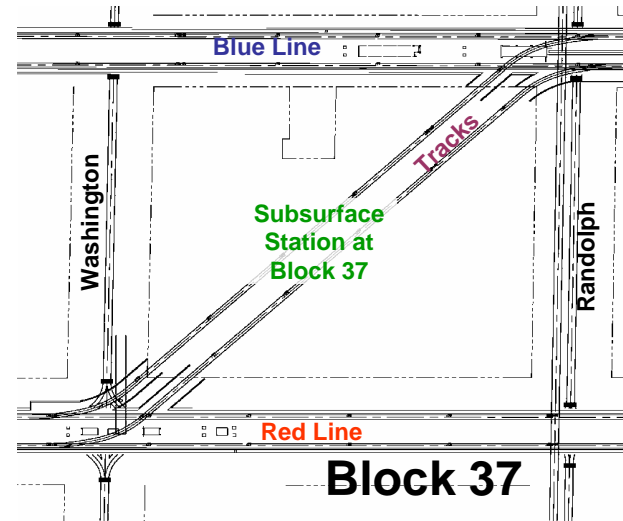


Red Line/Dan Ryan



Brown Line



CTA Capital Construction Update

July 20, 2006



Brown Line Capacity Expansion Project Project Summary

BUDGET

- Total project budget: \$529.9 million

SCHEDULE

- Project Completion: December 31, 2009
- Fullerton ADA Completion: December 31, 2008

PROJECT GOALS

- Extend platforms to allow 8-car operations
- Make stations ADA compliant
- Add elevators to 13 stations
- Rehabilitate 18 stations
- Restore 8 historic stations
- Upgrade signal, communications and power delivery system



Brown Line Capacity Expansion Project Budget

The Brown Line Project remains within its overall schedule and budget

- Currently:
 - 62% of construction budget is under contract
 - Contracts awarded are 5% over engineer's estimate
- With award of the contract before the Board today:
 - 82% of construction budget is under contract
 - Contracts awarded are 11% over engineer's estimate
- The project contingency is currently 5.6%



Brown Line Capacity Expansion Project

Market Issues Impacting Budget

- Pricing in the construction market continues to be a concern in Chicago and nationally
- “High energy and material commodity prices continue to fuel construction industry inflation, which broke into the double-digit realm after the surge in steel prices during 2004 and has remained near those levels ever since.”- Engineering New Record, June 26, 2006
- June 2004 to June 2006
 - Chicago Construction Cost Index grew by 14%.
 - 20 City Construction Cost Index grew by 8.3%.
 - Cement pricing up 11.6%
 - Fabricated steel up 20.5%
 - Common Labor Index up 7.8%



Brown Line Capacity Expansion Project Market Issues Impacting Budget

- Limited number of prime contractors
- More work than contractors
- Global market issues
- Risk/reward for the contractor



Brown Line Capacity Expansion Project Procurement

- Advertised: March 9, 2006
- Pre-bid Meeting: March 15, 2006
- Bids Received: June 15, 2006
- CTA practice to mail solicitations to all vendors (General contractors, sub-contractors and material suppliers)
 - 486 solicitations mailed to vendors
 - 63 additional solicitations requested
 - 33 additional solicitants requested via internet
- Advertised in:
 - Chicago Tribune
 - LaRaza
 - Defender
 - CTA Website
- Called all 486 vendors who received solicitations
- 77 sets of bid documents were given to potential bidders
- Follow up phone calls to all general contractors



Brown Line Capacity Expansion Project

Doing Business with CTA

- **Progress Payments**
 - CTA shall make progress payments twice per month within 30 days of receipt of an approved progress payment request.
 - The CTA seeks to pay more quickly than the 30 day requirement whenever possible.
 - The average payment time for the Brown Line contracts awarded to date is 20 days.
- **Prompt Pay**
 - CTA contractors are required to pay subcontractors within 5 business days of receipt of payment from CTA
- **Mobilization**
 - The CTA has updated language increasing the mobilization percentage to 6% of the contract value from 4% of the contract value previously.
 - The rate of mobilization payment has been accelerated so that 75% of the amount is now paid through the first invoice.



Brown Line Capacity Expansion Project

Doing Business with CTA

- **Retainage**
 - Retainage has been reduced from 10% to 5%.
 - Retainage is now released as the work related to that retainage is completed.
- **Overhead and Profit on Changed Work**
 - CTA contracts now include typical overhead and profit markups for changed work
 - The overhead markups for labor performed by the contractor's own forces are 35%; 10% for bond, insurance and taxes; and 15% for materials
 - Prime contractors are allowed to add a 5% administrative fee for the full value of work performed by subcontractors



Brown Line Capacity Expansion Project



Construction at Fullerton Station



Brown Line Capacity Expansion Project Ridership

Kedzie and Rockwell Stations Ridership (January 2006 to May 2006)

- Ridership in the area remained level
- Prior to closing combined served 2,750 customers each weekday
- Since the closure, 80% of those rides at adjacent stations
- Remaining 20% at nearby stations



Brown Line Capacity Expansion Project Clark Junction and Signals

Budget

- As of July 7, 2006, 75% of work is in place

Schedule

- NTP: December 13, 2004

Project Activities

- CTA installed 14 of 14 pieces of special track
- 8 of 14 crossovers have been signalized
- Three of five relay houses installed
- Completed alley restoration at three locations
- Completed installation of foundations at Belden relay house
- Continued express and local signal cable installation



Brown Line Capacity Expansion Project Clark Junction and Signals



Crews working at Clark Junction



Brown Line Capacity Expansion Project Belmont and Fullerton Work

Schedule

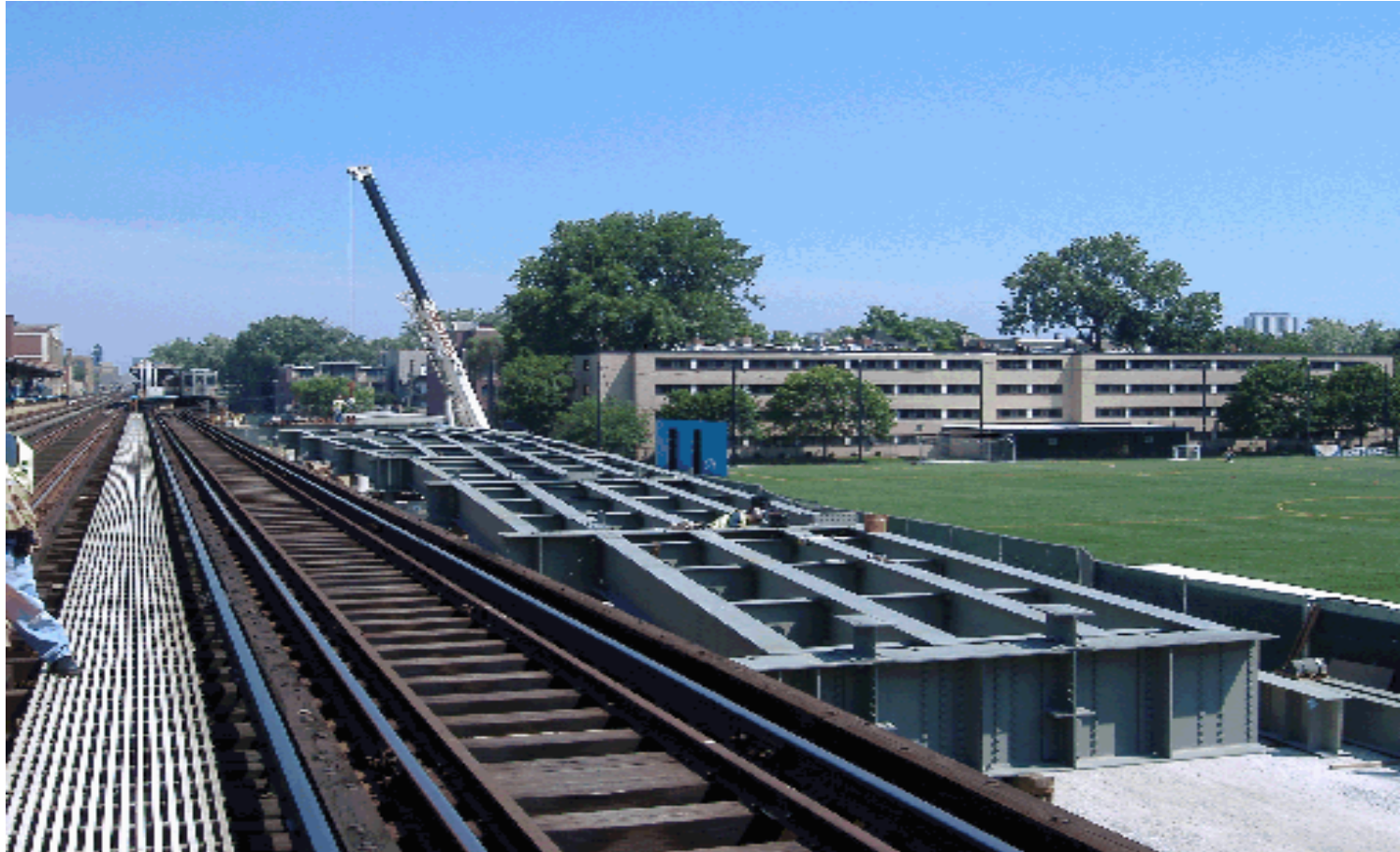
- NTP: August 17, 2005
- Fullerton ADA Completion: December 31, 2008
- Completion: December 31, 2009

Project Activities

- Fullerton work:
 - Completed Phase I caissons
 - Continued temporary stationhouse construction
 - Began setting steel and stringers
- Belmont work:
 - 19 of 21 Phase I caissons
 - Continued temporary stationhouse foundation construction



Brown Line Capacity Expansion Project Fullerton and Belmont



Construction at Fullerton Station



Brown Line Capacity Expansion Project Substations Work

Budget

- As of July 7, 2006, 44% of work is in place

Schedule

- NTP: January 10, 2005

Project Activities

- Grace Substation completed:
 - Interior lighting
 - Overhead door
 - AC gear, negative bus gear and rectifiers
 - Ornamental exterior elements
- Clark Substation continued installation:
 - AC gear, cable trays and racks and DC equipment



Brown Line Capacity Expansion Project Substations



Grace Substation



Brown Line Capacity Expansion Project Kimball, Kedzie, Francisco, Rockwell and Western Work

Schedule

- NTP: November 15, 2005
- Kedzie/Rockwell Reopening: Mid-August 2006
- Kimball/Francisco Closing: Late Summer 2006

Project Activities

- Kedzie/Rockwell completed work:
 - Precast fascia panels and electrical conduit
 - Station house roof
 - Wood stringers and platform decking
 - Platform light standards



Brown Line Capacity Expansion Project Kimball, Kedzie, Francisco, Rockwell and Western



Kedzie Stationhouse Work



Brown Line Capacity Expansion Project Kimball, Kedzie, Francisco, Rockwell and Western



Wood decking at Rockwell Station



Brown Line Capacity Expansion Project Armitage, Sedgwick and Chicago Work

Schedule

- NTP: November 15, 2006

Project Activities

- Continued:
 - Site surveying
 - Caisson pre-excavation and utility coordination
 - Selective demolition of adjacent property to Armitage station
 - Pre-excavation activities at Chicago



Brown Line Capacity Expansion Project Remaining Bid Packages

Damen, Montrose, Irving Park, and Addison Stations Bid Package

PROJECT ACTIVITIES

- Advertised: March 9, 2006
- Pre-bid meeting: March 15, 2006
- Chicago Transit Board considering a recommendation for award

3-MONTH LOOK AHEAD

- Issue construction NTP

Diversey, Wellington, Paulina and Southport Stations Bid Package

PROJECT ACTIVITIES

- Staff continue to finalize the bid package

3-MONTH LOOK AHEAD

- Advertise for construction
- Pre-bid meeting for contractors



Brown Line Capacity Expansion Project

Station bid package	Community meeting	Bid advertisement	Estimated Board consideration	Estimated construction start date	Estimated station closures
Fullerton / Belmont	February 16, 2005	March 11, 2005	June 9, 2005	August 17, 2005	none
Armitage / Sedgwick / Chicago	April 18, 2005	June 9, 2005	September 14, 2005	November 15, 2005	6 weekend closures, no earlier than July 2006
Kimball / Kedzie / Francisco / Rockwell / Western	May 9, 2005 June 13, 2005 January 17, 2006	June 27, 2005	September 14, 2005	November 15, 2005	<ul style="list-style-type: none"> ▪Kimball: 4 months, while Kedzie remains open ▪Kedzie: 6 months closure commenced on 2/20/06, while Kimball and Francisco remain open ▪Francisco: 6 months, while Kedzie and Rockwell remain open ▪Rockwell: 6 months closure commenced 2/20/06, while Francisco and Western remain open ▪Up to 10 weekend closures for at-grade stations ▪Western: no closures
Damen/ Montrose / Irving Park / Addison	September 19, 2005	March 9, 2006	July 12, 2006	Summer 2006	No earlier than August 2006 <ul style="list-style-type: none"> ▪Damen: 10 months while Montrose remains open ▪Montrose: 10 months while Damen and Irving Park remain open ▪Irving Park: 10 months while Montrose and Addison remain open ▪Addison: 10 months while Irving Park and Paulina remain open
Paulina / Southport / Wellington / Diversey	September 22, 2005	Summer 2006	Early Fall 2006	Late 2006	No earlier than September 2006 <ul style="list-style-type: none"> ▪Paulina: 10 to 12 months while Addison and Southport remain open ▪Southport: 10 to 12 months while Paulina and Belmont remain open ▪Wellington: 10 to 12 months while Belmont and Diversey remain open ▪Diversey: 10 to 12 months while Wellington and Fullerton remain open



Planned Construction Activities

Route Extra Travel Time

(through August 15, 2006)

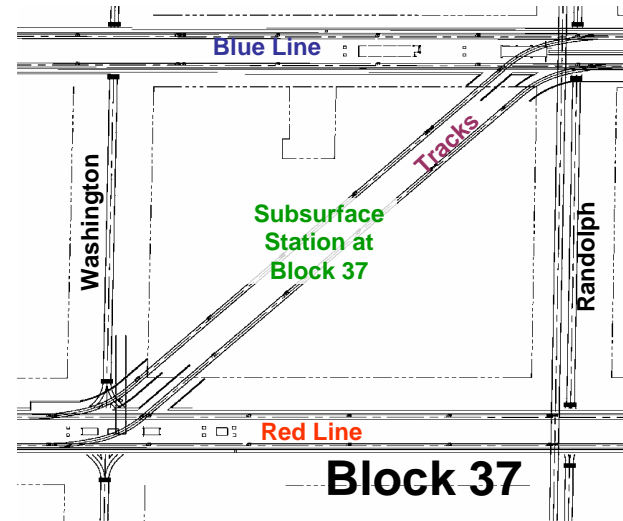
	Rush M-F 5A-9A & 3P-7P	Day M-F 9A-3P	Night M-F 7P-5A	Weekends
Blue Line				
O'Hare				
Dearborn				
Forest Park				
54th/Cermak				
Purple Line				
Linden to Howard				
Howard to Loop			NA	NA
Loop to Linden				
Brown Line				
Kimball to Loop				
Red Line				
Dan Ryan				
State				
North				
Yellow Line				
Dempster to Howard				NA
Orange Line				
Loop to Midway				
Green Line				
Lake				
Roosevelt to 55th				
55th to E. 63rd				
55th to Englewood				

Notes:

Key	0-10 mins	10-20 mins	>20 mins
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- Route travel times are a conservative estimates
- Route travel times will vary based on day of week, and time of day
- Chart depicts planned construction activities
- Chart represents the impact of construction activities up to August 15th

Red Line/Dan Ryan



Brown Line



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