

Status Update on EOWA (I-390/I-490) & County Contributions

Transportation Committee

May 12, 2021

**CONNECTING
COOK COUNTY**
Beyond Transportation



HONORABLE TONI PRECKWINKLE
PRESIDENT, COOK COUNTY
BOARD OF COMMISSIONERS

JENNIFER "SIS" KILLEN, P.E., PTOE
SUPERINTENDENT
DEPARTMENT OF TRANSPORTATION &
HIGHWAYS

A project delivered by the Cook County Department of
Transportation & Highways

Elgin O'Hare Western Access

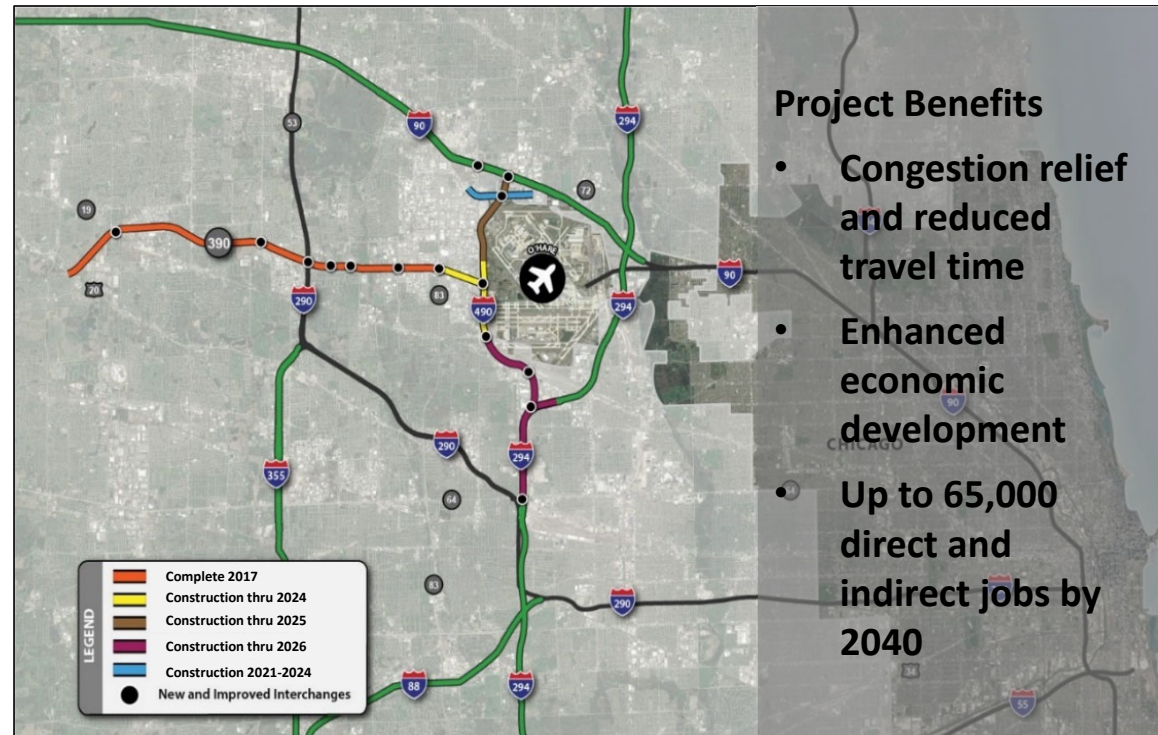
Project of Regional and National Significance

□ Tollway implementation of major infrastructure improvement program

- ✓ Transportation crossroads – O'Hare Airport, freeways/tollways, transit facilities, freight rail
- ✓ Second largest employment base in Chicago metropolitan area
- ✓ 18% of travel in region occurs in study area
- ✓ 86% of arterial roadways are congested

□ Project improvements

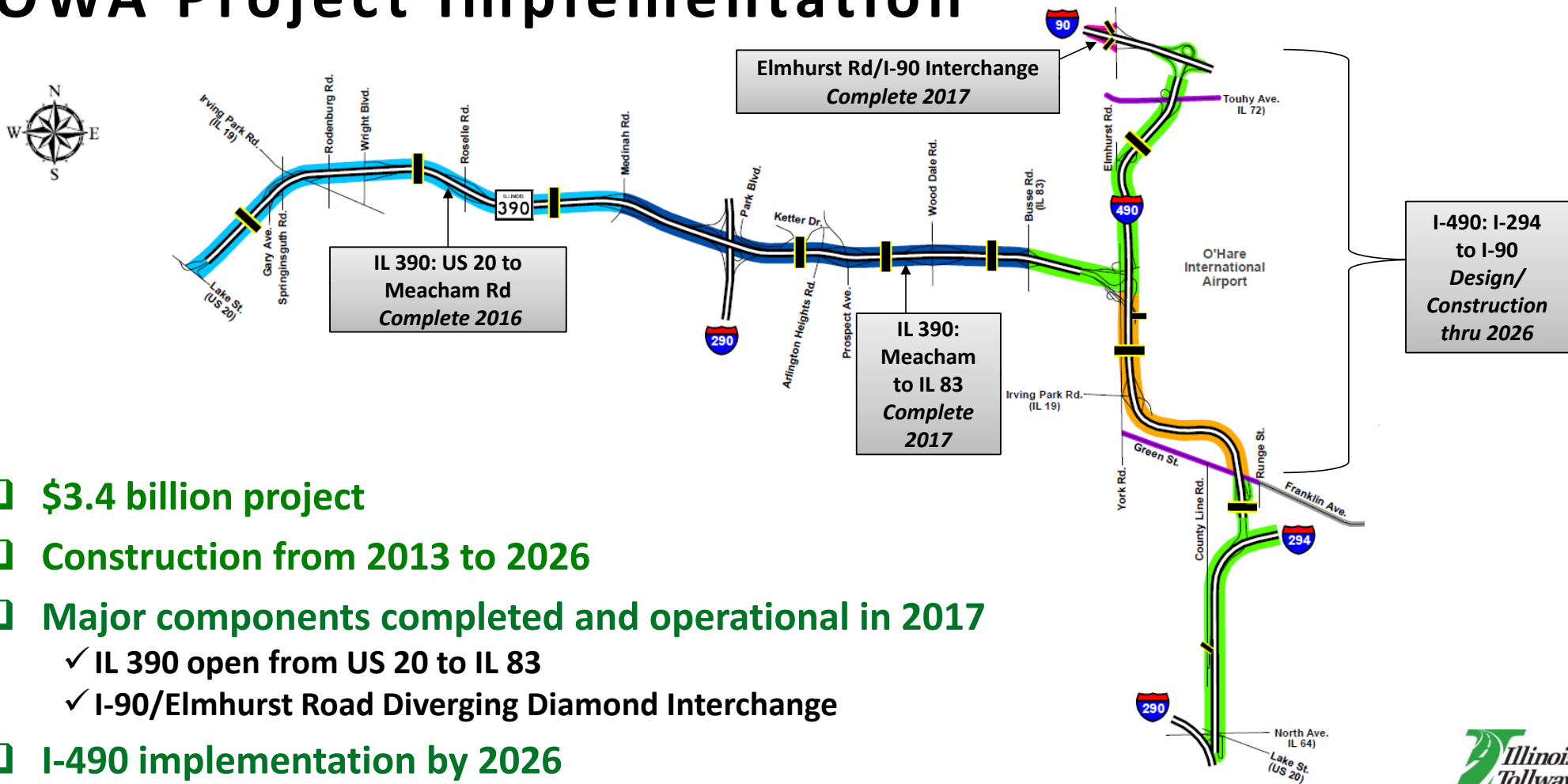
- ✓ 17 new miles of toll roads (IL 390 and I-490)
- ✓ 15 new and improved interchanges
- ✓ 31 miles of associated arterial/local road improvements
- ✓ Access to O'Hare Airport



Project Benefits

- Congestion relief and reduced travel time
- Enhanced economic development
- Up to 65,000 direct and indirect jobs by 2040

EOWA Project Implementation



- \$3.4 billion project
- Construction from 2013 to 2026
- Major components completed and operational in 2017
 - ✓ IL 390 open from US 20 to IL 83
 - ✓ I-90/Elmhurst Road Diverging Diamond Interchange
- I-490 implementation by 2026



Illinois Route 390 Construction to O'Hare

Looking east



Air Traffic Control Tower

Chicago Skyline

Air Traffic Control Tower

The "Fortress"

Maintenance Site 16 Crane

Supreme Dr

North Thorndale Ave

390

I-490 includes 3 Major System Interchanges



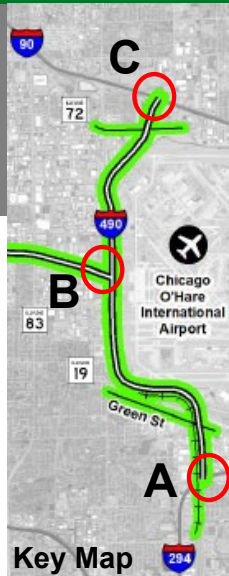
A) I-294 at I-490 – Looking South



B) IL 390 at I-490 – Looking North

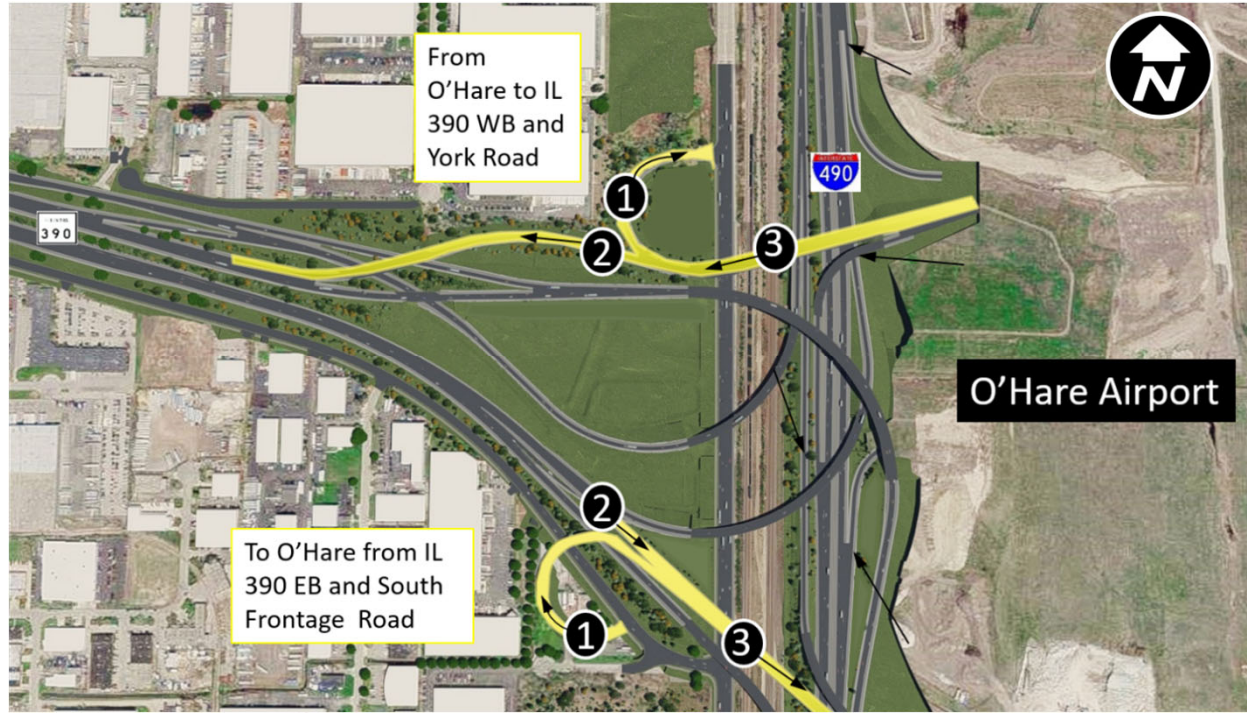


C) I-90 at I-490 – Looking East



Key Map

IL 390/I-490 System Interchange *Enhanced Western Access*



Elgin O'Hare Western Access

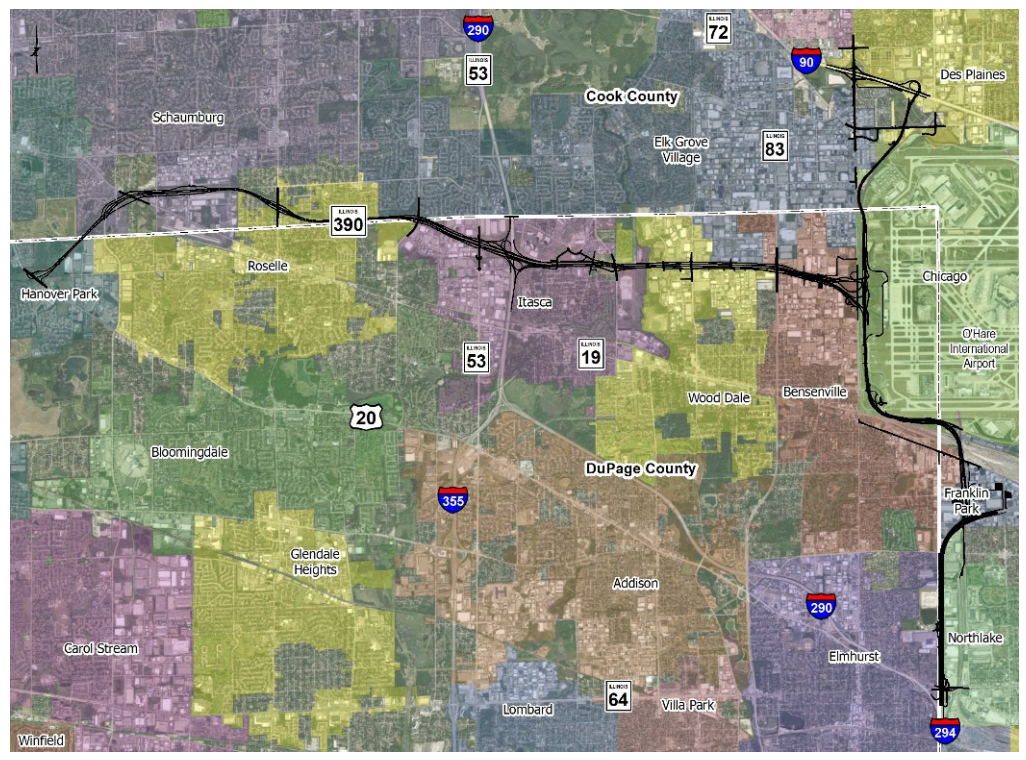
Partnership with Cook County Essential to Success

□ Partnership with Cook County plays key role on EOWA

- ✓ Leadership
- ✓ Implementation
- ✓ Advocacy



Devon Ave at I-290



Elgin O'Hare Western Access

Partnership with Cook County Essential to Success

❑ CCDOTH to implement \$157M of construction and construction engineering services

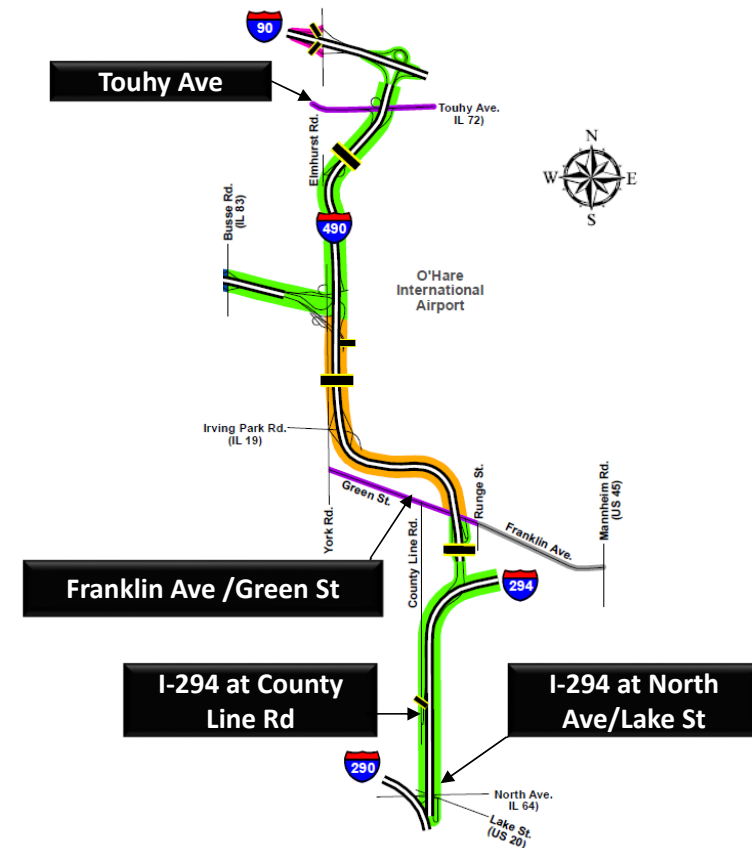
- ✓ I-294 at County Line Road and North Ave
- ✓ County Line Rd: Grand Ave to Lake St
- ✓ Franklin Ave/Green St
- ✓ Touhy Ave

❑ EOWA awarded \$86M in CMAQ grant funding

- ✓ Major improvements providing congestion relief and reduced travel time

❑ Federal funding to CCDOTH through IDOT Bureau of Local Roads

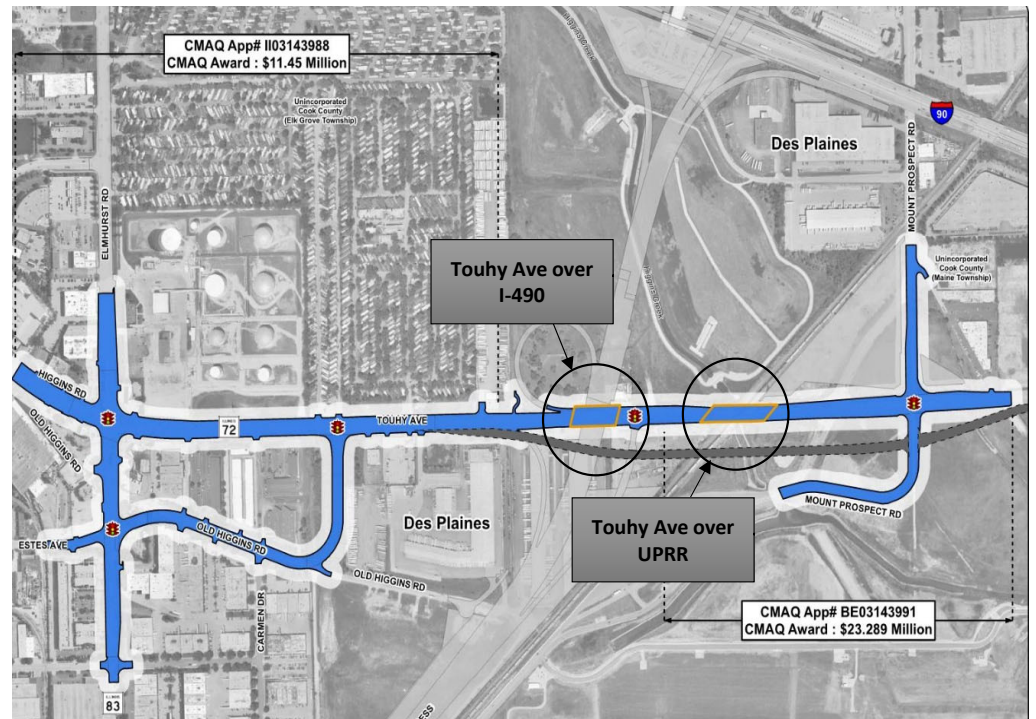
❑ CCDOTH construction 2021 thru 2024



Touhy Ave-Elmhurst Rd to Mt. Prospect Rd

CCDOTH Design, Construction and CE

- Location
- Overview
- Design completed by CCDOTH



Touhy Ave-Elmhurst Rd to Mt. Prospect Rd

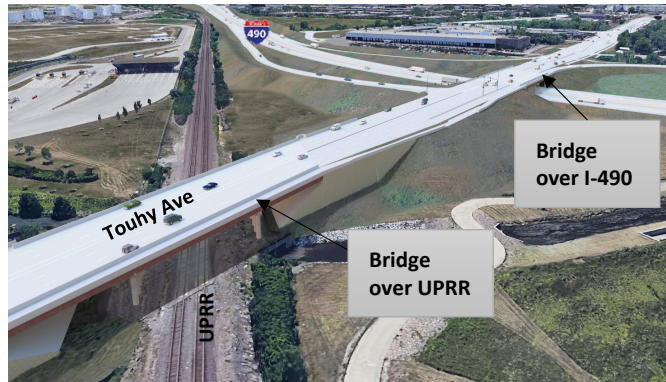
CCDOTH Design, Construction and CE

- **Schedule**

- Contract anticipated award, early 2022
- Construction anticipated from 2022 thru 2024

- **Cost**

- Estimated construction/CE - \$84M
- CMAQ funding - \$34.7M
- CCDOTH investment - \$27.3M
- Remaining reimbursed by Tollway, municipalities and UPRR



Bridges - Looking South



Realignment of Mt Prospect Rd - Looking West



Touhy Avenue and I-490 – Looking Northeast

Touhy Ave-Elmhurst Rd to Mt. Prospect Rd

CCDOTH Design, Construction and CE

Improved operations at the intersection of Touhy Avenue and Elmhurst Road



Improved operations at Touhy Avenue and UP RR crossing



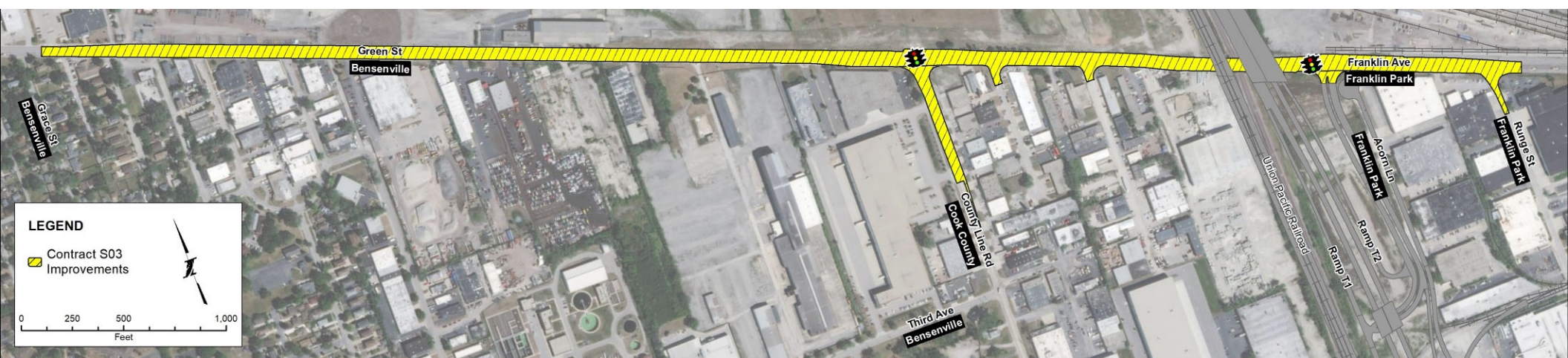
Non-motorized access



Franklin Ave/Green St Improvements

CCDOH Construction & CE – Section 21-FRAGS-00-PV

- Tollway design underway
- Reconstruction of Franklin Ave/Green St from Grace St to Runge St
- Location & Scope



Franklin Ave/Green St Improvements

CCDOTH Construction & CE – Section 21-FRAGS-00-PV

- **Schedule**

- Final design complete Summer 2021
- Anticipated award in 2022
- Construction mid-2022 thru 2024

- **Cost**

- Estimated construction/CE - \$25.7M
- *CMAQ funding - \$19.9M*
- Tollway to reimburse CCDOTH for local match

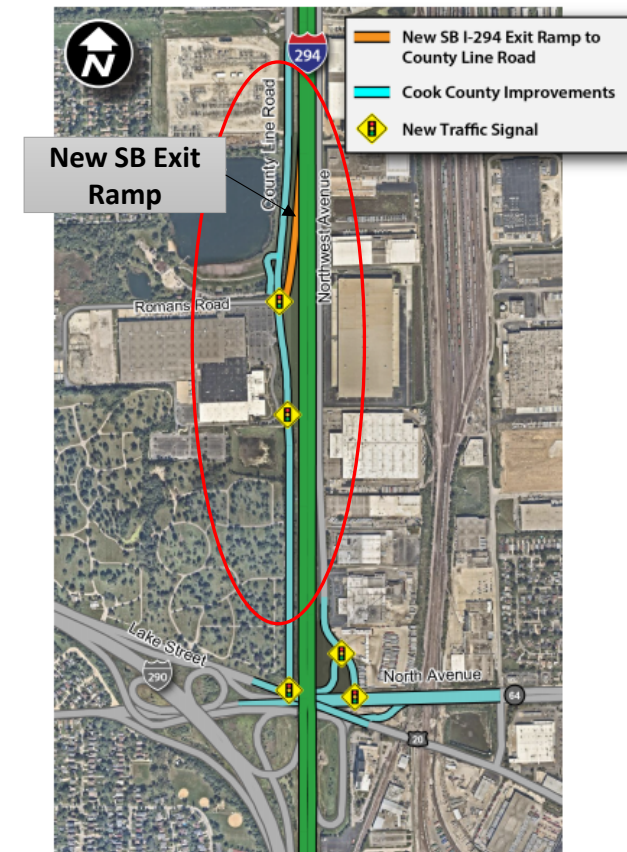


Franklin Avenue – Looking West

County Line Rd: Grand Ave to Lake St

CCDO TH Construction & CE – Section 18-W7331-00-RP

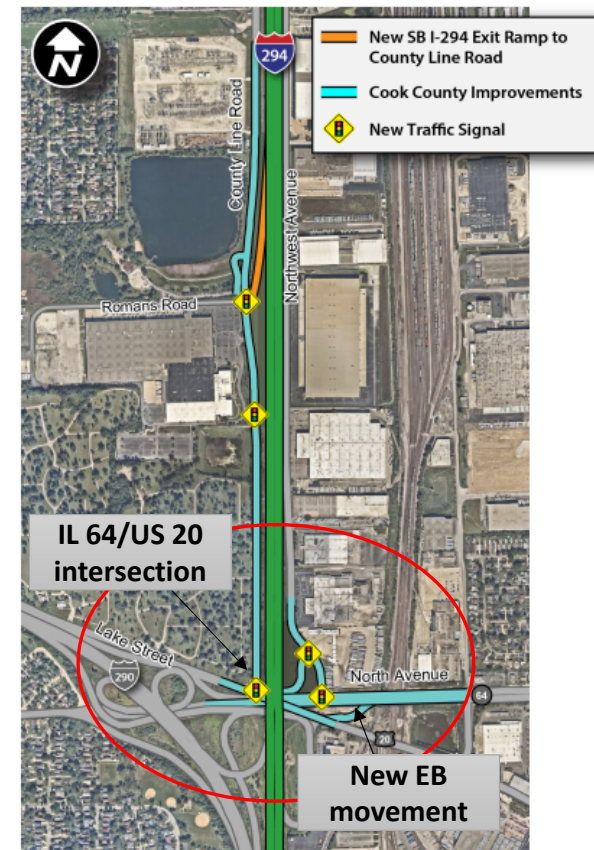
- Design completed by Tollway
- Scope of work
- Schedule
 - Anticipated Award Late 2021
 - Construction late-2021 thru 2023
- Cost
 - Estimated construction/CE - \$16.1M
 - CMAQ funding - \$7.9M
 - Tollway to reimburse CCDO TH for local match
- Tollway to construct new I-294 SB exit ramp to County Line Road – to be open by end of 2023



County Line Road: I-294 Ramp to North Ave

CCDOTH Construction & CE – Section 16-W7331-00-RP

- Tollway completed design effort in partnership with Northlake and Elmhurst
- **Current Status**
- **Schedule**
 - Anticipated Award, June 2021
 - Construction mid-2021 thru 2024
- **Cost**
 - Estimated construction/CE - \$38.3M
 - *CMAQ funding - \$23.8M*
 - Tollway participating in the local match



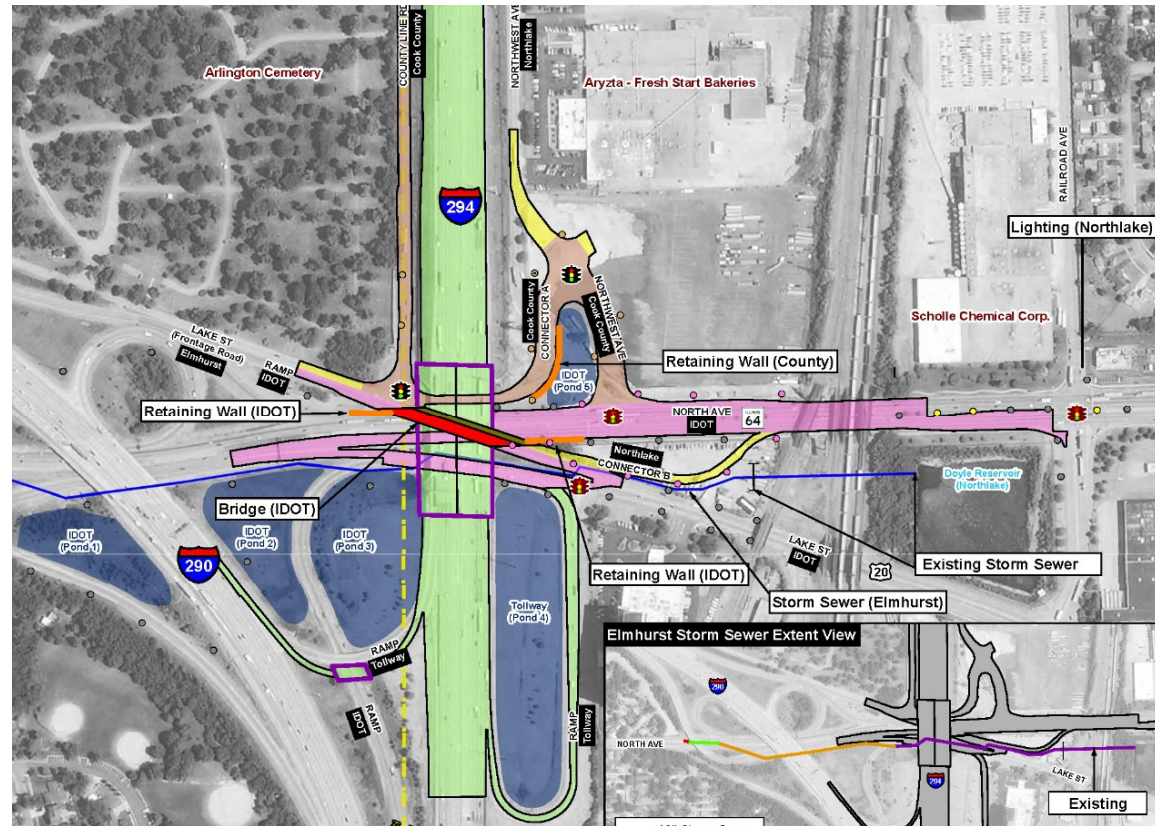
County Line Road: I-294 Ramp to North Ave

CCDOH Construction & CE – Section 16-W7331-00-RP

Scope, jurisdiction and other highlights



Existing I-294 at North Ave



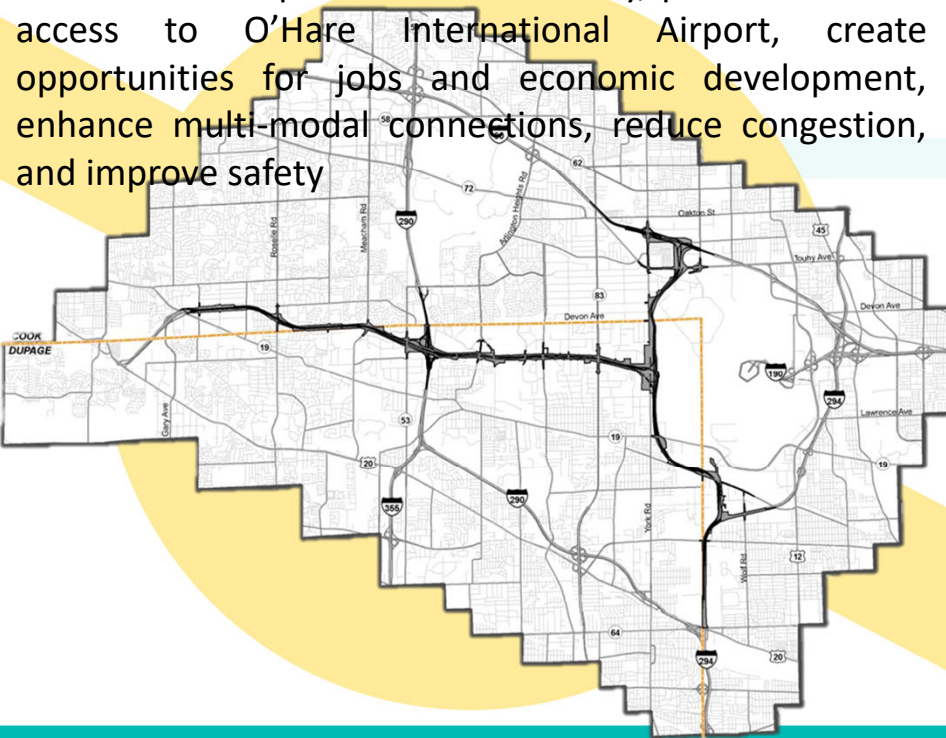
Jurisdiction Map

WHEREAS, designated a "Project of National and Regional Significance" by federal transportation legislation, the multi-billion-dollar Elgin O'Hare Western Access Project (now called Illinois Route 390) was conceived to improve travel efficiency, provide western access to O'Hare International Airport, create opportunities for jobs and economic development, enhance multi-modal connections, reduce congestion, and improve safety

I-390 & I-490, collectively, EOWA

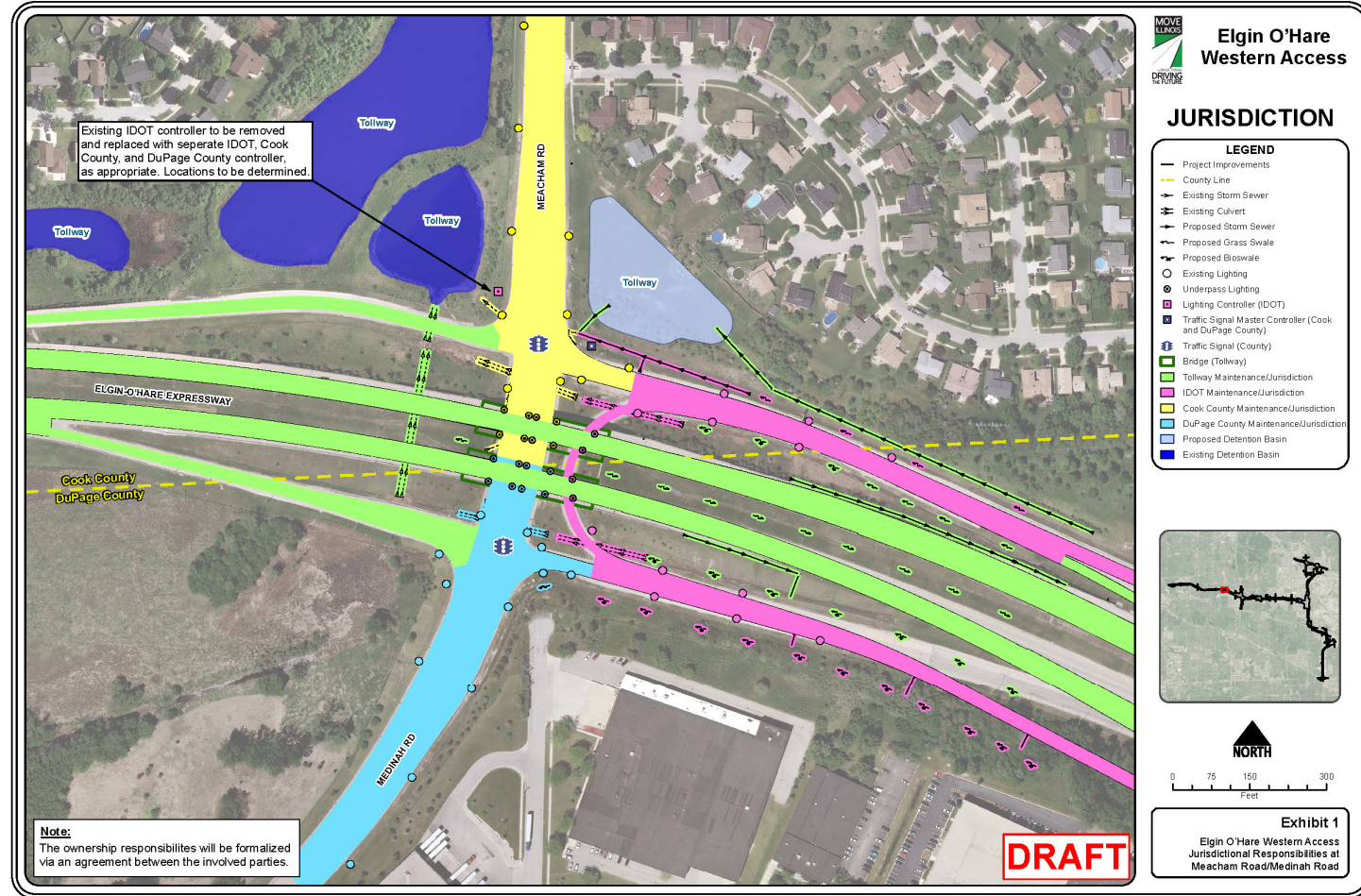
Elgin O'Hare Western Access (EOWA) or
Elgin O'Hare Western Bypass (EOWB)

Early CCDOTH/Tollway collaborations associated with I-390



I-390 Partnerships

- **Meacham/Medinah**
 - Bridge replacement over the County routes
 - Interchange improvement
 - Tollway lead
 - DuPage/Cook/IDOT/Tollway intergovernmental maintenance agreement



I-390 Partnerships

- Devon Avenue Bridge over I-290
- Bridge reconstruction
- Multi-agency partnership
- New shared use access
- Aesthetic elements
- 2014 Construction




I-390 Partnerships

Landscaping and tree replacement along IL 390 installed 2018-19, 2-year establishment period

- Phase I & Phase II collaboration between Du Page and Cook County
- Multi-agency agreement for implantation & maintenance
- Cost
 - ITEP funding - \$550,190
 - Tollway funding - \$109,590
 - DOTH Share
 - Preliminary & Detailed Design - \$139,000
 - Implementation - \$150,000





CONNECTING
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Beyond Transportation

Questions?