Conductor<sup>SM</sup> Screenshots

## Job Summary

The screenshot shows the 'Summary' tab of the Job Summary page for contract PW-7051. The page is organized into several sections:

- Contract Number:** PW-7051 (Status: ACTIVE)
- Participants:** Giorgi Concrete, L.L.C. (City of Detroit, 07/18/2023 - 12/18/2025)
- Description:** 2023 Residential Milling and Related Construction
- Team Members:**
  - Admin T Developer (SYSTEM ADMIN, INSPECTOR)
  - Nick Koszykowski (SYSTEM ADMIN, PRIMARY OFFICE TECH, PRIMARY ENGINEER, PRIMARY INSPECTOR)
- Cost Summary:**
  - Total Paid: (0.00%) \$0.00
  - Total Placed: (0.00%) \$0.00
  - Pending: \$0.00
  - Total: \$10,123,067.20
- Statistics:**
  - Daily Work Reports: 0
  - Pay Estimates: 0
  - Change Orders: 0
  - Pay Items: 78
- Prime Contractor:** Giorgi Concrete, L.L.C.
- Sub-Contractor(s):** A list of sub-contractors with their IDs, names, and addresses:
  - 01684 P.K. Contracting, LLC, 1965 Barrett Dr Troy, MI, 48084-5372
  - 02426 Major Construction Group, Inc., 15430 Dale St Detroit, MI, 48223
  - 03938 National Industrial Maintenance - Michig, 4400 Stecker St Dearborn, MI, 48126-3816
  - 05336 Major Contracting Group, Inc., 12300 Greenfield Rd Detroit, MI, 48227
  - 07965 Gibraltar Construction Company, 2650 Van Horn Rd Trenton, MI, 48183
  - 08753 Tenmile Creek Excavating, LLC, 407 E Fort St Ste 407 Detroit, MI, 48226-2956

# Road Conductor<sup>SM</sup> Screenshots

## New Daily Work Report: Summary

Jobs > 25E301 Wedging - 2025 HMA Wedging Program Various Locations County Wide > Daily Work Reports > New - 12/10/2025

Summary   Items   Personnel & Equipment

### New Daily Work Report

+ Add Items   Copy from Previous

Date	Inspector	Weather	Daily Temperature
12/10/2025	Nick Koszykowski	Sunny	Low 15 °F High 25 °F

Notes

This is where the inspector enters their really long notes.

Save

# Road Conductor<sup>SM</sup> Screenshots

## New Daily Work Report: Items

Jobs > PW-7051 - City of Detroit > Daily Work Reports > #17 - 07/31/2023

Summary Items Personnel & Equipment

**Pay Items**

+ Add Items

Item ↑↓	Project ↑↓	Catg. ↑↓	Description ↓↗	Contractor ↑↓	Location/Station ↑↓	Remark ↑↓	Total Qty. ↑↓	Avail. Qty. ↑↓	Quantity ↑↓	Unit Price ↑↓	Total ↑↓
8120370	PW-7051	0001	Traf Regulator Control	Giorgi Concrete, L.L.C.	Entire Project		1.00	0.85	0.15	\$100,000.00/LSUM	\$15,000.00
8120170	PW-7051	0001	Minor Traf Devices	Giorgi Concrete, L.L.C.	Entire Project		1.00	0.85	0.15	\$100,000.00/LSUM	\$15,000.00
2057021	PW-7051	0001	Excavation, Earth, Modified	Giorgi Concrete, L.L.C.	over here		25.00	0.00	25	\$50.00/Cyd	\$1,250.00
8027001	PW-7051	0001	_Curb and Gutter, Conc, Det C5, Modified	Giorgi Concrete, L.L.C.	Over dere		5,000.00	4,500.00	500	\$14.00/Ft	\$7,000.00

Total Price: \$38,250.00

Delete Post Save

# Road Conductor<sup>SM</sup> Screenshots

## Daily Work Report List

Jobs > PW-7051 - City of Detroit > Daily Work Reports

Summary Daily Work Reports Pay Estimates Change Orders Job Pay Items

+ New Daily Work Report



Search by inspector, date, or notes

ID ↓ 2	Date ↓ 1	Total	Notes	Weather	Inspector	Approvals ↑↓	Status ↑↓
6	07/24/2023	\$39,791.62	Today I was out with Ten Mile Creek as they continued working on PW7051. They are milling on Lakewood(Jefferson-Ford Park) but only doing half of the street today(Jefferson to just past Essex). The crew arrived before 7am and began unloa ...	Mostly Sunny	Nick Koszykowski	0/0	DRAFT
5	07/24/2023	\$0.00	NO PAY ITEMS WORK TYPE: Sidewalk Marking and Quantification - PW-7051 LOCATIONS: District 7 St#27 Vaughan: Wadsworth to Plymouth St#28 Fielding: Tireman to Warren SIDEWALK MARKING AND QUANTIFICATION I worked with inspector ...	Mostly Sunny	Nick Koszykowski	0/0	DRAFT
4	07/24/2023	\$0.00	NO PAY ITEMS WORK TYPE: Sidewalk Marking and Quantification - PW-7051 LOCATIONS: District 7 St#27 Vaughan: Wadsworth to Plymouth St#28 Fielding: Tireman to Warren SIDEWALK MARKING AND QUANTIFICATION I worked with inspector ...	Mostly Sunny	Nick Koszykowski	0/0	POSTED

# Road Conductor<sup>SM</sup> Screenshots

## Add New Pay Estimate

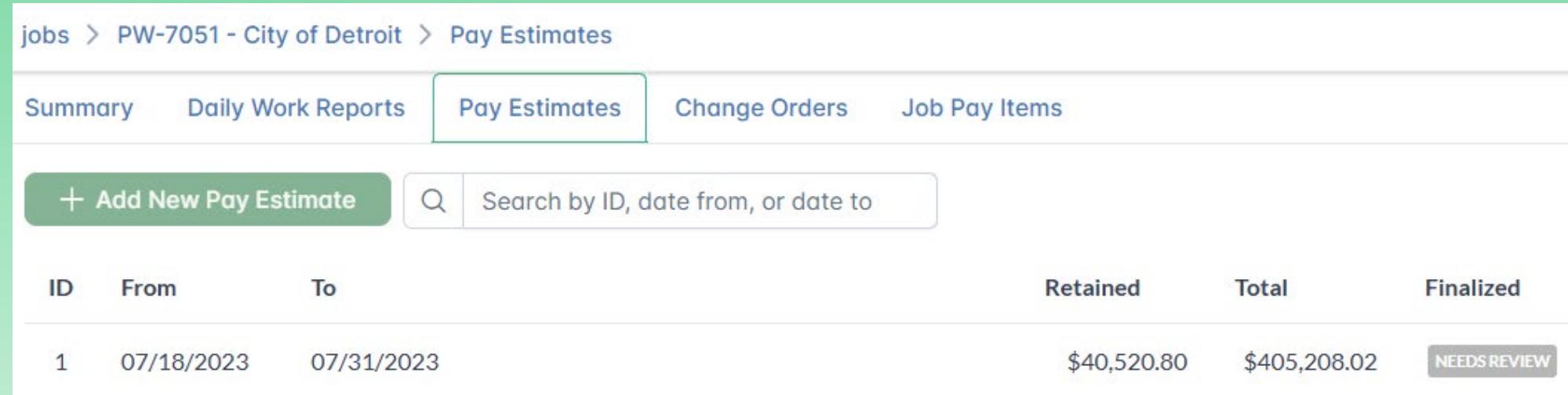
Jobs > PW-7051 - City of Detroit > Pay Estimates > New

### New Pay Estimate

Date	Retained Amount				Release Amount					
12/10/2025	<input type="button" value=""/>	0.00	\$	0	%	0.00	\$	0	%	
<input type="checkbox"/> Release Retainage										
Code ↑	Project ↑↓	Catg. ↑↓	Description ↑↓	Unit Price	Avail Qty.	Avail	Paid Qty.	Paid	Withheld Qty.	Withheld
5017011	PW-7051	0001	_Cold Milling HMA Surface, Modified Cold Milling HMA Surface, Modified	\$4.27/Syd	20608.410	\$87,997.91	20,608.41	\$87,997.91	0	\$0.00
Total Paid: \$87,997.91 Total Withheld: \$0.00 Total Cost: \$87,997.91										
<input type="button" value="Save"/>										

# Road Conductor<sup>SM</sup> Screenshots

## Pay Estimate List



jobs > PW-7051 - City of Detroit > Pay Estimates

ID	From	To	Retained	Total	Finalized
1	07/18/2023	07/31/2023	\$40,520.80	\$405,208.02	<b>NEEDS REVIEW</b>

**Pay Estimate List**

Summary Daily Work Reports Pay Estimates Change Orders Job Pay Items

+ Add New Pay Estimate  Search by ID, date from, or date to

# Road Conductor<sup>SM</sup> Screenshots

Change  
Order:  
Balance Item

Job Item Library

1 Select Pay Items      2 Data      3 Review & Submit

Spec	Pay Item	Units	Total	Qty	Qty	Total Price
Year	Code	Syd	Qty	Placed	Paid	
2020	6027011		78700	777.33	777.33	\$336,049.00

Add Qty \*      Price \*      Supplemental Description \*

10000      \$ 4.27      Cold Milling Conc Pavt, Modified

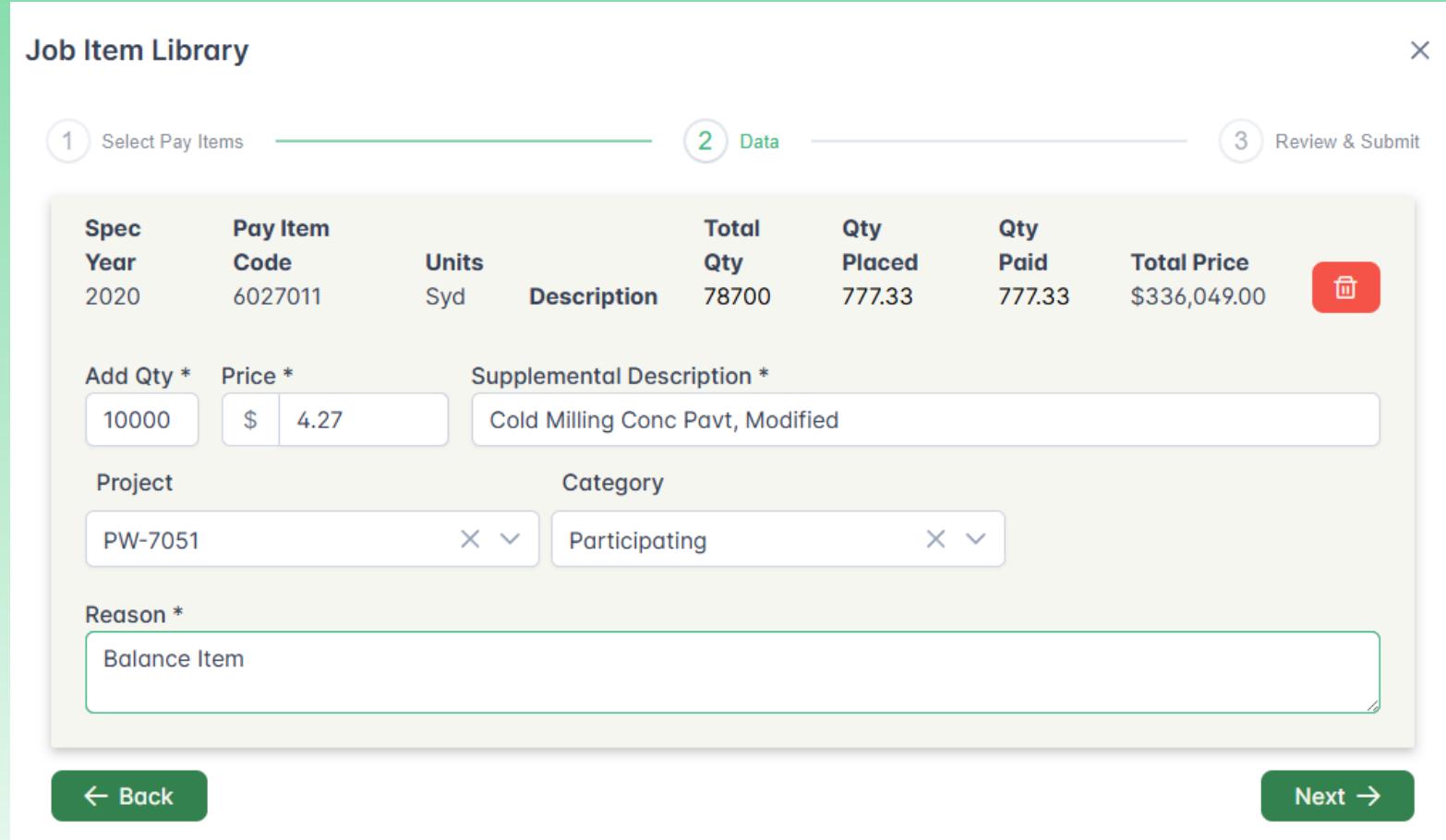
Project      Category

PW-7051      Participating

Reason \*

Balance Item

← Back      Next →



# Road Conductor<sup>SM</sup> Screenshots

Change  
Order:  
Add New  
Item

**Add Pay Items**

Spec Year	Pay Item Code	Units	Description	Total Price
2020	8507040	Hr		-\$10,500.00

**Add Qty \*** 200    **Price \*** \$ -52.50    **Supplemental Description \*** Overtime Hours Mon-Sat

**Project** PW-7051    **Category** Not Categorized

**Reason \***  
To add Inspectors Overtime Hours for Monday thru Saturday.

**Back**    Total Selected Items: 1    **Add**

# Road Conductor<sup>SM</sup> Screenshots

## Add Change Order

Jobs > PW-7051 - City of Detroit > Change Orders > New

Summary   New Items   Adjustments

### New Change Order

+ Add Items   Job Item Library

Date      Summary  
01/26/2026      Add new item and balance the quantities

Description of Changes

- A. Original Contract Amount: \$10,011,067.20
- B. Current Contract Amount: \$10,123,067.20
- C. Current Contract Amount (including this revision): \$10,107,917.20
- D. Net Total Change (C-B): -\$15,150.00
- E. Net Percent Change ((D/B)\*100): -0.15%

Description

Add new item and balance the quantities

Save

# Road Conductor<sup>SM</sup> Screenshots

Change  
Order:  
New Items  
&  
Adjusted  
Items

Jobs > PW-7051 - City of Detroit > Change Orders > New

Summary   New Items   Adjustments

**New Job Pay Items**

+ Add Items

Code ↑↓	Project ↑↓	Category ↑↓	Description ↑↓	Supplemental Description ↑↓	Reason	Qty.	Unit Price	Total Price		
4040001	PW-7051	0001	Underdrain, Bank, 4 inch		Item missed in initial design	500	\$15.00/Ft	\$7,500.00		
Total Price: \$7,500.00										

Jobs > PW-7051 - City of Detroit > Change Orders > New

Summary   New Items   **Adjustments**

**Job Pay Item Adjustments**

 Job Item Library

Code ↑↓	Project ↑↓	Category ↑↓	Description ↑↓	Reason	Qty.	Unit Price	Total Price		
4037001	PW-7051	0003	_Dr Structure Lead, Cleaning, Modified	Balanced item	-7550	\$3.00/Ft	-\$22,650.00		
Total Price: -\$22,650.00									

# Road Conductor<sup>SM</sup> Screenshots

## Change Order List

jobs > PW-7051 - City of Detroit > Change Orders

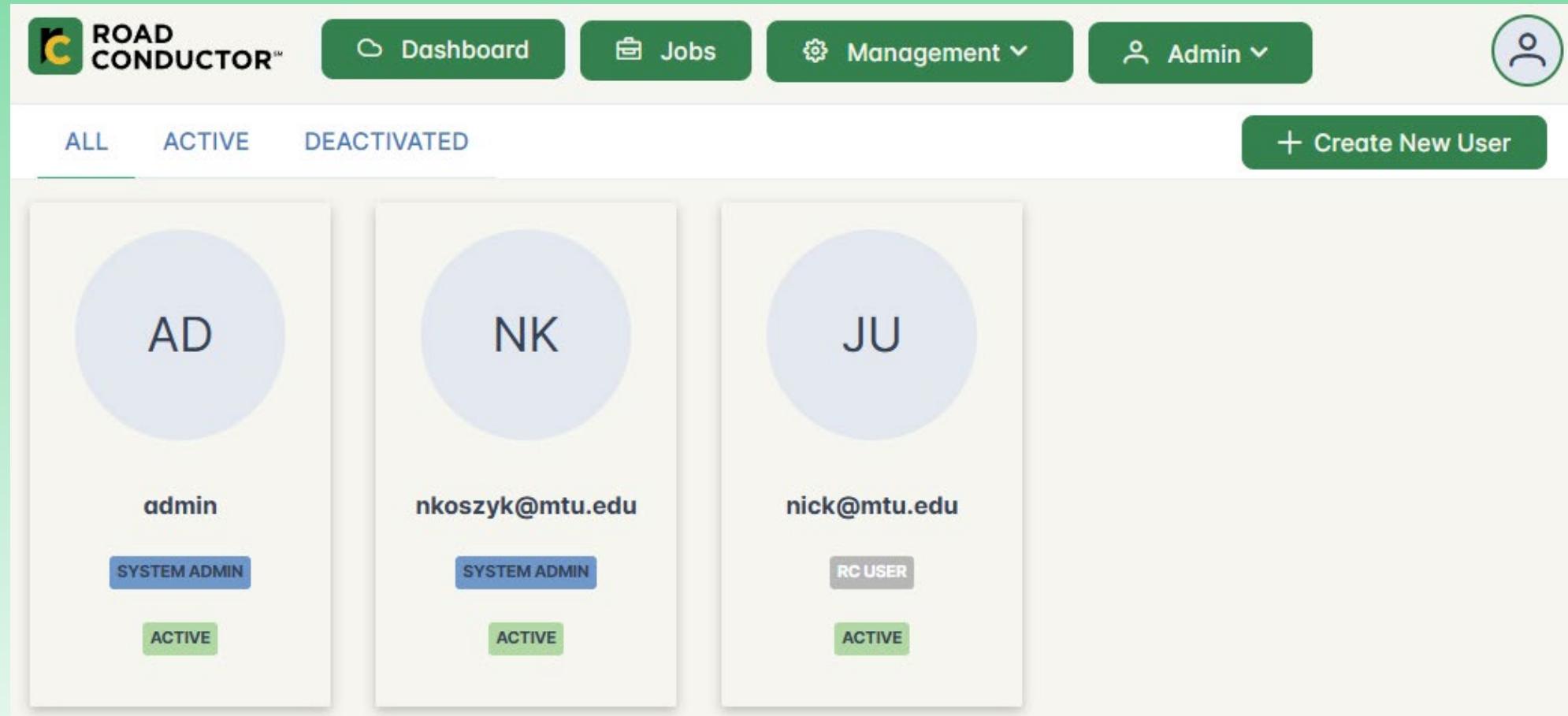
Summary Daily Work Reports Pay Estimates Change Orders Job Pay Items

+ New Change Order + New Balance Mod  Search by date, summary or ID

ID	Created	Total	Summary	Approved
1	02/07/2025	\$28,000.00	Add new Pay Items for Insp. Overtime Hours and balance Qty	NEEDS REVIEW

# Road Conductor<sup>SM</sup> Screenshots

## User List

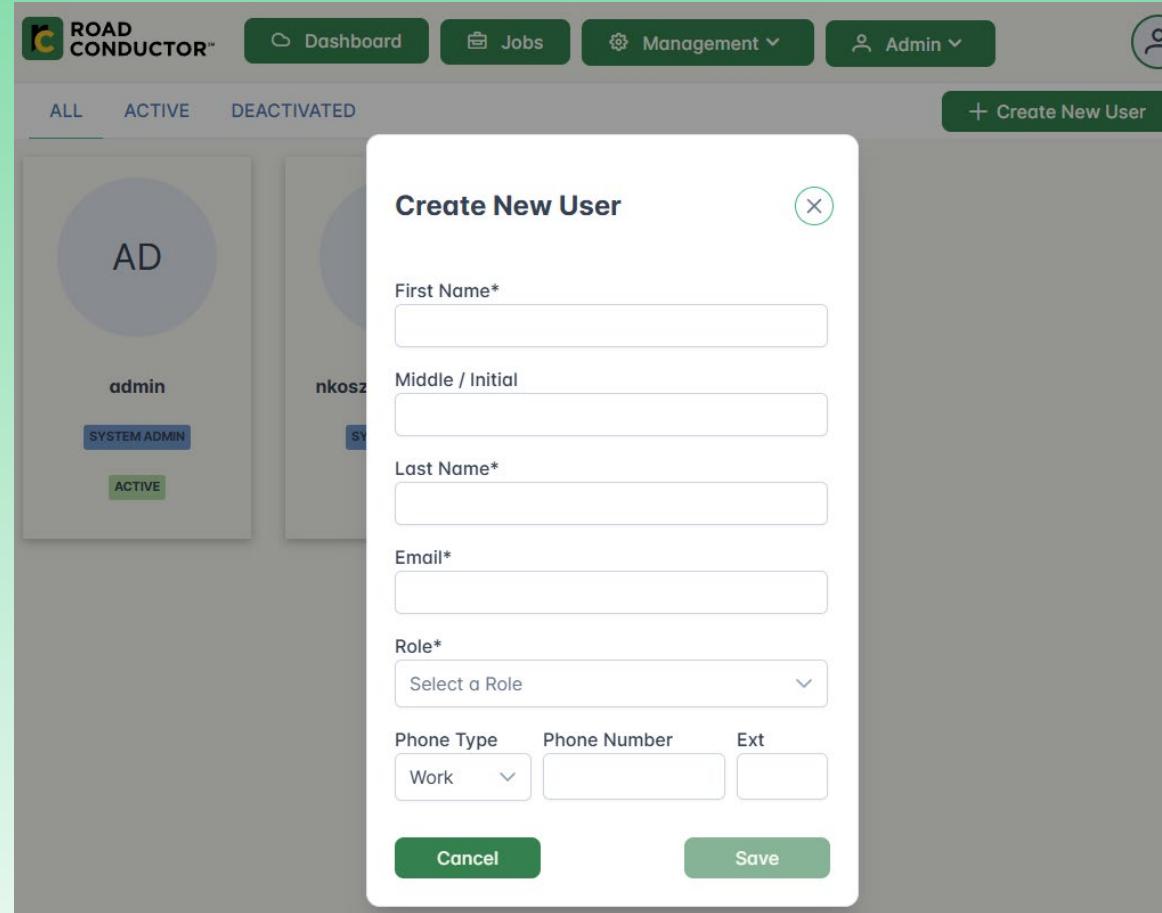


The screenshot shows the 'User List' page of the Road Conductor application. The top navigation bar includes the Road Conductor logo, a 'Dashboard' button, a 'Jobs' button, a 'Management' dropdown, an 'Admin' dropdown, and a 'Create New User' button. Below the navigation, there are tabs for 'ALL', 'ACTIVE', and 'DEACTIVATED', with 'ACTIVE' being the selected tab. The main content area displays three user profiles in cards:

- AD** (admin): Email: admin, Role: SYSTEM ADMIN, Status: ACTIVE
- NK** (nkoszyk@mtu.edu): Email: nkoszyk@mtu.edu, Role: SYSTEM ADMIN, Status: ACTIVE
- JU** (nick@mtu.edu): Email: nick@mtu.edu, Role: RC USER, Status: ACTIVE

# Road Conductor<sup>SM</sup> Screenshots

## Add/Edit User



# Questions?

Nick Koszykowski, Sr. Project Manager  
Center for Technology & Training  
Michigan Tech University  
[roadconductor@mtu.edu](mailto:roadconductor@mtu.edu)  
906-487-2102

<https://roadconductor.com/support/>  
for any technical support/licensing questions

