



Illinois Tollway **DIVERSITY**

Driving Economic Opportunities

BUILDING FOR SUCCESS

Automated Machine Guidance Virtual Training

February 22, 2022



HOUSEKEEPING RULES



Housekeeping Rules



WELCOME & INTRODUCTIONS

Automated Machine Guidance and Upcoming Opportunities for Contractors

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ILLINOIS TOLLWAY

Upcoming workshop: Digital innovation and opportunities for contractors

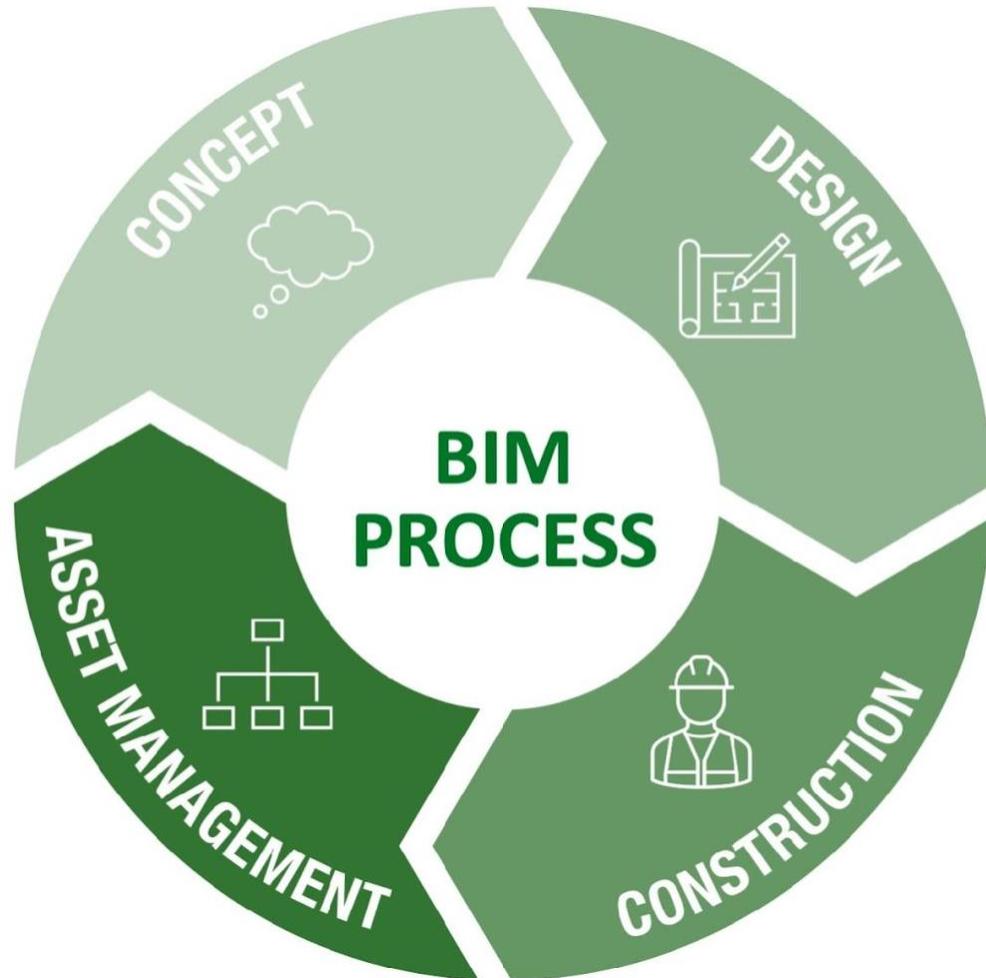
Laura Thompson, Illinois Tollway; Kristen Bennett, Illinois Tollway;
and Nick Laga, Illinois Tollway GEC

Feb. 14, 2022



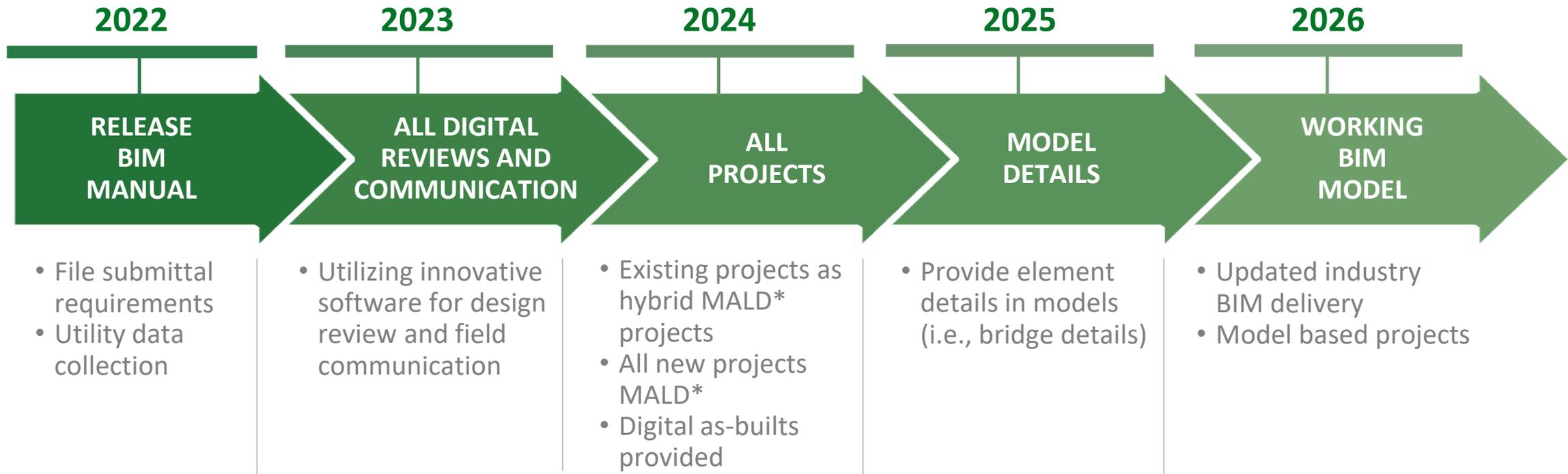
BUILDING INFORMATION MODELING (BIM)

Overview



IMPLEMENTATION STRATEGIES

Goals for the future



* MALD = Model As Legal Document



CONTRACTOR INVOLVEMENT

Automated machine guidance (AMG)

Ultimate vision

- Digital awareness for small and diverse contractors
- Teaching contractors to utilize model-based construction software

Approach options

- Pilot project and mentor protégé program
- Cohort workshop training program



CONTRACTOR INVOLVEMENT

Workshop

Cohort workshop training program

- Two-part workshop
 - Part one (Feb. 22): Virtual workshop (4 hours)
 - Part two (Feb. 24): In-person field application (4 hours and networking)
- Agenda
 - Mentor contractors will educate on digital innovations
 - Software and equipment vendors will showcase their products and establish relationships with attendees



CONTRACTOR INVOLVEMENT

Upcoming opportunities

Illinois Tollway Projects

- Tri-State Tollway (I-294)
- Jane Addams Memorial Tollway (I-90)
- Reagan Memorial Tollway (I-88)
- Veterans Memorial Tollway (I-355)
- Elgin-O'Hare (EO)
- Systemwide (S/W)

Other Agency Major Projects

- IDOT



Located on Illinois Tollway Website under Doing Business www.illinoistollway.com

CONSTRUCTION CONTRACT BID LETTING SCHEDULE (Sorted by Bid-Opening) CHICAGO AREA MAJOR TRANSPORTATION AGENCIES

Cost Magnitude Key:

- A - \$10 - \$25M
- B - \$25 - \$50M
- C - \$50 - \$75M
- D - \$75 - \$100M
- E - > \$100M
- U - \$0 - \$10M Unbundled
- SBI - 1 - < \$1M
- SBI - 2 - \$1 - \$3M
- SBI - 3 - \$3 - \$5M
- SBSP - Small Business Set-Aside
- SBI - Small Business initiative
- ROCIP - Rolling Owner Controlled Insurance Program

Information in this document is subject to change.

ROUTE	TYPE OF WORK	PROJECT DESCRIPTION	PROJECT NUMBER	ADVERTISE DATE	BID OPENING DATE	ESTIMATED BOARD APPROVAL	ESTIMATED NOTICE TO PROCEED	CONTRACT COMPLETION DATE	COST MAGNITUDE (See key)
294	Miscellaneous	Grading and Drainage Improvements, I-294 at the Elmhurst Quarry	TBD(4526-6)	25-May-22	30-Jun-22	18-Aug-22	19-Oct-22	8-Nov-23	SBI-2 ROCIP
EO	Earthwork	I-490 Advance Earthwork and Drainage, MP 1.0 (Taft Avenue)	4729	21-Jul-22	1-Sep-22	20-Oct-22	19-Dec-22	2-Oct-23	SBI-3 ROCIP

Note - A after the above dates notes the ACTUAL DATE of the event.

Note - RED - Changes from previous issuance.

CONTRACTOR INVOLVEMENT

Special provisions

Contract requirements and allowance

- Contract requirements for monthly digital surface reports
- This allowance covers equipment needed to meet the contract requirements

Pay item number	Designation	Method of measure
JTXXXXXX	Contractor 3D grading report	Lump sum
JTXXXXXX	Contractor final grading report	Lump sum

Pay item number	Designation	Method of measure
JTXXXXXX	Contractor allowance for 3D grading equipment	Unit



PARTNERING FOR GROWTH: CONSTRUCTION PROGRAM

Emerging technology agreements

- Encourages experienced firms to provide short-term training opportunities focused on the latest in construction equipment and technology
- Agreements are not tied to a specific Illinois Tollway construction contract or any construction project within the state of Illinois
- Empowers small and diverse firms by providing targeted training needed to compete for prime and subcontracting opportunities



PARTNERING FOR GROWTH

How to participate

Mentor	Protégé
Complete Partnering for Growth enrollment form	Contact an Illinois Tollway Technical Assistance Program provider
Gain access to the pool of qualified firms ready for partnerships	Complete customized business assessment process
Recommend a protégé as a partner	Get entered in to Partnering for Growth relationship candidate pool by Technical Assistance Program provider
Enter Partnering for Growth relationship and begin earning bid credits	Enter Partnering for Growth relationship and begin gaining experience



Chicagoland | Aurora | Rockford | Waukegan



Chicago
Downtown



For more information visit the [P4G webpage](#)



THANK YOU



QUESTIONS AND ANSWERS

DIVERSITY AND STRATEGIC DEVELOPMENT

Programs

- ConstructionWorks
- Diversity Webinar Series
- Earned Credit Program
- Partnering for Growth Program
- ROCIP
- Small Business Initiative
- Technical Assistance Program

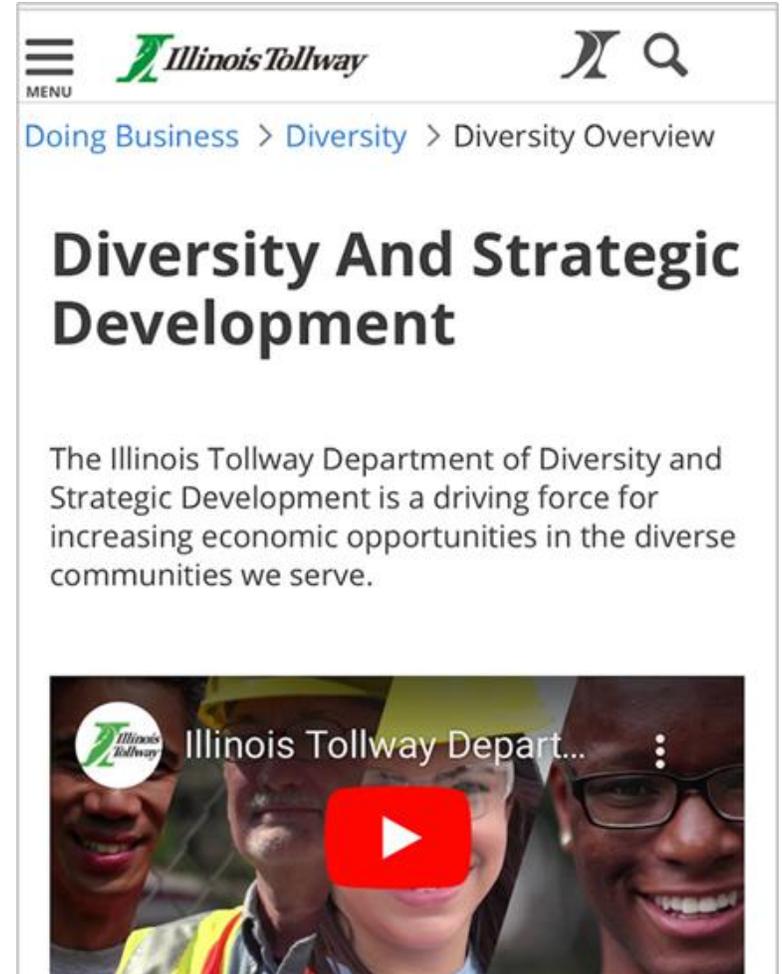
Initiatives

- Virtual outreach sessions
- Training webinars
- Contracting opportunity emails

Register for Tollway Diversity alerts!

- lpnce@getipass.com

Visit illinoistollway.com to get started



The screenshot shows the Illinois Tollway website's Diversity and Strategic Development page. At the top, there is a navigation bar with the Illinois Tollway logo, a search icon, and a menu icon. Below the navigation bar, the breadcrumb trail reads "Doing Business > Diversity > Diversity Overview". The main heading is "Diversity And Strategic Development". Below the heading, there is a paragraph: "The Illinois Tollway Department of Diversity and Strategic Development is a driving force for increasing economic opportunities in the diverse communities we serve." At the bottom of the screenshot, there is a video player with a red play button and a thumbnail image of four diverse people smiling. The video title is "Illinois Tollway Depart..." and the video player includes the Illinois Tollway logo in the top left corner.



THANK YOU