

ILLINOIS BITUMINOUS PAVING CONFERENCE

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MOVE ILLINOIS PROGRAM OVERVIEW

Taking care of existing system - \$4 billion

- Repair roads, bridges and interchanges

Illinois Route 390, I-490 Tollway - \$3.4 billion

- Provide access to O'Hare International Airport

Central Tri-State Tollway (I-294) - \$4 billion

- Reconstruct 22 miles at heart of the system

Jane Addams Memorial Tollway (I-90) - \$2.5 billion

- Rebuild and widen 62 miles with transit options

I-294/I-57 Interchange - \$719 million

- Connect two major interstates

CAPITAL PROGRAM GOALS



BUILD A 21ST CENTURY TRANSPORTATION SYSTEM



SAVE DRIVERS TIME AND MONEY



ADDRESS EXISTING SYSTEM NEEDS



DRIVE THE ECONOMIC ENGINE



DELIVER THE CLEANEST AND GREENEST PROGRAM

MOVE ILLINOIS PROGRAM STATUS

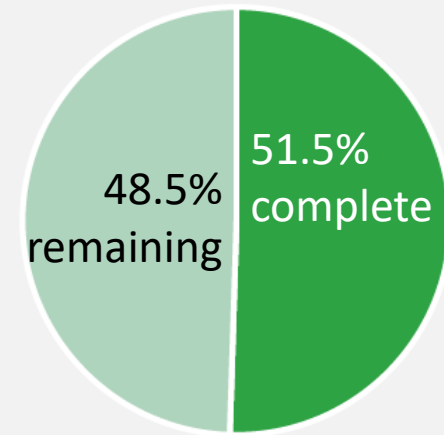
MOVE ILLINOIS PROGRAM BUDGET OVERVIEW

(2012- October 2020)

\$9.5 billion or **67.3 percent** of the program budget committed

- **\$5.3 billion**, or approximately **37.2 percent**, in construction work
- **\$2.6 billion**, or approximately **18.1 percent**, in consultant services
- **\$1.6 billion**, or approximately **11.9 percent**, in other costs (utilities, ROW, misc.)
- **\$180.9 million** in reimbursement agreements has been approved; reducing overall program costs by **1.3 percent**

51.5 percent of the *Move Illinois* Program is complete (work in place)



PROGRAM EXPENDITURES



2012

\$7,319,931,461 spent

2026

WORKING THROUGH COVID-19

Immediately adopted remote work practices amid COVID-19 pandemic

Various electronic processes implemented through e-Builder

- Authorizations to Proceed
- Change Order/Extra Work Orders
- Consultant Reallocations
- Pay Estimates
- Consultant Invoices

Working with industry to continue to make improvements

| Item | Average Processing Time |
|--|-------------------------|
| Notice To Proceed <i>(From award date)</i> | 54 days |
| Change Orders/ Extra Work Orders | 33 days |
| General Contractor Pay Estimates | 16 days |
| Invoices | 44 days |
| Contract Closeouts <i>(Cumulative for 2020)</i> | 54 contracts |



ASPHALT RESEARCH

Flexibility, innovation with materials drive *Move Illinois*

Performance-based mix designs

Research conducted by Tollway to review and finalize specifications

- Goal to provide contractors with mix options while meeting standards

Worked with University of Missouri and Technical Research Panel to establish specification limits

- Prevent cracking and rutting on roadways
- New limits already incorporated into special provisions, new contracts



MIXTURE OPTIONS

Multiple options

- Recycled products – fractionated RAP and recycled asphalt shingles
- Asphalt binders – grades and modifiers

Provides contractor freedom to select materials based on equipment, economics

Benefits mix economics and pavement performance



MIXTURE OPTIONS

Asphalt modification evaluation system

- Used by Tollway for modifier and rejuvenator evaluation
- Gives suppliers options for Tollway approval
- Example: ground tire rubber suppliers

Asphalt rejuvenators

- Produced by chemical companies
 - Modification and softening of mixture
 - Achievement of performance measures
- Tollway conducting trials



LOOKING AHEAD

Central Tri-State Tollway (I-294) work expected from 2021 to 2023

- Mainline work underway
 - Northbound segment from O'Hare Oasis to Wolf Road
 - Southbound construction from St. Charles Road to Roosevelt Road
- Major bridge project milestones

Anticipated warm-mix asphalt usage

- Nearly 200,000 tons in 2021
- Over 400,000 tons from 2022-2023
- Nearly 200,000 tons from 2024-2026





THANK YOU