



March 13, 2024



- <u>CDOT Lake Line Damen Station</u>
- Non-Revenue Maintenance
- Traction Power Upgrades Canal Tie House, Barry and Damen Substations
- <u>O'Hare Line Harlem Station Bus Bridge Improvements</u>
- Red and Purple Modernization Project



Project Title: CDOT - Lake Line - Damen Station

Justification of Need:

Priority of Project:	Medium
Total Project Budget:	
Construction Contract Value:	\$80,683,637
Earned to Date:	59%
Percent Change Orders to Construction Contract:	19.9%
Percent Time Used:	98%
DBE:	MBE: 30% WBE: 8% VBE: 0.96%
Funding Source:	TIF/CMAQ
Estimated Start Date/Estimated Length of Project:	897 days after NTP – SC Date: 3/28/24 (anticipated to push to July 2024)
Designer of Record:	Perkins and Will
Construction Manager/General Contractor:	Arcadis / FH Paschen



Project Title: CDOT - Lake Line - Damen Station

Impact on Customers:	This will be a new Elevated CTA Station on the Lake Branch of the Green Line at Damen and Lake Streets. CTA has also implemented slow zones due to structural on-going work.
Benefit to System:	The new station will provide transit connectivity, convenience and amenities to residents, workers and visitors alike.
Benefit to Community:	New, modern transit facility that will serve the burgeoning needs of the Kinzie Industrial Corridor. The new station will also support visitors to the United Center, Malcom X College and educational institutions.
Impact on Accessibility:	This will be a fully accessible CTA station equipped with escalator and elevator access to both platforms and accessible path to the new station house.
Customer Communication Need:	Customer and Community facing is being handled through CDOT.

Comparable Projects:

Morgan Station on Green Line

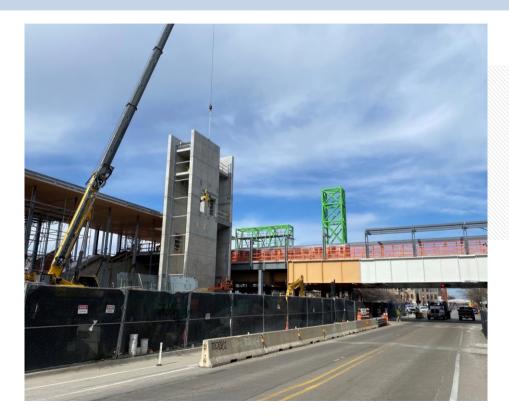
Project Title: CDOT - Lake Line - Damen Station

Construction Progress

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Phase	Description	Status
Construction		
	Install Station CMU and Door Frames	Completed
	Continue Nail Laminated Timber (NLT) Ceiling	On-Going
	Erect/Detail Platform/Canopy Steel	On-Going
	Set Precast Platform Panels	On-Going
	Install Platform Supervisor's Booth	On-Going
	Install Canopy Steel at Platform	On-going
	Steel Delivery for Pedestrian Bridge	Planned Early April

cta Project Title: CDOT - Lake Line - Damen Station



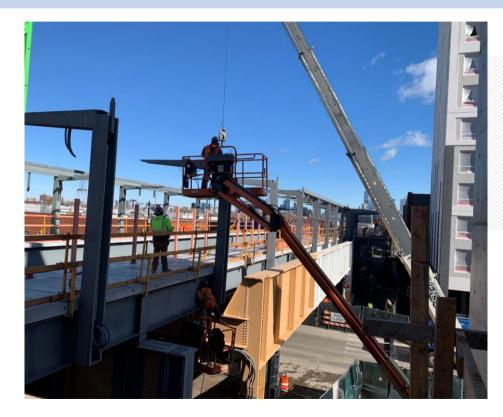
Station House at Damen Ave

cta Project Title: CDOT - Lake Line - Damen Station



Detailing Steel at North Tower

cta Project Title: CDOT - Lake Line - Damen Station



Hanging Canopy Steel at Platform level



Project Title: Non-Revenue Rail Vehicle Facility

Justification of Need:

Priority of Project:	Medium
Total Project Budget:	\$65,902,503
Construction Contract Value:	\$47,903,964 (after CO# 2) - \$44,370,443 (after CO# 1)
Earned to Date:	84% (thru October 2023)
Percent Change Orders to Construction Contract:	11% (thru Change Order #2, Executed: 12/08/23)
Percent Time Used:	100%
DBE:	Goal: 30% Design / 27% Construction Commitment: 30% Design / 27% Construction Workforce Goals: 10% Career Opportunity/ 10% Apprentice/ 35% EDA Outreach events conducted: 3 (CTA / Clark) Contractor is working with DBE on Good Faith Efforts.
Funding Source:	IDOT - Rebuild Illinois
Estimated Start Date/Estimated Length of Project:	NTP: 3/24/21 Project Duration – 1031 days thru Change Order #3
Designer of Record:	STV Inc.
Construction Manager/General Contractor:	WSP/Clark Construction

Detailed Overview of Scope: Perform Design/Build Services to design and construct a new maintenance facility at the CTA's 63rd Lower Yard. This facility will be utilized to repair and maintain CTA's Non-Review Rail Mounted Equipment Fleet. This facility will include three maintenance and inspection tracks, a vehicle wash track with equipment, a paint booth, a welding room, a multipurpose lunchroom and classroom, locker and washroom facilities, supervision offices, and storage facilities.



Project Title: Non-Revenue Rail Vehicle Facility

Impact on Customers:	While no direct impact to rail service, this facility will allow CTA Rail Maintenance to efficiently maintain the CTA's non-revenue fleet. This will result in equipment being in good working order and ready to perform necessary repairs and upkeep to the CTA system. This will allow CTA to maintain reliable service to our customers.	
Benefit to System:	The ability to effectively and efficiently maintain the CTA's non-revenue fleet will result in equipment being in good working order and ready to perform necessary repairs and upkeep to the CTA system.	
Benefit to Community:	This facility will be design to compliment the surrounding neighborhood from an aesthetic perspective. It will also bring additional activity to the immediate neighborhood.	
Impact on Accessibility:	The building will obtain City of Chicago Building permits, which included accessibility reviews.	
Customer Communication Need:	Customer impact will be minimal. Community outreach efforts are ongoing with local elected official and the neighboring school to discuss and minimize impacts during construction. Communications will continue with the surrounding residences and business regarding any upcoming impacts to the surrounding area during construction.	
Comparable Projects:		



Construction Progress

Phase	Description	Status
Construction	 Design Phase Design Package 3 – W48 Waterline Permit W48 Parking Lot Design Final Design Construction Phase Storeroom 48 Existing Line Demo Trim-out Bathroom Accessories Painting Walls and Pipes Pulling & Trimming Electrical Wires Changeover Main Gate/Guard Booth Communication Equipment Installation CTA to Install Tracks in South Yard DC Equipment Install 	Complete In Progress Complete Complete In Progress In Progress In Progress In Progress In Progress Upcoming

Delay Explanation:

cta Project Title: Non-Revenue Rail Vehicle Facility



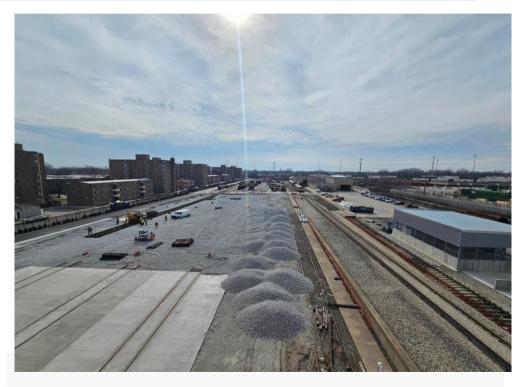
Painting Overhead Exhaust

cta Project Title: Non-Revenue Rail Vehicle Facility



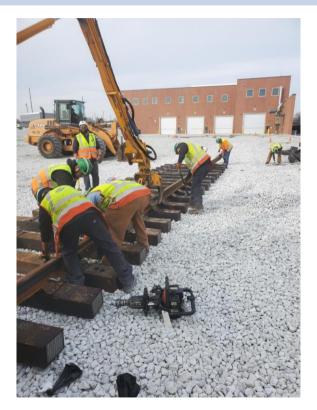
South Yard Ballast Delivery

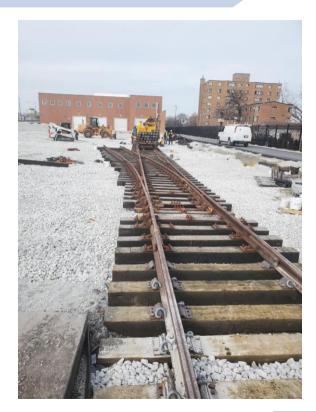
cta Project Title: Non-Revenue Rail Vehicle Facility



Construction of South Yard and Storage Shed

Project Title: Non-Revenue Rail Vehicle Facility





Track Construction

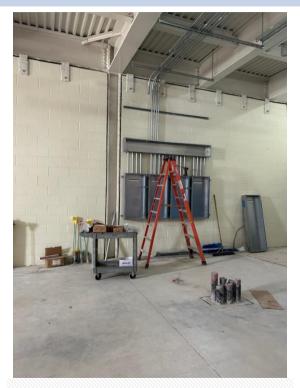
Impact on Customers:	Minor service disruptions during track access occurrences.
Benefit to System:	The new Traction Power Substation will increase service reliability to the Blue Line.
Benefit to Community:	New buildings will enhance and will blend with the surrounding community and will benefit transit riders in the Blue Line with a safer and more reliable service.
Impact on Accessibility:	N/A
Customer Communication Need:	Construction Activity Notices.
Comparable Projects:	

East Lake, Milwaukee & Illinois (ELMI) and Broadway substations

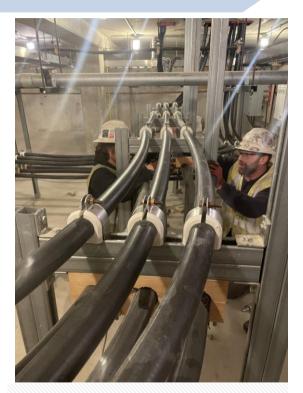


Construction Progress

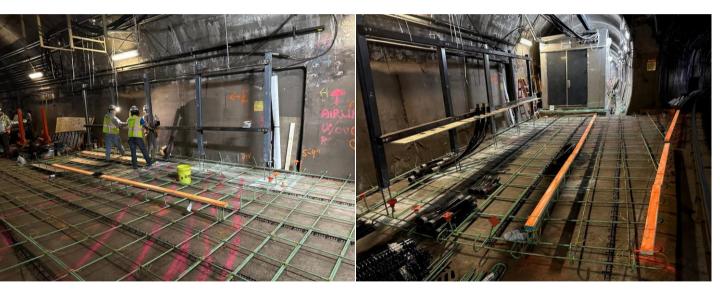
Phase	Description	Status
Haymarket Substation	Install new electrical equipmentBuild building interior, flooring, rooms and finishesEquipment testing and commissioning.	Completed Completed Ongoing
Canal Tie- House	Commission Tie-HouseInterior Tie-House Build-OutCable connections to Tie-House	Ongoing Ongoing Ongoing
Damen Substation	 Fabricate new substation electrical equipment Build building exterior walls and roof Build building interior, flooring, rooms and finishes 	Ongoing Completed Ongoing
Barry Substation	Building exterior walls and roof.Build building interior, flooring, rooms, and finishesEquipment testing and commissioning.	Ongoing Upcoming Upcoming
Belmont Crossover	Punchlist work.	Ongoing



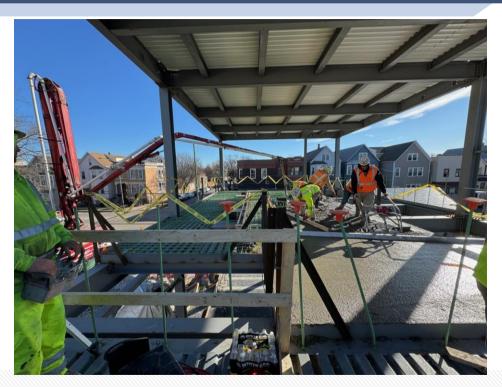
Interior Substation Electrical Install at Damen



Traction Power Duct Install at Haymarket



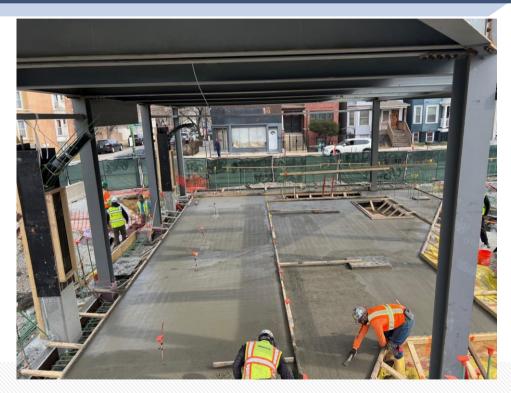
Rebar and Cable Install for Ductbank at Canal



Second Story Concrete Floor Pour at Barry



First Floor Rebar Installation for Floor Slab at Barry



First Floor Concrete Pour for Floor Slab at Barry

Cta Project Title: O'Hare Line – Harlem Station Bus Bridge Improvements

Justification of Need:	The condition of the Harlem Station bus bridge was initially identified as an infrastructure need in 2013. At that time, CTA noted significant deterioration to the concrete deck, concrete piers, and structural steel support elements due to salt corrosion and water infiltration. More recently, critical defects caused by concrete deck expansion joint failure have been identified in the south pier. The bridge needs to be replaced before it becomes a safety hazard and has to be taken out of service.
Priority of Project:	Medium
Total Project Budget:	\$34.5 Million
Construction Contract Value:	\$19.6 Million
Earned to Date:	\$1.5 Million
Percent Change Orders to Construction Contract:	0
Percent Time Used:	35%
DBE:	DBE goal: 25%. DBE Firms: MW Powell, Highway Safety Corp., Argo Construction LLC, Vision Painting, Alpine Demolition, W.E.B. Production & Fabricating, AC Iron LLC, S & J Construction, Livewire Electrical Systems.
Funding Source:	Rebuild Illinois, Federal 2020, Federal 2016, Surface Transportation Program (CMAP)s
Estimated Start Date/Estimated Length of Project:	GC NTP: September 5, 2023. Substantial Completion: March 2025 (NTP + 550 days)
Designer of Record:	НЛТВ
Construction Manager/General Contractor:	CM: TranSystems/TY Lin JV. GC: John Burns Construction Company.

Cta Project Title: O'Hare Line – Harlem Station Bus Bridge Improvements

Impact on Customers:	Minor changes in bus service and Park & Ride access for those who use the Harlem Blue Line Station on the O'Hare Branch. Rail services will not be impacted.	
Benefit to System:	New bridge superstructure and interface between bridge and station, new concrete approaches, bridge deck, ADA-compliant curbs and sidewalks, new canopy on bridge. New bus operator bathroom facility, painting, improved drainage.	
Benefit to Community:	Replacement of the bridge before it becomes unsafe will help ensure continuity of service on bus routes out of the O'Hare Line Harlem Station.	
Impact on Accessibility:	New ADA-compliant curbs and sidewalks for improved accessibility.	
Customer Communication Need:	Construction Activity Notices, coordination with Alderman, press releases.	
Comparable Projects:		
Montrose Bridge Replacement (IDOT)		

Project Title: O'Hare Line – Harlem Station Bus Bridge Improvements



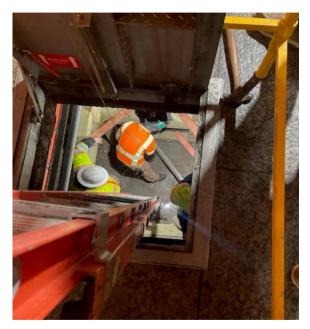


Closure of west entrance to station in preparation for bridge demolition

Cta Project Title: O'Hare Line – Harlem Station Bus Bridge Improvements

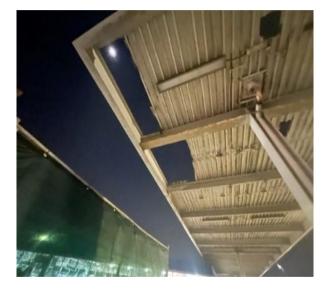


Directional boring under I-90 for temporary power



Temp Power Conduit Entering Under Station Platform

Cta Project Title: O'Hare Line – Harlem Station Bus Bridge Improvements





Bus Bridge Canopy Demolition

Bus Bridge Shielding Installation



Justification of Need:	The RPM Phase One Project is greatly needed in order to expand c to replace aging infrastructure.	apacity on CTA's most utilized rail line and
Priority of Project:	High	
Total Project Budget:	\$ 2.1 Billion (excludes Transit TIF interest payments)	
Construction Contract Value:	Original - \$1,272,275,929 Current - \$1,364,324,117	
Earned to Date:	73.24%	
Percent Change Orders to Construction Contract:	7.2%	
Percent Time Used:	75.19%	
DBE:	Design: Goal: 20% / Commitment: 20.64% Construction Goal: 20% / Commitment: 20% Workforce Goals: 10% WIOA / 15% Apprentice / 35% EDA	Contractor is on track to meet the DBE goal
Funding Source:	CTA Financing, FTA Core Capacity Grant, CMAQ, TIFs	
NTP / Construction Start / Estimated Completion:	February 8, 2019 / October 2019 / 2025	
Design-Build Contractor:	Walsh-Fluor Design-Build Team	
Owners Representative:	Elevated Solutions Partners	

Detailed Overview of Scope: RPM Phase One consists of the following elements that will allow CTA to expand service along the Red and Purple lines:

 Lawrence to Bryn Mawr Modernization (LBMM) – complete reconstruction and addition of ADA accessibility at four Red Line stations (Lawrence, Argyle, Berwyn, and Bryn Mawr) and reconstruction of 6 miles of track, structures, and viaducts from Leland Ave. to Ardmore Ave.

Red-Purple Bypass (RPB) - Construction of a grade-separated bypass for the Brown Line at Clark Junction, just north of Belmont Ave. Includes realignment and
reconstruction of 1.4 miles of mainline tracks and structure between Belmont station and south of Cornelia Ave.

Corridor Signal Improvements (CSI) – Installation of new higher-capacity signal system on 23 miles of track between Belmont and Howard stations.



Phase	Description	Status
Administrative / Design:	 Continued submittal/revisions of required management plans Continued Design Development in support of Red-Purple Bypass, Lawrence to Bryn Mawr Modernization, and Corridor Signal Improvements 	Ongoing Ongoing
Construction:	 Red-Purple Bypass (RPB) Ravenswood structure rehabilitation North Mainline structure rehabilitation Demo and removal of the existing NM steel structure, NM3 and NM4 Stage 2 punchlist work Installation of the Stage 3 drilled shafts Construction and concrete placement for the Stage 3 NM substructure Clark Substation Traction Power cable relocations Clark Relay House Removal Lawrence to Bryn Mawr Modernization Stage A Punchlist work Drilled shaft installation Concrete substructure work Bryn Mawr Station foundation work Cast-in-place bridge construction at Ardmore Berwyn Station foundation work Drainage excavation Gantry erection 	Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Started Started Started
	 Corridor Signal Improvements (CSI) LBMM Stage A systems punchlist activities RPB Stage 2 systems punchlist activities Continued signal testing and monitoring at Clark, Kenmore, Winona and adjacent signal houses HVAC, Fire suppression and electrical improvements at Jarvis Relay Room Removal of decommissioned signal/comm cables from trolley poles along track 1 from Thorndale to Jarvis Installation of brackets and messenger cable along track 4 Installation of signal equipment platforms from Addison to Sheridan 	Ongoing Ongoing Ongoing Ongoing Complete Ongoing Ongoing



Red-Purple Bypass



North Main Line Column Pour Work



Lawrence to Bryn Mawr Modernization



Berwyn Station Elevator Mat Slab Foundation Work



Lawrence to Bryn Mawr Modernization



Concrete Columns Cap Pour



Lawrence to Bryn Mawr Modernization



Drainage Excavation



Lawrence to Bryn Mawr Modernization



Gantry Assembly at Ardmore

cta

Project Title: RPM Phase One – Design-Build Contract

	Outreach type	Major Activities	Timing
Community	With the parade.With the parade.	 Weekly Red-Purple Bypass Project updates for 44th ward Lawrence to Bryn Mawr project updates for 46th, 48th wards Kickoff of weekly Clark Street "Open for Business" outreach to small businesses for Clark Street closure (Roscoe-Newport) 2/9-3/30 RPM Next Phases Public Meeting – Evanston/Wilmette focus RPM monthly virtual office hours 48th Ward Virtual Ward Night - Under 'L' Activation Argyle Lunar New Year Parade 	Weekly Bi-weekly Jan. 29-ongoing Feb. 1 Feb. 13 Feb. 15 Feb. 18
Workforce & SBE/DBE	CHICAGO WOMEN IN TRADES IN TRADES IN TRADES Services Formiles mpowered	 Monthly DBE/Workforce Outreach & Compliance Meeting Q1 Workforce Outreach Event at Altgeld Gardens DBE and Workforce Numbers as of 2/29/2024 Dollars Awarded To Date: \$268,557,217 Unique DBE Firms To Date: 119 Unique DBE Firms New to CTA: 54 Total Labor Hours Produced: 1,605,747 Total Dollars Earned: \$94,211,543 Jobs created to date (construction trade labor on the design-build team): 2,112 individuals 	Ongoing Jan. 25