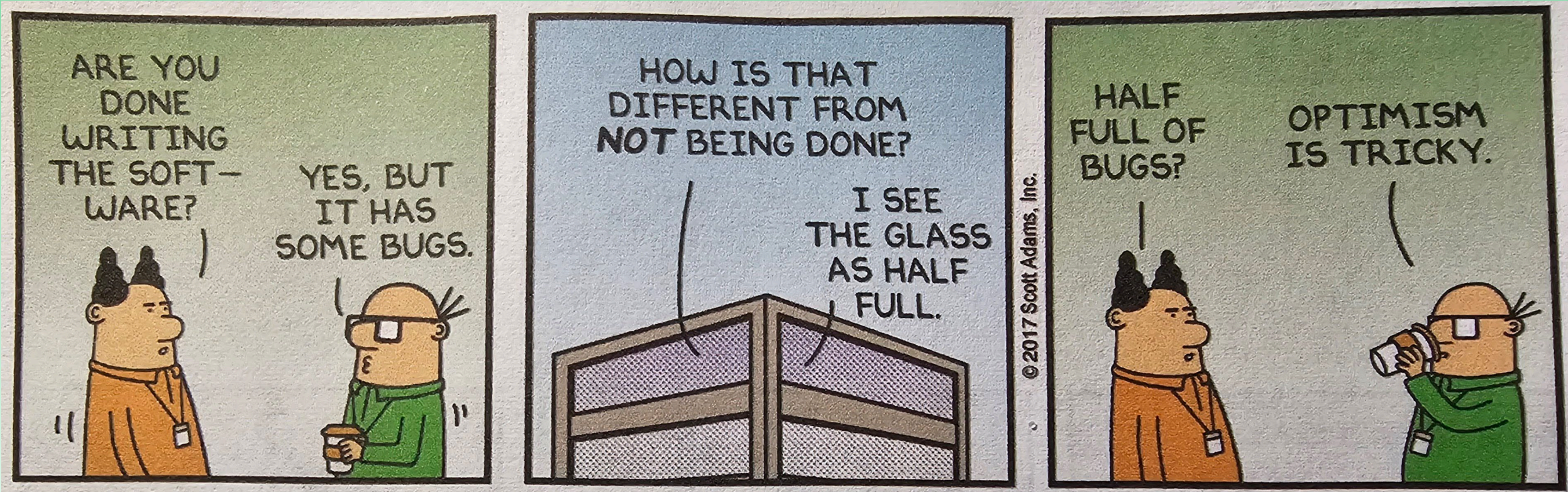




# ROAD CONDUCTOR<sup>SM</sup>

## 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](https://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

+ Import Job

4%

# PW-7051

ACTIVE

Giorgi Concrete, L.L.C.

City of Detroit

07/18/2023 - 12/18/2025

46%

# Crack Seal 2024

ACTIVE

Fahrner Asphalt Sealers, L.L.C.

Countywide

07/18/2024 - 08/02/2024

67%

# CLW8EZT103QBFID

ACTIVE

T. T. & T. Forming Company, Inc.

29 Parkway

07/15/2025 - 06/06/2026

100%

# 39000-206258

ACTIVE

AFFORDABLE EXCAVATING INC.

Shaver Road Improvements City of Portage

02/25/2025 - 05/30/2025

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

## Job Summary

jobs > PW-7051 - City of Detroit > Summary

SummaryDaily Work ReportsPay EstimatesChange OrdersJob Pay Items

Contract Number: PW-7051ACTIVE

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 ADMININSPECTOR

Nick Koszykowski

SYSTEM ADMINPRIMARY OFFICE TECHPRIMARY ENGINEERPRIMARY INSPECTOR

+

Add Team Member

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)

+ Add

ID	Contractor	
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	<a href="#">✎</a>	<a href="#">🗑</a>
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	<a href="#">✎</a>	<a href="#">🗑</a>
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	<a href="#">✎</a>	<a href="#">🗑</a>
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	<a href="#">✎</a>	<a href="#">🗑</a>
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									
<div><div>+ New Daily Work Report</div><div><div>Q</div><div>Search by inspector, date, or notes</div></div></div>									
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  
12/10/2025 

Retained Amount  
0.00 \$ 0 %

Release Amount  
0.00 \$ 0 %

☐ 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

 Save

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

## Pay Estimate List

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

Summary Daily Work Reports **Pay Estimates** Change Orders Job Pay Items

[+ Add New Pay Estimate](#)


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

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

Change  
Order:  
Balance Item

**Job Item Library** ×

1 Select Pay Items      2 Data      3 Review & Submit

Spec Year	Pay Item Code	Units	Description	Total Qty	Qty Placed	Qty Paid	Total Price	
2020	6027011	Syd		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 \*

Price \*

Supplemental Description \*

200

\$ -52.50

Overtime Hours Mon-Sat

Project

Category

PW-7051

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: 01/26/2026

Summary: 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	<a href="#">Edit</a> <a href="#">Delete</a>
									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	<a href="#">Edit</a> <a href="#">Delete</a>
								Total Price: -\$22,650.00

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

## Change Order List

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

SummaryDaily Work ReportsPay EstimatesChange OrdersJob Pay Items

+ New Change Order

+ New Balance Mod

Q

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 displays the 'User List' page in the Road Conductor application. The interface features a top navigation bar with the Road Conductor logo, a 'Dashboard' button, and buttons for 'Jobs', 'Management' (with a dropdown arrow), and 'Admin' (with a dropdown arrow). A user profile icon is located in the top right corner. Below the navigation bar, there are tabs for 'ALL', 'ACTIVE', and 'DEACTIVATED', with 'ALL' currently selected. A '+ Create New User' button is positioned on the right side of the tab area. The main content area shows three user cards. Each card contains a circular profile picture with initials, the user's name, their email address, their role, and their status.

Initials	Name	Email	Role	Status
AD	admin		SYSTEM ADMIN	ACTIVE
NK	nkoszyk@mtu.edu	nkoszyk@mtu.edu	SYSTEM ADMIN	ACTIVE
JU	nick@mtu.edu	nick@mtu.edu	RC USER	ACTIVE

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

## Add/Edit User

The screenshot displays the 'Create New User' modal form within the Road Conductor application. The background shows a user management interface with tabs for 'ALL', 'ACTIVE', and 'DEACTIVATED' users. A user card for 'admin' is visible, showing a placeholder image 'AD', the name 'admin', the role 'SYSTEM ADMIN', and a status of 'ACTIVE'. The modal form itself has a title bar with a close button (X). It contains the following fields: 'First Name\*' (text input), 'Middle / Initial' (text input), 'Last Name\*' (text input), 'Email\*' (text input), 'Role\*' (dropdown menu with 'Select a Role' as the placeholder), 'Phone Type' (dropdown menu with 'Work' selected), 'Phone Number' (text input), and 'Ext' (text input). At the bottom of the modal are 'Cancel' and 'Save' buttons.

**ROAD CONDUCTOR<sup>SM</sup>**

Dashboard Jobs Management Admin

ALL ACTIVE DEACTIVATED + Create New User

**Create New User** (X)

First Name\*

Middle / Initial

Last Name\*

Email\*

Role\*  
Select a Role

Phone Type Phone Number Ext  
Work

Cancel Save

# Questions?

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906-487-2102

<https://roadconductor.com/support/>

for any technical support/licensing questions

