



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 \$4.6 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?

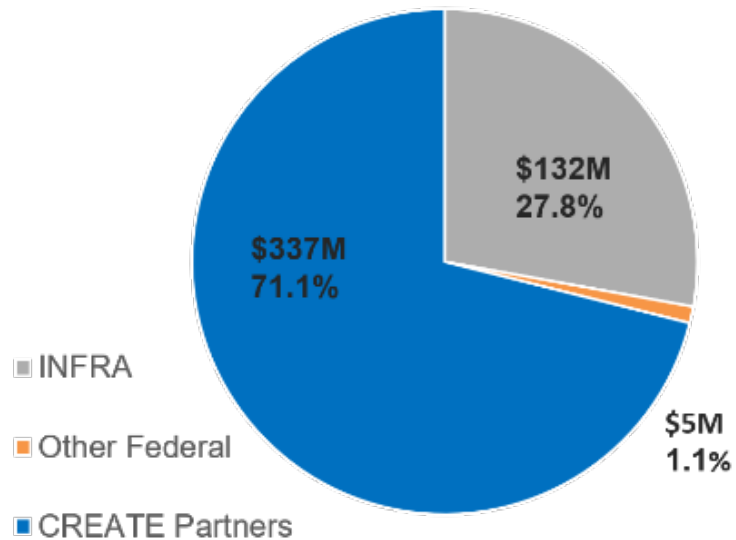
- Freight rail trade (by value) within Chicago will more than double from 2012 to 2045*
- Passenger, freight and motorist delays are experienced daily on the current system
- The region must improve freight movement and mitigate negative impacts
- Freight movements in Chicago are a **NATIONAL and INTERNATIONAL** 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)



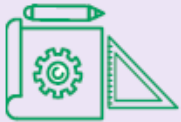
Design & Construct a Road/Rail Grade Separation at 71st Street (GS19)



Design & Construct a Freight Rail/Rail Flyover (P3)



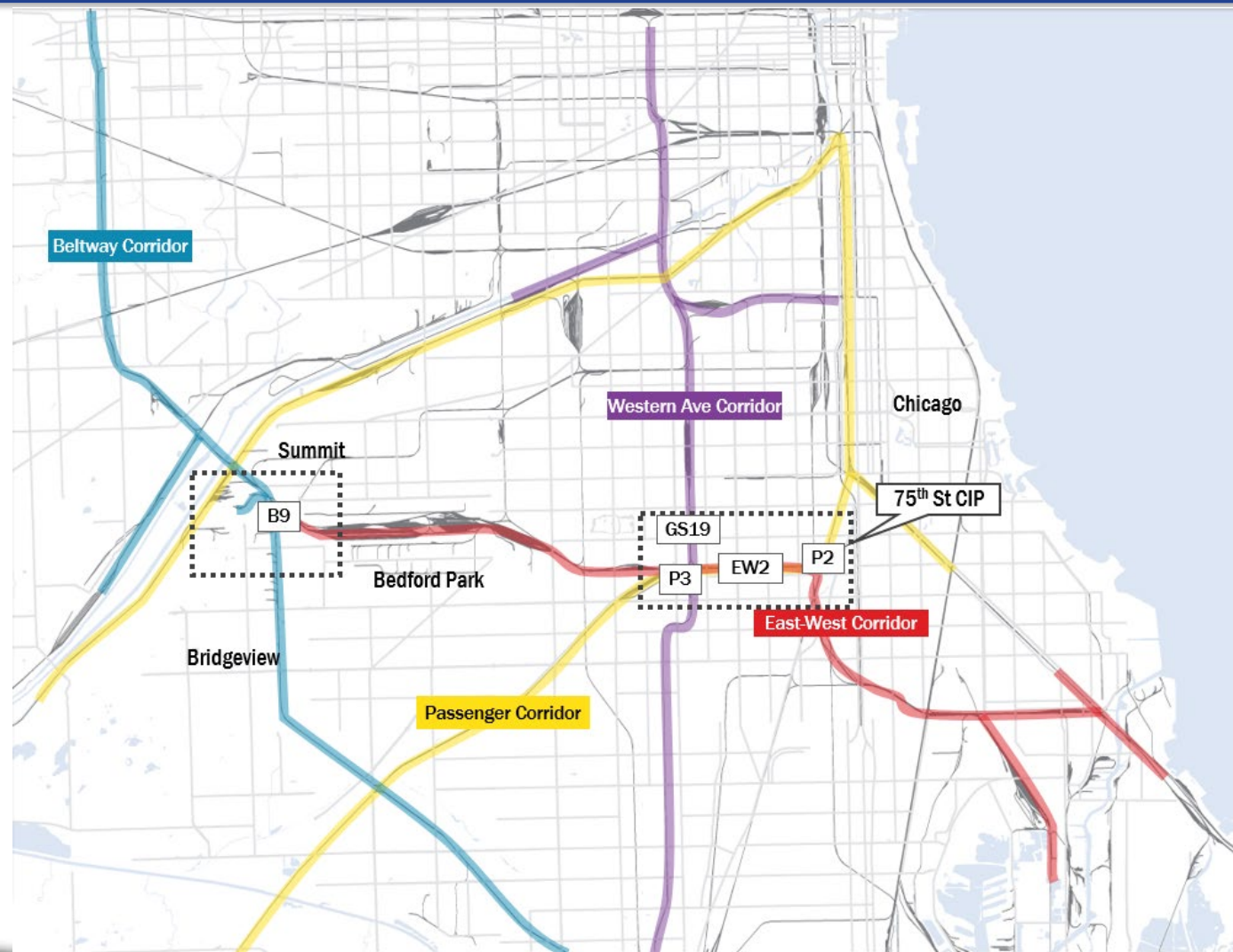
Design a Commuter/Freight Rail Flyover (P2)



Design to realign freight tracks and add a commuter track (EW2)

75th St. CIP and Argo Connections (B9)

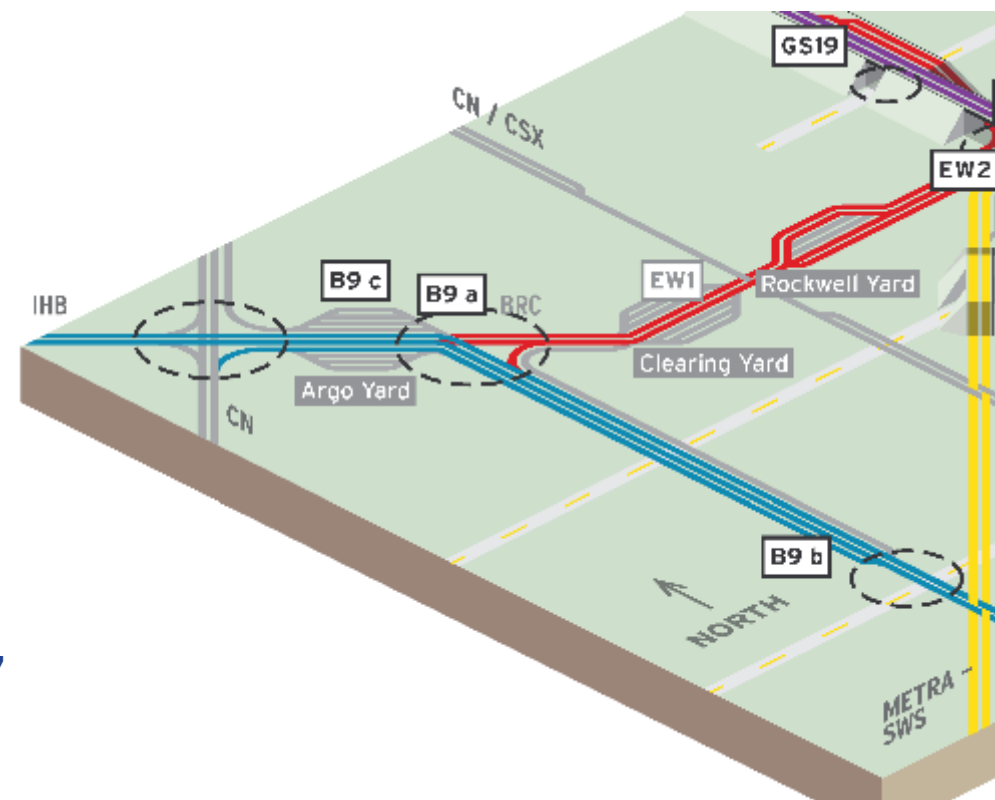
Locations



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



Argo Connections (B9)



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)

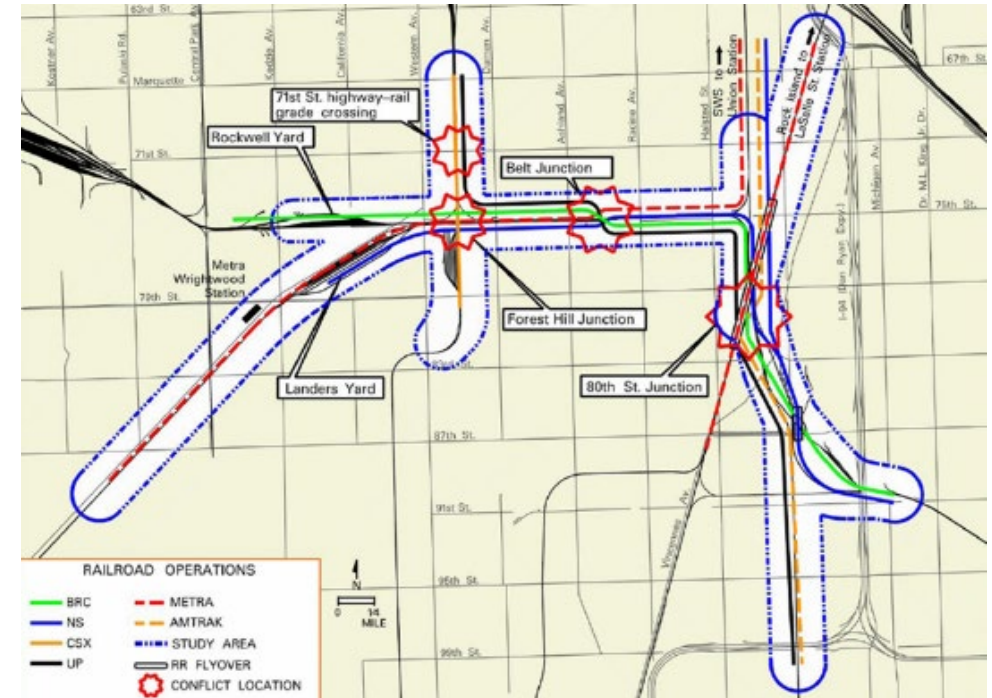
- Construction of a flyover bridge to connect the Metra SouthWest Service Line to the Rock Island District Line

Belt Junction (EW2)

- Five tracks cross paths and converge into two tracks
- Multiple freight & passenger routes cross paths

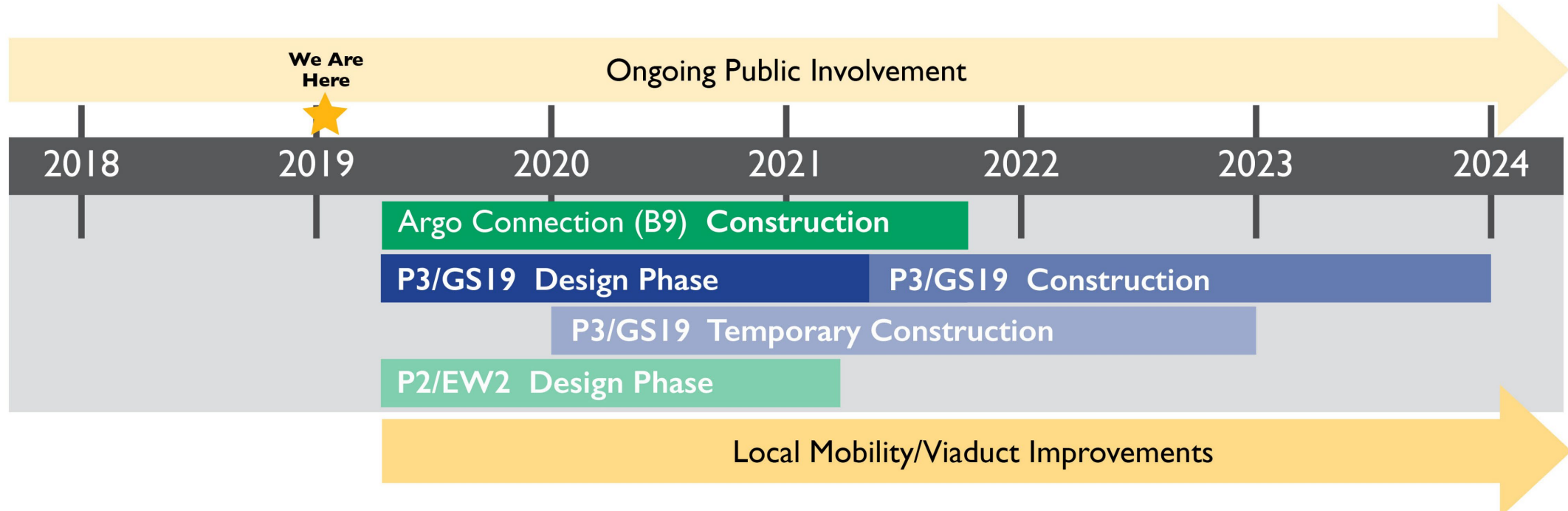
80th Street Junction (EW2)






- Six tracks cross paths and converge into two tracks



Phase I completed in 2014

Timeline



LEGEND		B9 - Argo Connection (Chicago/Bedford Park/Bridgeview/Summit) (non-75th St. CIP project, INFRA grant funded)
		P3 - Freight Rail Flyover (75 th Street, Chicago)
		GS19 - Road/Rail Grade Separation (71 st Street, Chicago)
		
		P2 - Freight Rail Flyover (74 th Street, Chicago) EW2 - Add a Commuter Track & Realign Freight Tracks (80 th Street, Chicago)

75th St. CIP Project Details and Status

Railroad Safety

The Train Accident Rate Decrease Since...

	2000	2008
Train Accidents	40%	23%
...Human Factors-Caused	41%	20%
...Track-Caused	53%	40% (All time low)
...Equipment-Caused	32%	16%
...Derailments	39%	23%

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

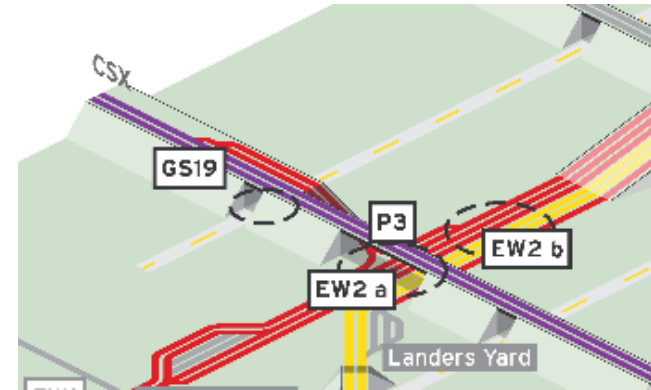
Forest Hill Junction (P3)



Forest Hill Junction (P3) & 71st Street Grade Separation (GS19)

Phase III

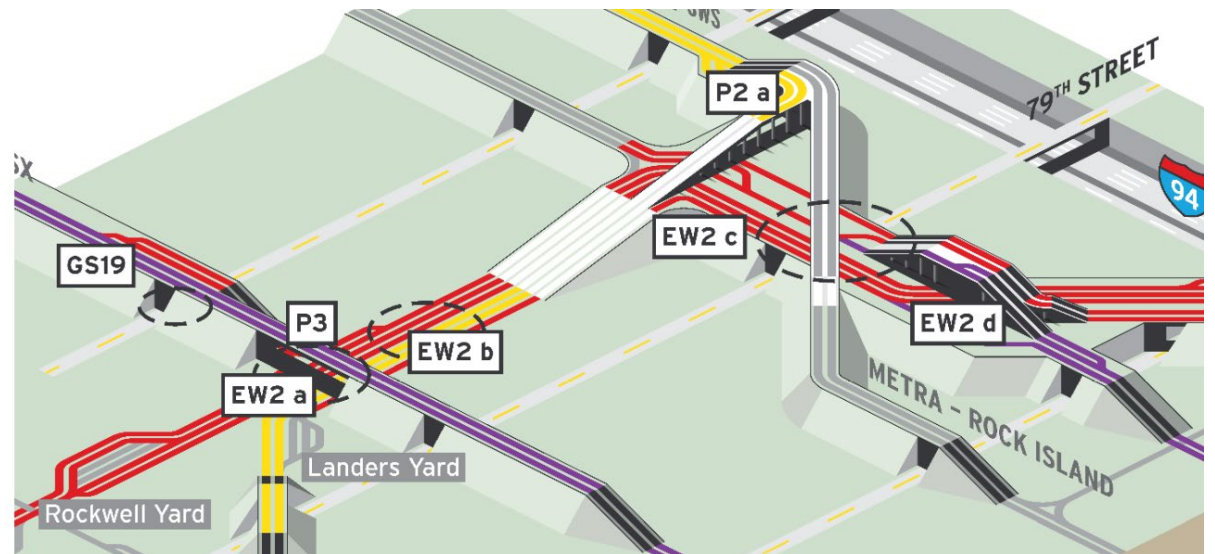
- CSX Responsible Railroad
- DBE % Assigned: TBD
- IDOT Notice to Advertise: Spring 2020
- Solicit Bids: Spring 2020
- Bid and award: Summer 2020
- Construction start: Summer 2020
- Construction completion: Fall 2023
- Construction sequence: Subject to change
 - Temporary civil and track construction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



Rock Island Connection (P2)

Phase II

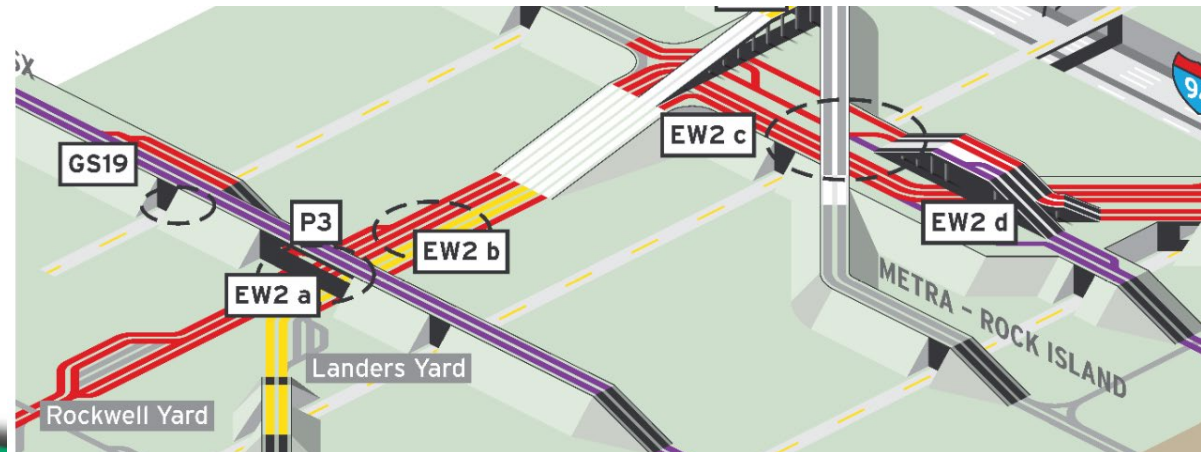
- Metra Responsible Railroad
 - Hire Design consultant: Spring 2019
 - DBE % will be assigned
 - IDOT involved with selection process
- PS&E submittal: Summer 2021
- State Rail Agreements



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?

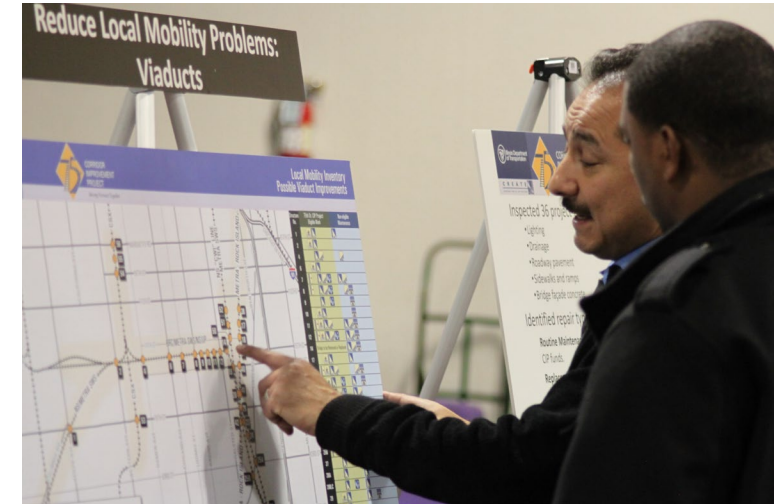
- Right of Way (ROW) consultants
- Design, Survey, Geotech consultants
- Construction Management
 - Material testing subconsultants
 - Survey subconsultants

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)

75th St. CIP Stakeholder Involvement

- 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

Join Our CREATE Contractor/Supplier List

Sign up to receive email notification when a new bid solicitation is placed on the Doing Business with CREATE webpage. Be sure to select the procurement list.

E-mail Signup 

The list of CREATE contractors/suppliers reflects contractors/suppliers who have expressed interest in working on CREATE projects and have input information on their capabilities via this website. They have not been certified through CREATE. [Click here for the list \(updated September 12, 2014\)](#) (Excel)

Please fill out this form below to be listed in CREATE contractor/supplier database.

1. Please fill out this form to be listed in CREATE contractor/supplier database

Company/Organization

Contact Name

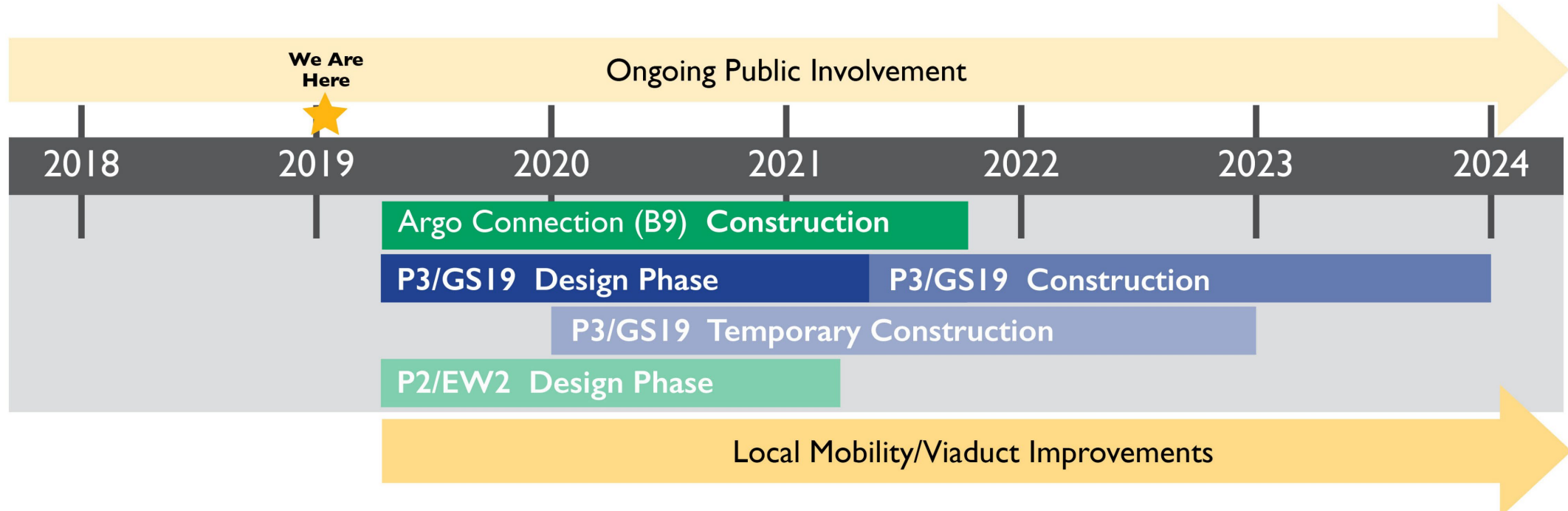
Contact E-mail






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



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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

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[Facebook.com/CREATEProgramChicago](https://www.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**