

Construction Project Briefing

October 11, 2012



Today's Presentation

- Loop Track
- Purple Line Viaducts
- North Red Line Stations



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:	\$11.9M
Percent Change Orders to Construction Contract:	2.2%
Percent Time Used to Date:	80%
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.



Project Title: Loop Track Renewal Project

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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)



Project Title: Loop Track Renewal Project

Managing Department: Power & Way Construction

Construction Progress

Phase	Description	Status
Construction	<ul style="list-style-type: none">▪ Weekend #1 reroute was 4/20/2012-4/23/2012.▪ Weekend #2 reroute was 5/11/2012-5/14/2012.▪ Weekend #3 reroute was 6/1/2012-6/4/2012.▪ Weekend #4 reroute was 6/15/2012-6/18/2012.▪ Weekend #5 reroute was 6/29/2012-7/02/2012.▪ Weekend #6 reroute was 7/20/2012-7/23/2012.▪ Weekend #6.5 reroute was 8/10/2012-8/13/2012.▪ Weekend #7 reroute was 8/24/2012-8/27/2012.▪ Weekend #8 reroute was 9/7/12-9/10/12.▪ Weekend #9 reroute is 9/21/12-9/23/12.▪ Weekend #10 Line Cut is 9/28/12-10/1/12.	Ongoing

Delay Explanation:

- None



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:	\$9.4M (91.2%)
Percent Change Orders to Construction Contract:	2 %
Percent Time Used to Date:	61%
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"> <li data-bbox="318 344 1429 422">▪ Substantial Completion for Milestone A is scheduled for late October 2012 <li data-bbox="318 468 1477 711">▪ Greenleaf stepped abutment walls have been poured. Knee wall masonry work has been completed at Greenleaf, crews moving to Grove on the week of September 10th. Masonry will be followed by curb/gutter, sidewalk construction, asphalt paving and site landscaping. Reinforcing steel installation for the slope walls at Dempster started the week of September 17th. 	<p data-bbox="1535 344 1700 379">Scheduled</p> <p data-bbox="1535 468 1671 504">Ongoing</p>

Delay Explanation:
No current delays



Project Title: Purple Line Viaducts

Managing Department: Facilities Construction



Greenleaf South Abutment – Completed Knee and Slope Wall

Project Title: North Red Line Stations

Managing Department: Facilities Construction

Justification of Need:	Seven stations on the north branch of the Red Line require renovation.
Priority of Project:	High
Total Project Budget:	\$86 M
Construction Contract Value:	\$72.4M
Earned to Date:	\$28M (38.6%)
Percent Change Orders to Construction Contract:	26.4%
Percent Time Used to Date:	44%
Funding Source:	FTA
Start Date/Length of Project:	NTP issue February 2012, Substantial Completion February 28, 2013
Project Manager:	Steven Mascheri (GM) Bill Polacek (PM)

- Detailed Overview of Scope:**
- Renovations of seven stations including Lawrence, Argyle, Berwyn, Thorndale, Granville, Morse, and Jarvis. Scope includes exterior and interior improvements, including tuck pointing and selected re-facing, new doors, windows, floors, walls, ceiling, lighting, and station amenities.
 - Platforms being replaced or renovated at all locations.
 - Track rehabilitation at all locations except Granville, including new waterproofing over viaducts, ties, ballast, and rail.



Project Title: North Red Line Stations

Managing Department: Facilities Construction

Impact on Customers:	Stations being closed up to six weeks for renovation; no closure of adjacent stations. Track reroutes on weekends and evenings for track replacement.
Benefit to System:	Renovated stations that are brighter, safer, and dry.
Benefit to Community:	Improved traffic flow throughout stations and more reliable rail service.
Impact on Accessibility:	None
Estimated # of Jobs Created:	150 (estimate)
Customer Communication Need:	<ul style="list-style-type: none"> • Notification to community for station closures and weekend track impacts. • Traffic and pedestrian reroutes for weekend track rehabilitation. Supplemental bus service to be provided for weekend track work. • Bus re-routes during station closures, track work

Comparable Projects:

- Brown Line Capacity Expansion Project



Project Title: North Red Line Stations

Managing Department: Facilities Construction

Construction Progress

Phase	Description	Status
Design	<ul style="list-style-type: none"> Design of Granville, Morse, Thorndale, Argyle, and Berwyn 	Completed
	<ul style="list-style-type: none"> Design of Lawrence and Jarvis 	Ongoing
Construction	<ul style="list-style-type: none"> Rehabilitation of tracks and waterproofing at Jarvis, Morse, Thorndale, and Argyle 	Complete
	<ul style="list-style-type: none"> Rehabilitation of tracks and waterproofing at Berwyn 	Ongoing
	<ul style="list-style-type: none"> Renovation of Granville and Morse stations 	Closeout
	<ul style="list-style-type: none"> Renovation of Argyle and Thorndale Stations 	Ongoing
	<ul style="list-style-type: none"> Renovation of Concrete Viaducts 	Ongoing
	<ul style="list-style-type: none"> Slow zone removal is 4,650' to date. 	Ongoing

Delay Explanation:

No current delays







slabmont



Read it.
Then recycle it.

Customer Alert



No Smoking





EXIT

BRING A NEW
CHICAGO
★ ★ ★
Creating Mile 1: Investing in our Future









STATION ELEVATOR STATUS
The following elevators are out of service:
Elevator #1 - In Service
Elevator #2 - In Service
Elevator #3 - In Service
Elevator #4 - In Service
Elevator #5 - In Service
Elevator #6 - In Service
Elevator #7 - In Service
Elevator #8 - In Service
Elevator #9 - In Service
Elevator #10 - In Service
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Elevator #12 - In Service
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Elevator #100 - In Service

Check your
Transit Card or
Chicago Card
value and
expiration here

Enter here for trains 

**Attention
Red Line
Customers:**
Service to Howard
is bypassing
this station.
Due to construction on the Red Line,
service to Howard is bypassing this station.
Customers should use the Howard
Station entrance to reach Howard.
For more information, please contact
the MBTA Customer Service Center at
617-552-3200 or visit our website at
www.mbta.com.



Thorndale 5900N
1200W

No Smoking
Violators subject to fine

T
Thorndale
to 95th/Dan Ryan



5th/Dan Ryan



Howard 

