

Construction Project Briefing

June 13, 2012



Today's Presentation

- Loop Track
- Purple Line Viaducts



Project Title: Loop Track Renewal Project

Managing Department: Power & Way Construction

Justification of Need:	The existing track system and the components are beyond their useful life.
Priority of Project:	High
Total Project Budget:	\$53,026,306
Construction Contract Value:	\$33,798,984
Earned to Date:	\$1.6M
Percent Change Orders to Construction Contract:	0%
Percent Time Used to Date:	50%
Funding Source:	2010 State Capital Program
Estimated Start Date/Estimated Length of Project:	NTP issued September 14, 2011, 476 days to Substantial Completion
Project Manager:	Barney Gray (GM); Grace Ohs (PM)

Detailed Overview of Scope:

- The project consists of renewal of track on the Wells/Van Buren legs of the Loop, including Tower 18 and Tower 12 Junctions, and Hubbard Curve on the Brown Line.
- New components shall include ties, running rail, rail fasteners, guard rail, restraining rail, other track material, contact rail, contact rail insulators and anchors, footwalk, track access stairs, control panels, switch machines, rail lubricators, traction power and signal cabling.
- Special Track Work includes Tower 12 Junction, Tower 18 Junction, new double crossover near Washington/Wells and replacement of Left Hand & Right Hand crossovers near Adams/Wabash.



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Impact on Customers:	16 Weekend line cuts and reroutes. 14 Nightly single tracks and reroutes.
Benefit to System:	Reduced maintenance costs, improved headways for revenue service, and improved safety.
Benefit to Community:	Improved headways for revenue service and improved safety.
Impact on Accessibility:	None.
Estimated # of Jobs Created:	140
Customer Communication Need:	Construction Activity Notices will be needed to alert businesses and residents to weekend and night work. Station signage and Customer Assistants will be needed to direct customers during weekend and night work.

Comparable Projects:
<ul style="list-style-type: none"> • Dearborn Track Renewal • Ravenswood and North Main Line Tie Renewal • Loop Signal Project (Track Renewal on Lake and Wabash)



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Construction Progress

Phase	Description	Status
Construction	<ul style="list-style-type: none">▪ NTP was issued September 14, 2011. Survey started 11/21/11 and was completed 12/23/11. Shop Drawings for Washington/Wells Crossover, Jackson Crossovers, and Tower 12 North section have been approved.▪ The first scheduled weekend reroute for work was 4/20/2012-4/23/2012.▪ The second scheduled weekend reroute for work was 5/11/2012-5/14/2012.▪ The third scheduled weekend reroute for work is 6/1/2012-6/4/2012.	Ongoing

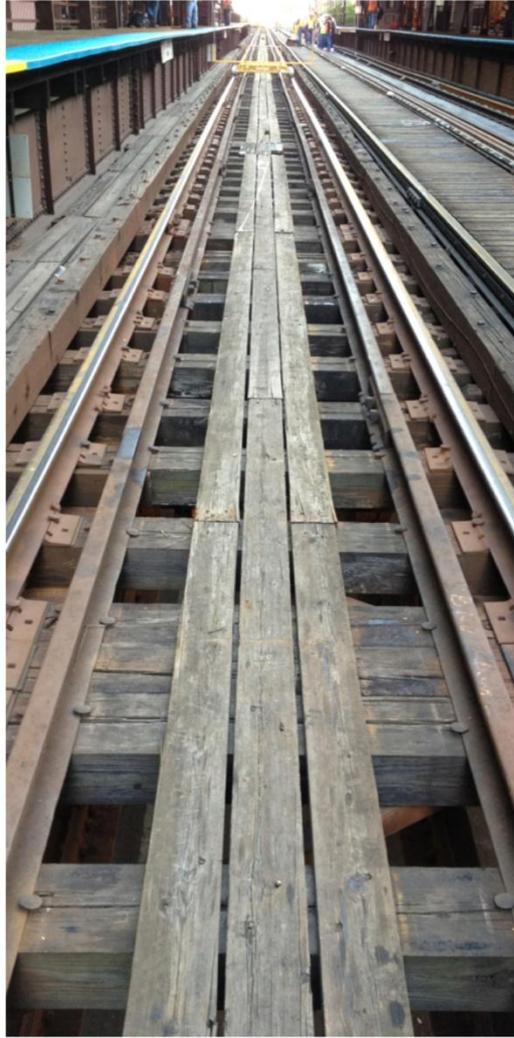
Delay Explanation:

- None

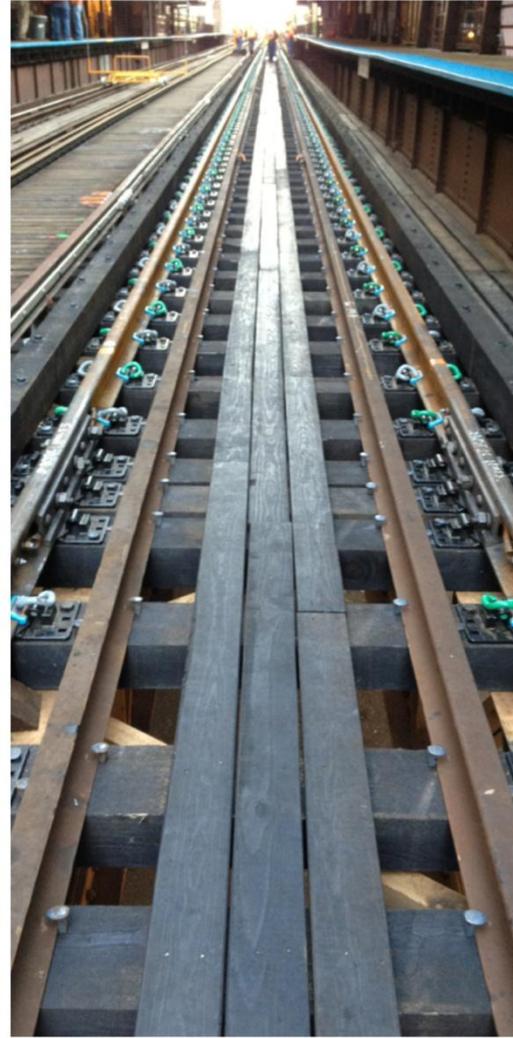


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Before



After

Project Title: Purple Line Viaducts

Managing Department: Facilities Construction

Justification of Need:	Existing deteriorated viaducts are past their useful life and require slow zones. Shoring towers exist in street and sidewalks under viaducts.
Priority of Project:	High
Total Project Budget:	\$15.3M
Construction Contract Value:	\$10.3M
Earned to Date:	\$5.6M (53.8%)
Percent Change Orders to Construction Contract:	0%
Percent Time Used to Date:	46%
Funding Source:	2010 State Capital Program
Start Date/Length of Project:	NTP issued August 18, 2011; Substantial Completion: May 19, 2013
Project Manager:	John Titzer (GM/PM)

Detailed Overview of Scope:

- Replacement of existing concrete viaducts at Greenleaf, Dempster, and Grove, with a new, longer steel bridge span. New bridge to include new ties, rail and ballast along with new drainage systems.
- New sidewalk, fencing, and landscaping at each viaduct.
- Replace 320 foot long timber retaining wall north of Greenleaf with new pre-cast concrete wall.
- Rehabilitation of existing retaining walls along Chicago Avenue, and adjacent to Greenleaf Viaduct (2,064 feet of wall repairs).



Project Title: Purple Line Viaducts

Managing Department: Facilities Construction

Impact on Customers:	During non-rush periods, reduced train speeds when workers are on the Right-of-Way. Bus Shuttles to replace rail service during weekend line cuts for bridge roll-ins (2).
Benefit to System:	Reduce Purple Line slow zones and upgrade aging infrastructure.
Benefit to Community:	Faster Purple Line service, improved traffic flow through viaduct, and improved aesthetics.
Impact on Accessibility:	N/A
Estimated # of Jobs Created:	40
Customer Communication Need:	<ul style="list-style-type: none"> • Courtesy notifications to the local Evanston Alderman and community about the project.

Comparable Projects:
<ul style="list-style-type: none"> • Church and Main Street Viaduct Replacement Projects



Project Title: Purple Line Viaducts

Managing Department: Facilities Construction

Construction Progress

Phase	Description	Status
Construction	<ul style="list-style-type: none"> Replacement retaining wall at Greenleaf (H-Pile Wall) will be completed after bridge roll-in (June). Wall caps and crack patching was completed at Greenleaf. Chicago wall is 100%, Jewel Wall is 98% complete. 	Ongoing
	<ul style="list-style-type: none"> All three bridges are under construction in the staging areas. Bolting, welding and painting will be on-going until cut-over weekend. 	Ongoing
	<ul style="list-style-type: none"> Greenleaf cut-over weekend scheduled for June 9th. Dempster and Grove will be rolled in on the weekend of June 23rd, 2012 	Ongoing
	<ul style="list-style-type: none"> CTA Forces will move a traction power expansion gap approximately 30 feet south of existing location at Dempster south abutment on weekend of June 9th, 2012. Expansion gap otherwise would be within new steel bridge span. 	Scheduled

Delay Explanation:
No current delays



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Construction of Grove Bridge Span in Staging Area

