CREATE Project Opportunities

Get On Board

January 2019
Today’s Session

Purpose: Learn about business and contracting opportunities related to the CREATE Program, including the 75th Street Corridor Improvement Project (75th St. CIP)

Agenda
• CREATE Program Overview
• 75th St. CIP and Argo Connections (B9) Overview
• 75th St. CIP Project Details and Status
• Community Benefits
• New Business/Contracting Opportunities
• Questions
CREATE Program Overview
What is CREATE?

Chicago Region Environmental and Transportation Efficiency (CREATE) Program

A $4.4 billion Public-Private Partnership (PPP) designed to improve transportation flow through Chicago

CREATE is a cooperative project involving:
- US Department of Transportation (FHWA & FRA)
- Illinois Department of Transportation (IDOT)
- Chicago Department of Transportation (CDOT)
- Cook County
- 6 major North American freight rail carriers and 2 switching railroads
- 2 passenger carriers (Amtrak and Metra)
CREATE Program – 70 Projects

- 25 road/rail grade separations
- 6 passenger/freight rail grade separations
- Railroad projects to improve rail infrastructure and upgrade technologies
- Viaduct improvement program
- Grade crossing safety enhancements
- Rail operations and visibility improvements
Four Corridors

- Passenger Corridor
- East-West Corridor
- Beltway Corridor
- Western Ave. Corridor
Why CREATE?

• Freight rail trade (by value) within Chicago will more than double from 2012 to 2045*
• Passenger, freight and motorist delays are experienced daily on the current system
• The region must improve freight movement and mitigate negative impacts
• Freight movements in Chicago are a NATIONAL and INTERNATIONAL issue, not just a regional one

“Global trade follows the path of least resistance. It will go where there are the fewest impediments.” -UPS

*U.S. DOT Freight Analysis Framework 4.0
INFRA Grant Award

75% publicly funded project

$474 million will complete design of the entire 75th St. CIP, build half of 75th St. CIP and build Argo Connections (B9)

$132 million federal INFRA funds closes the funding gap and advances the project toward completion

Due to federal funding requirements projects must meet design and construction schedules to avoid repayment of funds
INFRA Funded Projects

- Construct Argo track connections (B9)
- Design & Construct a Road/Rail Grade Separation at 71st Street (GS19)
- Design & Construct a Freight Rail/Rail Flyover (P3)
- Design a Commuter/Freight Rail Flyover (P2)
- Design to realign freight tracks and add a commuter track (EW2)
75th St. CIP and Argo Connections (B9)
Locations
Argo Connections (B9)

Phase III

• CSX Responsible Railroad
• DBE % Assigned: 23%
• IDOT Notice to Advertise: Spring 2019
• Solicit Bids: Spring 2019
• Bid and award: Spring 2019
• Construction start: Summer 2019
• Bid Work: Structures, grading, erosion control, drainage, sound wall construction, bridge deck replacement and environmental commitments
• Force Account railroad portion: Project management, five miles track construction and signal construction
• Construction completion: Summer 2021
75th St. CIP

Forest Hill Junction & 71st Street Grade Separation (P3/GS19)
- North-south CSX tracks cross three other east-west tracks and one city street

Rock Island Connection (P2)
- Construction of a flyover bridge to connect the Metra SouthWest Service Line to the Rock Island District Line

Belt Junction (EW2)
- Five tracks cross paths and converge into two tracks
- Multiple freight & passenger routes cross paths

80th Street Junction (EW2)
- Six tracks cross paths and converge into two tracks

Phase I completed in 2014
Timeline

We Are Here

Ongoing Public Involvement

2018

2019

2020

2021

2022

2023

2024

Argo Connection (B9) Construction

P3/GS19 Design Phase

P3/GS19 Construction

P3/GS19 Temporary Construction

P2/EW2 Design Phase

Local Mobility/Viaduct Improvements

LEGEND

B9 - Argo Connection (Chicago/Bedford Park/Bridgeview/Summit)
(non-75th St. CIP project, INFRA grant funded)

P3 - Freight Rail Flyover (75th Street, Chicago)

GS19 - Road/Rail Grade Separation (71st Street, Chicago)

P2 - Freight Rail Flyover (74th Street, Chicago)

EW2 - Add a Commuter Track & Realign Freight Tracks (80th Street, Chicago)
75th St. CIP Project Details and Status
### The Train Accident Rate Decrease Since…

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Train Accidents</td>
<td>40%</td>
<td>23%</td>
</tr>
<tr>
<td>…Human Factors-Caused</td>
<td>41%</td>
<td>20%</td>
</tr>
<tr>
<td>…Track-Caused</td>
<td>53%</td>
<td>40%   (All time low)</td>
</tr>
<tr>
<td>…Equipment-Caused</td>
<td>32%</td>
<td>16%</td>
</tr>
<tr>
<td>…Derailments</td>
<td>39%</td>
<td>23%</td>
</tr>
</tbody>
</table>

Source: FRA data as of November 2018.
Forest Hill Junction (P3) & 71st Street Grade Separation (GS19)

Phase II

- CSX Responsible Railroad
- DBE % Assigned: TBD
- IDOT Notice to Advertise: Spring 2019
- Solicit Bids: Spring 2019
- Bid and award: Spring 2019
- Design Start: Summer 2019
- Design Completion: Spring 2021
- Design scope: Project management, structure and civil design, track design and railway signal design

Phase I conceptual rendering
Forest Hill Junction (P3) & 71st Street Grade Separation (GS19)

Phase III

- CSX Responsible Railroad
- DBE % Assigned: TBD
- IDOT Notice to Advertise: Spring 2020
- Solicit Bids: Spring 2020
- Bid and award: Summer 2020
- Construction start: Summer 2020
- Construction completion: Fall 2023
- Construction sequence: Subject to change
  - Temporary civil and track construction (shoofly)
  - Permanent structure, grade separation, track and signal construction
Rock Island Connection (P2)

Phase II

• Metra Responsible Railroad
  • Hire Design consultant: Spring 2019
  • DBE % will be assigned
  • IDOT involved with selection process
• PS&E submittal: Summer 2021
• State Rail Agreements
Belt Junction and 80th Street Junction Replacements (EW2)

Phase II

• Belt Junction (EW2)
  • Norfolk Southern Responsible Railroad
    • Hire Design consultant: Spring 2019
    • DBE % will be assigned
    • IDOT involved with selection process
  • PS&E submittal: Summer 2021
  • State Rail Agreements

• 80th Street Junction (EW2)
  • UP Responsible Railroad
    • Hire Design Consultant: Spring 2019
    • DBE % will be assigned
    • IDOT involved with selection process
  • PS&E submittal: Summer 2021
  • State Rail Agreements
Community Mobility Improvements

Design & Construction

- IDOT/CDOT Responsible Agencies
- DBE % Assigned: Varies by project; most of these types of improvements will be built to spec (i.e., new sidewalks, drainage, paving, lighting, trees, etc.)
- CDOT Notice to Advertise: Fall 2019
- Solicit Bids: Fall 2019
- Bid and award: Winter 2019 - 2020
- Construction start: 2020 - 2021
- Construction completion: 2021 - 2022
- Bid scope: Varies by project (i.e., new sidewalks, drainage, paving, lighting, trees, etc.)
Community Benefits

• Economic Benefits
  • Education: Support STEM programs in local schools
  • Local Jobs: Fund on the Job Training ($15/hour) through Dawson Technical Institute
  • Contracting: Promote DBE contracting opportunities through Get On Board

• Transportation Benefits
  • Reduce congestion
  • Improve viaducts
  • Improve local mobility

• Environmental Benefits
  • Air quality and energy improvements
  • Landscaping and design enhancements
New Business/Contracting Opportunities
New Business/Contracting Opportunities

What are the opportunities for professional services?

- Right of Way (ROW) consultants
- Design, Survey, Geotech consultants
- Construction Management
  - Material testing subconsultants
  - Survey subconsultants

What are the opportunities for construction?

- Bid construction packages (structures, earthwork, utility relocations, landscaping, materials hauling, etc.)
- Force Account (suppliers/vendors, specialized equipment, rentals, etc.)
- Relocation or Utility work – Master Utility State Rail Agreement (MUSRA)
• IDOT lead
  • Context Sensitive Solutions (CSS) process followed
  • Project components include environmental commitments from Phase I where stakeholder input will be sought
  • Stakeholder Involvement Plan (SIP) defines scope and timing of coordination; community advisory meetings and public meetings anticipated
  • Public involvement consultant as part of Corridor Manager Consultant team will coordinate activities with IDOT and all design and construction teams
Potential CREATE Supplier or Service Needs

- Asphalt
- Bridge inspection
- Bridge Construction
- Building Design and Construction
- Clearing and grubbing
- Communication tower construction
- Concrete work
- Construction management
- Crane and other equipment rental with or without operator
- Demolition
- Electrical Service
- Engineering services
- Fence construction
- Grading and hauling
- Landscaping
- Painting
- Plumbing
- Retaining or sound walls
- Security to guard materials and equipment
- Special waste removal
- Steel production fabrication
- Steel product fabrication
- Sub base or crushed stone
- Surveying
- Traffic control (e.g. during bridge construction)
CREATE Bid Advertisements/RFPs

- Sign-up at createprogram.org/business.htm
Other Future Opportunities

- Columbus Avenue Grade Separation (GS11)
- Active CREATE Projects
  - Pullman Junction (EW3) in Phase II
  - Dolton Interlocking (WA11) in Phase II
- 52nd Annual Chicago Business Opportunity Fair - April 17-18
- IDOT DBE Events and Workshops
  - Today’s Challenge, Tomorrow’s Reward Conference (TCTR)
  - Visit table for information.
Timeline

We Are Here | Ongoing Public Involvement
---|---
2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024


Local Mobility/Viaduct Improvements

Legend:
- B9 - Argo Connection (Chicago/Bedford Park/Bridgeview/Summit) (non-75th St. CIP project, INFRA grant funded)
- P3 - Freight Rail Flyover (75th Street, Chicago)
- GS19 - Road/Rail Grade Separation (71st Street, Chicago)
- P2 - Freight Rail Flyover (74th Street, Chicago)
- EW2 - Add a Commuter Track & Realign Freight Tracks (80th Street, Chicago)
Pass a note card with your questions to the nearest aisle to be collected and read. Remember to fill out and turn in your event evaluation before leaving Get On Board!

QUESTIONS
Stay in Touch!

E-mail: info@createprogram.org
Website: www.createprogram.org/business.htm

“Like” Us on Facebook at:
Facebook.com/CREATEProgramChicago
Workshop 2: Contracting with the Railroads

Moderator: Bill Thompson, Association of American Railroads

Panelists:
• Andy Manthei, BNSF
• LeighAnn Vernon, BNSF
• Admir Sahbegovic, CSX
• Paul Kisielius, Metra
• Tamika Pierson-Booty, Union Pacific
• Wes Hutcherson, Union Pacific