

# **Construction Project Briefing**

**March 9, 2016**



# Today's Presentation

- **95<sup>th</sup> Street Terminal Improvement Program**
- **Wilson Transfer Station, Track, and Structure Reconstruction**
- **O'Hare Line – Addison, Irving Park, Montrose, Harlem and Cumberland Station Renovations (Your New Blue)**
- **Lake Line – Laramie to Harlem – Tactical Ballasted Trackwork Project**



# Project Title: 95<sup>th</sup> Terminal Improvement Program

Justification of Need:	The terminal is functionally obsolete and does not allow for optimal bus operations and pedestrian flow.
Priority of Project:	High
Total Project Budget:	\$280 M
Construction Contract Value:	Advance Package 1: \$ 2,482,588 Advance Package 2: \$23,124,697 Main Terminal Contract: \$180,000,000
Earned to Date:	Advance Package 1: 100% Advance Package 2: 80% Main Terminal Contract: 2%
Percent Change Orders to Construction Contract:	Advance Package 1: (0.3%) Advance Package 2: 0.3% Main Terminal Contract: 0%
Percent Time Used:	Advance Package 1: 100% Advance Package 2: 100% Main Terminal Contract: 6%
DBE:	Advance Package 1: Goal: 30% / Commitment: 35.19% / Current Attainment*: 37.26%  Advance Package 2: Goal: 30% / Commitment: 30%  Main Terminal Contract: Goal: 27% / Commitment: 27%  Outreach events conducted: 8  *Attainment is based on progress payments and may vary over the life of the project
Funding Source:	Federal, State, Bond



# Project Title: 95<sup>th</sup> Terminal Improvement Program

Estimated Start Date/Estimated Length of Project:	Advance Package 1: NTP Issued June 6, 2014 / 180 days Advance Package 2: NTP Issued July 24, 2014 / 300 days Main Terminal Contract: NTP Issued Nov 24, 2015 / 1118 days
AP1/AP2 Construction Manager/General Contractor:	Walsh / II in One JV
Main Terminal Contractor:	F.H. Paschen / Milhouse JV
Owners Representative:	Jacobs/SQN JV
Project Manager:	Katrina Denny (PM), Brittany Dyra (GM)

**Detailed Overview of Scope:**

The 95th Terminal Improvement Project will create new South and North terminal buildings at 95th on the Dan Ryan Red Line. The new terminal buildings will create a functional and efficient intermodal facility to enhance bus service and improve pedestrian safety. Scope includes the replacement and expansion of the terminal and platform and the addition of bus and pedestrian bridges. New administrative office space will be built and new bus bays will be provided around the terminal buildings.



# Project Title: 95<sup>th</sup> Terminal Improvement Program

Impact on Customers:	Track closures and weekend station closures during construction. Temporary relocation of certain bus operations to nearby streets during construction phasing.
Benefit to System:	Improved customer circulation and safety by relieving congestion. Improved bus service and improved pedestrian safety.
Benefit to Community:	Improved pedestrian safety with new pedestrian bridge over 95 <sup>th</sup> Street, longer train platform extending to the new South Terminal Building.
Impact on Accessibility:	New south and north terminal buildings with improved accessible routes to buses.
Estimated # of Jobs Created:	3,120 (Direct, Indirect and Induced), 652 (Direct)
Customer Communication Need:	Requires periodic track closures and possible station closures with bus shuttle service. Bus Operations may be relocated to adjacent streets during certain phases of construction.

<b>Comparable Projects:</b>
<ul style="list-style-type: none"> <li>Wilson Station</li> </ul>



# Project Title: 95<sup>th</sup> Terminal Improvement Program

## Construction Progress

Phase	Description	Status
<p><b>Construction</b> Advance Package 2: Dan Ryan Retaining Walls</p>	<ul style="list-style-type: none"> <li>▪ Work progressed in the southeast corner.</li> <li>▪ Two wall section pours were completed and rebar work for additional wall sections continued in the southeast corner.</li> </ul>	Ongoing
<p><b>Design/ Pre-Construction</b> Main Terminal Contract</p>	<ul style="list-style-type: none"> <li>▪ CTA returned comments on the Design Validation submittal for the South Terminal.</li> <li>▪ Contractor submitted Final Design package for the South Terminal Foundations and is under review by CTA.</li> <li>▪ Initial survey work began.</li> <li>▪ Construction to begin 2<sup>nd</sup> Quarter in 2016.</li> </ul>	Ongoing

<b>Delay Explanation:</b>
N/A



# Project Title: 95<sup>th</sup> Terminal Improvement Program



**Concrete wall work in southeast corner**



# Project Title: 95<sup>th</sup> Terminal Improvement Program



**Concrete wall work in southeast corner**





# Project Title: Wilson Transfer Station, Track & Structure Reconstruction

Justification of Need:	The Station is functionally obsolete and does not allow for optimal transit operations
Priority of Project:	High
Total Project Budget:	\$206 M
Construction Contract Value:	\$ 152,370,000
Earned to Date:	32% (through December)
Percent Change Orders to Construction Contract:	(0.8 %)
Percent Time Used:	47%
DBE:	Goal: 25% / Commitment: 27.52% Outreach events conducted: 1
Funding Source:	Federal, State, Bond and TIF
Estimated Start Date/Estimated Length of Project:	NTP 7/25/14; Substantial Completion 1/10/18
Designer of Record:	HNTB
Construction Manager/General Contractor:	Arcadis/Walsh/II In One JV
Project Manager:	Pedro Hurtado (PM), John Titzer (GM)

**Detailed Overview of Scope:** The station will replace the badly deteriorated station that was built in 1923. The station will have multiple entrances/exits and will include the following features:

- Two (2) new 26 foot – 10 car concrete island platforms with full canopies.
- New main station located on the south side of Wilson Ave., new auxiliary entrance/exit at Sunnyside Ave. and a new auxiliary entrance/exit on the north side of Wilson.
- New elevators, escalators, lighting, signage, fare control, security cameras and art work.
- Replace old existing elevated track structure with new track structure to accommodate the new station platform and the necessary infrastructure to support the new track alignment.



# Project Title: Wilson Transfer Station, Track & Structure Reconstruction

Impact on Customers:	There will be minimum impact to CTA customers
Benefit to System:	<ul style="list-style-type: none"> <li>• New modern, more spacious and accessible stationhouse with three (3) entrances.</li> <li>• Upgraded track structure infrastructure and signals for more reliable service.</li> <li>• New transfer point between Red and Purple express rail lines.</li> </ul>
Benefit to Community:	<ul style="list-style-type: none"> <li>• Modern facility with new system upgrades.</li> <li>• Easy access entrances through three (3) entry points.</li> <li>• Bigger platforms that will accommodate higher capacity for passengers to avoid overcrowding.</li> <li>• Platform canopies to protect customers from elements.</li> <li>• New ADA accessible station.</li> </ul>
Impact on Accessibility:	Station will be fully accessible upon completion.
Estimated # of Jobs Created:	560
Customer Communication Need:	<ul style="list-style-type: none"> <li>• Construction activity notices will be provided to inform businesses and residents regarding temporary stations and construction impacts (noise, dust, street/alley impacts) throughout the project.</li> </ul>

<b>Comparable Projects:</b>
<ul style="list-style-type: none"> <li>• 95<sup>th</sup> Station – Red Line</li> </ul>



# Project Title: Wilson Transfer Station, Track & Structure Reconstruction

## Construction Progress

Phase	Description	Status
<b>Construction</b>	<ul style="list-style-type: none"> <li>Structural concrete deck pour (1<sup>st</sup> and 2<sup>nd</sup> Pour), dual block system and running rail for new track 1 has been completed.</li> </ul>	Completed
	<ul style="list-style-type: none"> <li>New open deck track at north and south end of new track 1 has been completed.</li> </ul>	Completed
	<ul style="list-style-type: none"> <li>New canopy steel framing and elevator tower installation for new west platform continues along with installation of polycarbonate canopy roof and elevator glazing enclosure.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>Continue with installation of new lighting, speakers, cameras, at platform level.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>Temporary station facilities construction continues at Wilson Main, Wilson auxiliary and Sunnyside with installation of lighting, cameras, signage and preparing for installation of fare control.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>Wilson permanent main station construction continues with masonry walls and stair installation.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>New track 1 sound wall installation continues.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>Sunnyside auxiliary station's ramp and steel enclosure continues.</li> </ul>	Ongoing
	<ul style="list-style-type: none"> <li>Electrical and Communication conduit installation under track structure continues.</li> </ul>	Ongoing



# Project Title: Wilson Transfer Station, Track & Structure Reconstruction



**New platform canopy installation**



# Project Title: Wilson Transfer Station, Track & Structure Reconstruction



**New Sunnyside ramp structure installation**



# Project Title: O’Hare Line – Addison, Irving Park, Montrose, Harlem and Cumberland Station Renovations (Your New Blue)

Justification of Need:	To return the stations to a state of good repair. The Addison station will be made accessible with the addition of a new elevator.
Priority of Project:	High
Total Project Budget:	\$41,571,760
Construction Contract Value:	\$25,564,645
Earned to Date:	14.4% (thru Invoice #7)
% Change Orders to Construction Contract:	0%
Percent Time Used to Date:	54% (thru 02/12/16)
DBE:	Goal: 26% / Commitment: 26% Outreach events conducted: 1 (CTA) 3 (FH Paschen)
Funding Source:	Federal, State, Bond
Estimated Start Date/Estimated Length of Project:	Design NTP – April 23, 2015 Start of Construction (+/-187 days after NTP) – November, 2015 Substantial Completion (540 days after NTP) – October, 2016
Designer of Record:	Muller and Muller
Construction Manager/General Contractor:	Parsons Brinckerhoff (CM), / F.H. Paschen, S.N. Nielson (GC)
Project Manager:	Steven Mascheri (GM); Mario Battle (PM)

## Detailed Overview of Scope:

The O’Hare Line- Addison, Irving Park, Montrose, Harlem and Cumberland Station Renovation Project will upgrade five stations along the O’Hare Blue Line. The project goals are to improve reliability, increase capacity and reduce travel time from downtown to the O’Hare airport station. The Addison station will receive an additional upgrade of an elevator to add accessibility for people with disabilities. All stations will receive new platform edge and topping replacement. Platform furniture will be rehabilitated and replaced as needed. Light fixtures will be provided with new lamps & ballasts, in addition all five stations are to be painted.



# Project Title: O’Hare Line – Addison, Irving Park, Montrose, Harlem and Cumberland Station Renovations (Your New Blue)

Impact on Customers:	<ul style="list-style-type: none"> <li>• 146 maximum nightly single track occurrences.</li> <li>• 21 maximum weekend single track occurrences Weekend station closures at Addison (4) and Montrose (2).</li> <li>• Partial platform closures (longitudinal).</li> <li>• Various station entrance closures at Irving Park, Cumberland, and Montrose.</li> </ul>
Benefit to System:	Extensive renovations at all stations. Addison station will become ADA compliant.
Benefit to Community:	Improved reliability, safety and accessibility.
Impact on Accessibility:	Improves accessibility by providing elevator at Addison.
Estimated # of Jobs Created:	Approximately 75
Customer Communication Need:	Construction activity notices will be needed to alert customers, businesses and residents to weekend and night work occurrences. Extensive communication will be required for weekend closures and for extended partial platform closures.

<b>Comparable Projects:</b>
<ul style="list-style-type: none"> <li>• Red Line South Dan Ryan station renovations.</li> </ul>



# Project Title: O’Hare Line – Addison, Irving Park, Montrose, Harlem and Cumberland Station Renovations (Your New Blue)

## Construction Progress

Phase	Description	Status
Design	<ul style="list-style-type: none"> <li>Design for station renovations including new elevator and stair at Addison</li> </ul>	Completed
Construction	<ul style="list-style-type: none"> <li>Construction started November 2015.</li> </ul>	
Addison Platform Extension (35')	<p><b>Planned activities</b></p> <ul style="list-style-type: none"> <li>Install new canopy steel at Addison extension.</li> <li>Place concrete topping slab.</li> <li>Install relocated access stair.</li> <li>Clean and open extension.</li> </ul>	Completed Ongoing Ongoing Start Q2 2016
Addison Stair Installation	<ul style="list-style-type: none"> <li>Demolish platform canopy roof and steel sections.</li> <li>Install micro piles for elevator.</li> <li>Install of new staircase from stationhouse to platform level.</li> </ul>	Starting Q2 2016
	<ul style="list-style-type: none"> <li>Construction of remaining four (4) stations.</li> </ul>	Starting Q2 2016

### Delay Explanation:

N/A







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**Addison concrete topping slab pour**



# Project Title: Lake Line – Laramie to Harlem – Tactical Ballasted Trackwork Improvements

Justification of Need:	The last major renewal of these tracks occurred in the early-mid 1980's. Aside from the spot replacement of a few ties along this track, the majority of ties are reaching the end of their useful life.
Priority of Project:	High
Total Project Budget:	\$27,575,247
Construction Contract Value:	\$12,981,954
Earned to Date:	0%
% Change Orders to Construction Contract:	0%
DBE:	Goal: 25% / Commitment: 25.31% Outreach events conducted: 1
Percent Time Used to Date:	19%
Funding Source:	CTA Bonds
Estimated Start Date/Estimated Length of Project:	NTP – December 22, 2015 Substantial Completion (365 days after NTP) – December 21, 2016
Designer of Record:	CTA Engineering
Construction Manager/General Contractor:	STV (CM) / Kiewit Infrastructure (GC)
Project Manager:	Barney Gray (GM); Grace Ohs (PM)

## Detailed Overview of Scope:

- Replacement of timber ties, plates and fasteners. 100% of ties on Track 1 and approximately 75% of ties on Track 2.
- Restoration of track alignment, profile and cross-leveling.
- Ballast removal, grading, replacement, compaction and dressing.
- Replacement of contact rail chairs.
- Rail transposition, welding of joints, and rail grinding.



# Project Title: Lake Line – Laramie to Harlem – Tactical Ballasted Trackwork Improvements

Impact on Customers:	There will be some noise while work is being performed. Weekend Line Cuts from Laramie to Harlem Station. Bus Shuttle will operate between closed stations.
Benefit to System:	Reduced maintenance cost and slow zone mitigation.
Benefit to Community:	Improved reliability, smoother ride, and prevention of future slow zones.
Impact on Accessibility:	None.
Estimated # of Jobs Created:	40
Customer Communication Need:	The Village of Oak Park and City of Chicago Aldermen have been notified. Construction Activity Notices will be distributed to alert businesses and residents.

<b>Comparable Projects:</b>
<ul style="list-style-type: none"> <li>• NA</li> </ul>



# Project Title: Lake Line – Laramie to Harlem – Tactical Ballasted Trackwork Improvements

## Construction Progress

Phase	Description	Status
Construction	<ul style="list-style-type: none"><li data-bbox="324 229 794 258">• Initial Submittals are under review.</li><li data-bbox="324 297 1193 325">• Survey from Harlem to Tower 18 was completed in February 2016.</li></ul>	On-going

### Schedule Revision Explanation:

- N/A

