



Record of Meeting | February 26, 2015

The Illinois State Toll Highway Authority (the “Tollway”) Board of Directors met in regular session on Thursday, February 26, 2015, in the Board Room of the Tollway’s Central Administration Building in Downers Grove, Illinois. The Meeting was held pursuant to By-Laws of the Tollway upon call and notice of the Meeting executed by Chair Paula Wolff and posted in accordance with the requirements of the *Illinois Open Meetings Act*. The Meeting was open to the public.

[Bolded entries indicate issues which may require follow-up to present or report to the Board.]

Call to Order / Roll Call

Presiding in the stead of Chair Wolff, who was delayed, Director Jeff Redick called the Meeting to order at approximately 9:14 a.m. and stated that this is the regularly scheduled meeting of the Board of Directors of the Tollway. He then asked the Board Secretary to call the roll. Those Directors present and absent were as follows:

Board Members Present:
Chair Paula Wolff <i>(entered at 9:16 a.m.)</i>
Director Jim Banks
Director Terrence D’Arcy
Director Earl Dotson, Jr.
Director David Gonzalez
Director Jeff Redick
Director James Sweeney

Board Members Not Present:
Governor Bruce Rauner <i>[ex officio]</i>
Acting Secretary Randall Blankenhorn <i>[ex officio]</i>
Director Mark Peterson
Director Tom Weisner

The Board Secretary declared a quorum present.

Public Comment

Director Redick opened the floor for public comment. No public comment was offered.

Chair’s Items



Director Redick called for a motion to approve the minutes of both the regular Board of Directors meeting and Executive Session held on January 29, 2015. Director Banks made a motion to approve; seconded by Director Gonzalez. The motion was approved unanimously by those Directors present; Chair Wolff having not yet entered.

Director Redick then called for a motion to approve the minutes of the Executive Session of the regular Board of Directors meeting held December 18, 2014. Director Gonzalez made a motion to approve; seconded by Director Sweeney. The motion was approved unanimously by those Directors present; Chair Wolff having not yet entered.

STANDING COMMITTEE REPORTS

Director Redick asked the Chair of the following standing committee to provide a report on the committee's recent activities:

[Chair Wolff entered at 9:16 a.m.]

Finance, Administration and Operations Committee

In Committee Chair Peterson's absence, Director Gonzalez updated the Board on the Finance, Administration and Operations Committee ("FAO Committee") meeting held Wednesday, February 18, 2015, providing the following highlights:

FINANCE provided a presentation, given by Mike Colsch, Chief of Finance, updating the Committee on Tollway debt management. Subjects covered by the presentation included the Tollway's outstanding debt, plans for bond issuance in 2015 to finance costs of the *Move Illinois* program, and a potential refunding of Series 2008B Bonds to reduce the Tollway's debt service costs. This potential refunding is dependent upon favorable market conditions. The Committee also discussed the progress made towards the agency's goal of reducing the percentage of variable (synthetic fixed) rate debt to 25% of the debt profile. The Committee approved two related items for placement on the Board consent agenda, including authorization for advance refunding of Series 2008B Bonds, and assignment of underwriting teams for the next new money bond issue and next refunding bond issue.

PROCUREMENT presented four items which were reviewed and approved by the FAO Committee for placement on the consent agenda. The first item presented is to support the Tollway's new back-office system, anticipated to be brought online later in 2015, and is a contract amendment that provides for project management, system architect services and



database development and support. The remaining three items presented are Tollway invitation for bid (“IFB”) awards to purchase various work uniforms, bituminous hot-mix asphalt and Chiller preventive maintenance and repair services. Lastly, one item, deferred at Committee, pertaining to the purchase of bulk electricity for use at Tollway facilities will be presented at the Meeting for full Board consideration and action.

ENGINEERING provided the Committee a presentation, given by Paul Kovacs, Chief Engineer, on connected vehicles and an upcoming federal pilot project opportunity. An additional presentation on these subjects, incorporating follow up information, will be provided at the Meeting for the benefit of the full Board.

Engineering has 25 items on the Board agenda for consideration. Of these, 21 Engineering items were presented to the FAO Committee, reviewed and approved for placement on the consent agenda:

Five of these items presented by Engineering and placed on the consent agenda are construction contract awards:

- Staff has requested that one of these five construction contract awards, Engineering Item 6 on the Board agenda, an award to F.H. Paschen, S.N. Nielsen & Associates, LLC, be deferred for consideration until the March FAO Committee meeting.

The four remaining constructions contract awards approved by the Committee for placement on the consent agenda include:

- One award to Lorig Construction Company for roadway and bridge repairs at eight locations on the Tri-State Tollway between Interstate 55 (I-55) and Lake Cook Road.
- One award to Plote Construction, Inc., for interchange improvements at Barrington Road on the Jane Addams Memorial Tollway (I-90).
- One award to Benchmark Construction Co., Inc., for the relocation of the Northwest Suburban Municipal Joint Action Water Agency water main from Elmhurst Road to Higgins Creek on the Jane Addams Memorial Tollway (I-90). The Tollway is to be fully reimbursed for the costs associated with this work.
- One award to Lorig Construction Company for the emergency bridge repairs on the Tri-State Tollway (I-294) structure over the Reagan Memorial Tollway (I-88). The repair work was required as the result of a truck hitting the structure and the Tollway is to be reimbursed by the trucking firm's insurance carrier.



Three of these Engineering items presented are professional services contracts:

- One acceptance of proposal from Tecma Associates, Inc., for construction management services associated with the Jane Addams Memorial Tollway (I-90) at the Barrington Road interchange. The selected consultant is a certified disadvantaged or minority-owned business enterprise (“D/MBE”) and would serve for the first time as prime consultant on a Tollway contract.
- One acceptance of proposal from B.L.A., dba Bollinger, Lach & Associates, for construction management services associated with the extension of Illinois 390 from Park Boulevard to Arlington Heights Road. This work is part of the Elgin O’Hare Western Access (“EOWA”) Project.
- One acceptance of proposal from ESI Consultants, Ltd., for construction management services upon request associated with the rehabilitation of the DeKalb and Dixon maintenance facilities.

Two of these items presented by Engineering and approved for placement on the consent agenda are change orders/extra work orders:

- One extra work order to F.H. Paschen, S.N. Nielsen & Associates, LLC, for additional structural steel bearing modifications required for the westbound Interstate 290 to westbound Illinois Route 390 flyover ramp being constructed as part of the EOWA Project.
- One extra work order Benchmark Construction Co., Inc., for the installation of a temporary bypass to maintain the water supply to storage tanks west of the proposed water main relocation near the I-90 / Barrington Road interchange. The need for this bypass was requested by the Northwest Suburban Joint Action Water Agency (“NSMJAWA”) and, pursuant to agreement, the Tollway is to be fully reimbursed by NSMJAWA.

Seven of these Engineering items presented are partial releases of retainage and four items presented are final releases of retainage for completed contracts. All completed work has been performed in accordance with Tollway contract requirements and has been accepted.

Lastly, the Chief Engineer will be presenting at the Meeting four additional items, deferred at Committee, for full Board for consideration and action.



LEGAL presented eight items to the Committee, including seven Intergovernmental Agreements and a General Utility Agreement, each having been considered and approved for placement on the consent agenda:

- An Intergovernmental Agreement (“IGA”) with the City of Des Plaines and the Des Plaines Park District that provides license for the Tollway to enter the properties of the City and the Park District to install, and then in perpetuity maintain, a drainage pipe along the Jane Addams Memorial Tollway (I-90). There is no associated cost to the Tollway.
- An IGA with the Village of Hoffman Estates that memorializes an agreement, requested by the Village, to increase the size of an I-90 crossroad culvert from 36” to 48”. Constructing the larger culvert will assist the Village with its nearby drainage needs and the Village will reimburse the Tollway for the additional incremental expense, estimated at \$33,037.20.
- An IGA with the Illinois Department of Transportation that outlines the parties’ maintenance and financial responsibilities associated with the new ramp connections that constitute the I-294/I-57 Interchange. There is an agreed map as part of this agreement delineating the maintenance areas for each agency.
- An IGA with Elk Grove Village that sets out the responsibilities the Village is undertaking to construct an enhanced intersection at Thorndale Avenue and Lively Boulevard, as part of other construction work the Village is performing in the area. This work is actually part of the EOWA Project and would otherwise be performed by the Tollway, thus the Tollway will reimburse the Village for associated design and construction costs, estimated at \$136,645.90.
- An IGA with the University of Illinois, in partnership with two other schools, to provide research and establish modern design standards for “continuously reinforced concrete pavement” which Tollway Engineering can then use to determine the product’s suitability in future construction work, particularly in the planned reconstruction of the central Tri-State Tollway (I-294). This is planned to be a two-year study, not to exceed \$750,000.00.
- An IGA with the University of Illinois, and more specifically, the Illinois Natural History Survey which is statutorily established to study state natural resource issues. A current agreement with the University for similar services will end later in 2015. Continued studies will be in support of satisfying Environmental Protection Agency and Army Corps



of Engineering permit requirements for various Tollway work throughout the system. Study will occur of multiple threatened and endangered species, as well important vegetation issues. Testing will also occur in the Illinois Route 53/120 corridor to establish baselines for species and habitats present in that area. This will be a five year agreement, with costs not to exceed \$7,979,903.00.

- An IGA with the University of Nebraska to provide for research associated with the safe placement of “break-away light poles” when used in close proximity to highway guardrails. The University houses a transportation safety facility uniquely qualified to conduct this work. This will be a two-year study, with an upper limit of compensation of \$262,603.00.
- A General Utility Agreement with Zayo Group, a communications company that has installed fiber optic and communication cables in the vicinity of Tollway right-of-way which may require relocation. This agreement provides for the Tollway’s standard utility protocols to be followed to identify, design, construct and make payments for the relocation, removal or protection of the communication facilities.

[End of Standing Committee Reports]

Chair Wolff thanked Director Redick for taking the chair in her absence at the start of the meeting and Director Gonzalez and the other members of the FAO Committee for their work. She additionally commented positively on the discussion had at the FAO Committee meeting on connected vehicles and thanked staff for providing an informative presentation and for their contribution to the discussion.

Chair Wolff, noting the significant snowstorm count to-date this winter season, expressed the Board’s appreciation for the extra efforts required of John Benda, General Manager of Maintenance and Traffic, and his team.

Chair Wolff then called on Kristi Lafleur, Executive Director.

Executive Director

Executive Director Lafleur observed that the current public attention on the criminal trial of the truck driver charged in last year’s crash that tragically killed Tollway employee Vincent Petrella and seriously injured State Trooper Douglas Balder presents an opportunity to remind Tollway



customers of their legal obligation when approaching a stopped emergency vehicle. She explained that the “Move Over” Law, formerly called “Scotts Law,” requires a driver to change lanes if it is safe to do so when approaching a stopped emergency vehicle with activated flashing warning lights. She further explained that if drivers can’t change lanes, they are still required to slow down and drive with caution until they are clear of the emergency vehicle. Ms. Lafleur emphasized that these simple actions by drivers can help keep Tollway workers, emergency responders and Illinois State Police District 15 troopers safer as they do their jobs assisting and protecting Tollway customers.

2015 Capital Program: Executive Director Lafleur reminded the Board that 2015 is planned to entail the largest annual capital investment in agency history. Highlighting the vigor with which the year has commenced, she reported that the Tollway will have awarded, pending Board action at the Meeting, more in construction contracts in the first two months of the year than it had in any full year between 2009 and 2012. To convey the magnitude of the planned investment and of the work required of the Tollway in its support, she then introduced Paul Kovacs, Chief Engineer, to give a presentation on the launch of the 2015 Capital Program. [See attached presentation.](#)

During his presentation, Mr. Kovacs thanked the Board for their vision in launching and advancing the *Move Illinois* capital program, asserting that the numerous awards received by *Move Illinois* projects exemplify the appreciation widely shared by the industry, advocacy groups and other stakeholders for the work being delivered by the Tollway.

Director Sweeney inquired whether the resurfacing work planned for the Reagan Memorial Tollway (I-88) is to be awarded as a single project. Mr. Kovacs responded this work is to be divided into three projects, two of which are on the Meeting agenda and will be presented for Board consideration and action.

Chair Wolff asked when the 2015 construction season is anticipated to begin. Mr. Kovacs, first clarifying that some construction work is proceeding currently and has throughout the winter season, responded that the 2015 construction season will commence upon break in the weather, typically occurring in mid-March.

Connected Vehicles: Executive Director Lafleur proposed that the Tollway would benefit by forming a partnership with CDM Smith Federal, serving as the private sector lead, to pursue a federal connected vehicle (“CV”) pilot project opportunity recently announced. She suggested that this federal program could provide an important opportunity, given expectations that CV technologies are to become widespread, to expedite the agency’s active participation in CV



research and in the development of a fully connected intelligent transportation system. As a follow-up to the discussion that occurred at the FAO Committee meeting, she then re-introduced Mr. Kovacs to provide an updated presentation on Connected Vehicles and the Federal Highway Administration's ("FHWA's") CV Pilot Deployment Program. [See attached presentation.](#)

Mr. Kovacs communicated during his presentation that the application submittal deadline for the CV Pilot Deployment Program is March 16, 2015, and that staff is seeking Board consensus in support of including a letter expressing Tollway commitment to the pilot project should the agency's proposal be selected by the FHWA for development. Mr. Kovacs stressed that the letter of commitment would not obligate expenditure of Tollway financial resources and that deployment of any pilot project would include a phased implementation with opportunities for Tollway exit.

Director Redick commented that CV technologies are a natural progression of Tollway customer service work and suggested the agency should have a voice in their development and implementation. He encouraged the Board's support of this initiative.

Chair Wolff requested that material information obtained at various stages of the CV Pilot Deployment Program process be shared with the Customer Service & Planning Committee for review, discussion and recommendation.

The Board expressed consensus in support of including a letter of commitment, as described, in the application submittal for the FHWA's CV Pilot Deployment Program.

Consent Agenda

Chair Wolff reminded the Board and guests that items on the consent agenda were previously reviewed in detail in Committee.

Finance: Chair Wolff then began the consent agenda by calling for a motion to approve the following Finance resolutions:

Item 1: Authorization to issue up to \$375 million of revenue bonds to advance refund the Series 2008B Bonds.

Item 2: Approval of the assignment of financial firms to provide bond underwriting services.



Director Redick made a motion for approval of **Finance Items 1 and 2**; seconded by Director D'Arcy. The motion was approved unanimously.

Procurement: Chair Wolff then called on John Donato, Chief of Procurement, to present for Board consideration the following Procurement item which is not on the consent agenda:

Item 1: Award of Contract 15-0025 to Integrys Energy Services, Inc. for the purchase of Bulk Electricity, Systemwide, in an amount not to exceed \$10,500,000.00 (Order Against CMS Master Contract). [Recusal: Director Sweeney]

Chair Wolff recognized the additional background work required to bring this item together for Board consideration and thanked staff for their efforts.

Chair Wolff called for a motion to approve the respective Procurement resolution presented.

Director Banks made such a motion for approval of **Procurement Item 1**; seconded by Director Redick. The motion was approved by all voting Directors with Director Sweeney recusing himself.

Chair Wolff then called for a motion to approve the following Procurement resolutions included on the consent agenda:

Item 2: Amendment to Contract 11-0114 to System Development Integration, LLC for the purchase of Project Management and Technology Planning Services in an amount not to exceed \$1,993,000.00 (Tollway Request for Proposals).

Item 3: Award of Contract 13-0168 to DVL Enterprises, Inc. (d.b.a. MPGTandem) and Silk Screen Express, Inc. for the purchase of Various Work Uniforms in an aggregate amount not to exceed \$800,192.00 (Tollway Invitation for Bids).

Mr. Donato informed the Board that the resolution to be voted on has been modified to include an additional "doing business as" (d.b.a.) name of Tandem Promotions, the name under which DVL Enterprises, Inc., conducts business in Illinois.

Item 4: Award of Contract 14-0121 to Arrow Road Construction Company; Peter Baker & Son Co., Inc.; Central Blacktop Co., Inc.; Curran Contracting Company, Inc.; and Gallagher Materials



Corporation for the purchase of Bituminous Hot-Mix Asphalt in an aggregate amount not to exceed \$113,400.00 (Tollway Invitation for Bids).

Item 5: Award of Contract 12-0124R to Johnson Controls, Inc. for the purchase of Chiller Preventive Maintenance and Repair Services in an amount not to exceed \$94,065.00 (Tollway Invitation for Bids).

Director Redick made a motion for approval of **Procurement Items 2 through 5**; seconded by Director D'Arcy. The motion was approved unanimously.

Engineering: Chair Wolff then called on Paul Kovacs, Chief Engineer, to present for Board consideration the following four Engineering items which are not on the consent agenda:

Item 1: Award of Contract RR-14-4213 to Alpine Demolition Services, LLC for Building Demolition and Abatement at Maintenance Facility M-1 (Alsip) on the Tri-State Tollway (I-294) at Milepost 12.0 (Cicero Avenue), in the amount of \$486,000.00.

Item 2: Award of Contract I-14-4641 to TDW Services, Inc. for the Hot Tap of 90" High Pressure Watermain on the Jane Addams Memorial Tollway (I-90) from Milepost 73.5 (Elmhurst Road) to Milepost 74.3 (Higgins Creek), in the amount of \$8,159,000.00. [Recusal: Director D'Arcy]

During presentation of this item, Mr. Kovacs informed the Board that because only one firm was known to perform this specialized hot tap work on a pipe of this size, type and pressure, the Tollway sought approval to use a sole source procurement method for this contract. He further stated that a public sole source hearing was held on July 2, 2014 by the state's Procurement Policy Board that resulted in a positive recommendation to the state's Chief Procurement Officer, who subsequently issued a decision permitting the award. Mr. Kovacs added that value engineering techniques were used to reduce costs and all Tollway costs associated with this work are to be reimbursed by NSMJAWA.

Chair Wolff, recognizing that some negotiation is still ongoing, requested confirmation that the Disadvantaged Business Enterprise commitment for this contract is not expected to reduce from the current 4.69%. Gustavo Giraldo, Chief of Diversity and Strategic Development, confirmed this as the expectation of the Diversity department.

Item 3: Award of Contract RR-13-5661 to Curran Contracting Company for Roadway and Bridge Rehabilitation on the Reagan Memorial Tollway (I-88) from Milepost 55.1 (US Route 52) to Milepost 67.3 (Midway Road), in the amount of \$58,438,916.89.



Item 4: Award of Contract RR-13-5662 to William Charles Construction Company, LLC / Civil Constructors Inc. Of Illinois / Rock Road Companies (Tri-Venture), Loves Park, IL for Roadway and Bridge Rehabilitation on the Reagan Memorial Tollway (I-88) from Milepost 67.3 (Midway Road) to Milepost 76.8 (IL Route 251), in the amount of \$50,444,188.26.

Chair Wolff called for a motion to approve the four preceding Engineering resolutions presented.

Director Sweeney made a motion for approval of **Engineering Item 1**; seconded by Director D'Arcy. The motion was approved unanimously.

Director Dotson made a motion for approval of **Engineering Item 2**; seconded by Director Gonzalez. The motion was approved unanimously by all voting Directors with Director D'Arcy recusing himself.

Director Sweeney made a motion for approval of **Engineering Item 3**; seconded by Director D'Arcy. The motion was approved unanimously.

Director Banks made a motion for approval of **Engineering Item 4**; seconded by Director Redick. The motion was approved unanimously.

Chair Wolff then called for a motion to approve the following Engineering resolutions included on the consent agenda:

Item 5: Award of Contract RR-15-5707 to Lorig Construction Company for Bridge Repairs on the Tri-State Tollway (I-294) from Milepost 23.0 (I-55) to Milepost 52.8 (Lake Cook Road), in the amount of \$8,176,799.75.

Item 6: Award of Contract I-14-5697 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Bridge Widening and Reconstruction on the Jane Addams Memorial Tollway (I-90) at Milepost 30.3 (Garden Prairie Road) and Milepost 33.3 (Anthony Road), in the amount of \$7,793,822.27.

Mr. Kovacs requested this item be pulled from the consent agenda and deferred for consideration until the March FAO Committee meeting.

Item 7: Award of Contract I-14-4220 to Plote Construction, Inc. for Interchange Improvements on the Jane Addams Memorial Tollway (I-90) from Milepost 61.7 to Milepost 62.6 (Barrington Road), in the amount of \$34,374,868.37.



Item 8: Award of Contract I-14-4648 to Benchmark Construction Co., Inc. for NSMJAWA Water Main Relocation on the Jane Addams Memorial Tollway (I-90) from Milepost 73.5 (Elmhurst Road) to Milepost 74.3 (Higgins Road), in the amount of \$18,538,027.70.

Item 9: Award of Contract RR-14-5701 to Lorig Construction Company for Emergency Bridge Repairs on the Tri-State Tollway (I-294) at Milepost 31.0 (I-88), in the amount of \$142,000.00.

Item 10: Acceptance of Proposal from Tecma Associates, Inc., on Contract I-14-4192 for Construction Management Services for Interchange Improvements on the Jane Addams Memorial Tollway (I-90) at Milepost 62.2 (Barrington Road), in an amount not to exceed \$2,997,085.68.

Item 11: Acceptance of Proposal from B.L.A., dba Bollinger, Lach & Associates, on Contract I-14-4636 for Construction Management Services for Roadway Extension on Illinois 390 from Park Boulevard to Arlington Heights Road, in an amount not to exceed \$7,989,646.26.

Item 12: Acceptance of Proposal from ESI Consultants, Ltd., on Contract RR-14-4201 for Maintenance Facilities Construction Management Upon Request Services, Systemwide, in an amount not to exceed \$600,000.00.

Item 13: Extra Work Order on Contract I-13-4606 to F.H. Paschen, S.N. Nielsen & Associates, LLC, for Roadway and Bridge Construction on Elgin O'Hare Expressway at Milepost 12.5 (I-290), in the amount of \$447,833.86. [Recusal: Director D'Arcy]

Item 14: Extra Work Order on Contract I-14-4180 to Benchmark Construction Co., Inc. for Northwest Suburban Municipal Joint Action Water Agency (NSMJAWA) Transmission Line Relocation on the Jane Addams Memorial Tollway (I-90) from Milepost 62.1 (Barrington Road) to Milepost 73.5 (Elmhurst Road), in the amount of \$300,000.00.

Item 15: Partial Release of Retainage on Contract I-12-4066 to Lorig Construction Company for Roadway Widening and Bridge Reconstruction, I-57 Ramp B on the Tri-State Tollway (I-294) at I-57 Interchange, from Milepost 7.5 to Milepost 7.8, by \$1,213,668.77 from \$1,576,124.77 to \$362,456.00.

Item 16: Partial Release of Retainage on Contract I-12-4067 to Lorig Construction Company for Ramp Construction on the Southbound Tri-State Tollway (I-294) at I-294/I-57 Interchange, from



Milepost 7.7 to Milepost 8.8, Ramps X and M, by \$900,513.74 from \$1,238,228.34 to \$337,714.60.

Item 17: Partial Release of Retainage on Contract I-12-4087 to Lorig Construction Company for Ramp Construction on the Northbound Tri-State Tollway (I-294) at I-294/I-57 Interchange, from Milepost 7.7 to Milepost 9.1, Ramps B & N, by \$713,083.48 from \$1,114,143.60 to \$401,060.12. [Recusal: Director Sweeney]

Item 18: Partial Release of Retainage on Contract I-13-4115 to Plote Construction, Inc. for Widening and Reconstruction on the Westbound Jane Addams Memorial Tollway (I-90) from Milepost 49.7 (Union Pacific Railroad) to Milepost 53.6 (West of Elgin Toll Plaza), by \$443,110.01 from \$2,167,493.73 to \$1,724,383.72.

Item 19: Partial Release of Retainage on Contract I-13-4124 to Plote Construction, Inc. for Widening and Reconstruction on the Westbound Jane Addams Memorial Tollway (I-90) from Milepost 45.8 (West of IL Route 47) to Milepost 49.7 (West of the Union Pacific Railroad), by \$395,307.51 from \$1,300,514.12 to \$905,206.61.

Item 20: Partial Release of Retainage on Contract I-13-4136 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Widening and Reconstruction on the Westbound Jane Addams Memorial Tollway (I-90) from Milepost 41.5 (US 20) to Milepost 45.5 (IL 47), by \$351,260.15 from \$1,593,821.75 to \$1,242,561.60.

Item 21: Partial Release of Retainage on Contract I-13-4147 to Divane Brothers Electric Company for Advanced Intelligent Transportation Systems (ITS) Relocation on the Jane Addams Memorial Tollway (I-90) from Milepost 54.2 (Elgin Plaza) to Milepost 79.5 (Kennedy Expressway), by \$82,002.66 from \$122,792.66 to \$40,790.00.

Item 22: Final Release of Retainage on Contract I-13-4128 to Lorig Construction Company for Bridge Widening and Reconstruction on the Jane Addams Memorial Tollway (I-90), at Milepost 25.3 (Genoa Road over I-90) and at Milepost 37.5 (Getty Road over I-90). [Recusal: Director D'Arcy]

Item 23: Final Release of Retainage on Contract RR-13-4142 to William Charles Construction Company, LLC for Bridge and Culvert Repairs on the Reagan Memorial Tollway (I-88) from Milepost 48.9 (Harmon Road) to Milepost 75.0 (West of IL Route 251) and the Jane Addams Memorial Tollway (I-90) from Milepost 3.1 (Rockton Road) to Milepost 10.1 (Rock Cut State Park). [Recusal: Director Sweeney]



Item 24: Final Release of Retainage on Contract I-13-4161 to Lorig Construction Company for Bridge Widening and Reconstruction on the Jane Addams Memorial Tollway (I-90) at Milepost 21.8 (Town Hall Road) and at Milepost 23.8 (Pearl Street). [Recusal: Director Sweeney]

Item 25: Final Release of Retainage on Contract RR-14-8120 to Broadway Electric, Inc. for Data Room Infrastructure Upgrades at the Tollway Central Administration Building.

Director Banks made a motion for approval of **Engineering Item 5**; seconded by Director Redick. The motion was approved unanimously.

Chair Wolff stated that **Engineering Item 6** will be pulled from the consent agenda and deferred until a future meeting.

Director Sweeney made a motion for approval of **Engineering Items 7 through 12**; seconded by Director Gonzalez. The motion was approved unanimously.

Director Gonzalez made a motion for approval of **Engineering Item 13**; seconded by Director Redick. The motion was approved unanimously by all voting Directors with Director D'Arcy recusing himself.

Director Dotson made a motion for approval of **Engineering Items 14 through 16**; seconded by Director D'Arcy. The motion was approved unanimously.

Director Banks made a motion for approval of **Engineering Item 17**; seconded by Director Dotson. The motion was approved unanimously by all voting Directors with Director Sweeney recusing himself.

Director Dotson made a motion for approval of **Engineering Items 18 through 21**; seconded by Director Redick. The motion was approved unanimously.

Director Banks made a motion for approval of **Engineering Item 22**; seconded by Director Dotson. The motion was approved unanimously by all voting Directors with Director D'Arcy recusing himself.

Director Banks made a motion for approval of **Engineering Item 23**; seconded by Director D'Arcy. The motion was approved unanimously by all voting Directors with Director Sweeney recusing himself.



Director Gonzalez made a motion for approval of **Engineering Item 24**; seconded by Director Dotson. The motion was approved unanimously by all voting Directors with Director Sweeney recusing himself.

Director Banks made a motion for approval of **Engineering Item 25**; seconded by Director Redick. The motion was approved unanimously.

Legal: Chair Wolff then called for a motion to approve the following Legal resolutions:

Item 1: An Intergovernmental Agreement with the City of Des Plaines and the Des Plaines Park District. Cost to the Tollway: \$ 0.

Item 2: An Intergovernmental Agreement with the Village of Hoffman Estates. Cost to the Tollway: \$0.

Item 3: An Intergovernmental Maintenance Agreement with the Illinois Department of Transportation. Cost to the Tollway: \$0.

Item 4: An Intergovernmental Agreement with Elk Grove Village. Cost to the Tollway: Estimated at \$136,645.90.

Item 5: An Intergovernmental Agreement with the University of Illinois (Concrete). Cost to the Tollway: Not to exceed \$750,000.00. [Recusal: Director Redick]

Item 6: An Intergovernmental Agreement with the University of Illinois (Illinois Natural History Survey). Cost to the Tollway: Not to exceed \$7,979,903.00. [Recusal: Director Redick]

Item 7: An Intergovernmental Agreement with the University of Nebraska. Cost to the Tollway: Not to exceed \$262,603.00.

Item 8: A General Utility Agreement – Zayo Group. Cost to the Tollway: \$ 0.

Director D'Arcy made a motion for approval of **Legal Items 1 through 4**; seconded by Director Sweeney. The motion was approved unanimously.

Director Banks made a motion for approval of **Legal Item 5**; seconded by Director Dotson. The motion was approved unanimously by all voting Directors with Director Redick recusing himself.



Director Banks made a motion for approval of **Legal Item 6**; seconded by Director Sweeney. The motion was approved unanimously by all voting Directors with Director Redick recusing himself.

Director Banks made a motion for approval of **Legal Items 7 and 8**; seconded by Director Dotson. The motion was approved unanimously.

Executive Session

At approximately 10:27 a.m., David Goldberg, General Counsel, indicated the need to discuss Tollway matters related to performance of specific employees, collective bargaining negotiations and security procedures for the safety of employees and public property, pursuant to Sections 2(c)(1), 2(c)(2) and 2(c)(8) of the *Illinois Open Meetings Act*. Director Redick made a motion to, pursuant to the sections noted, enter into Executive Session; seconded by Director D'Arcy. The motion was approved unanimously.

Return from Executive Session and Action (if any)

At approximately 11:25 a.m., the Board re-entered the public session of the Meeting.

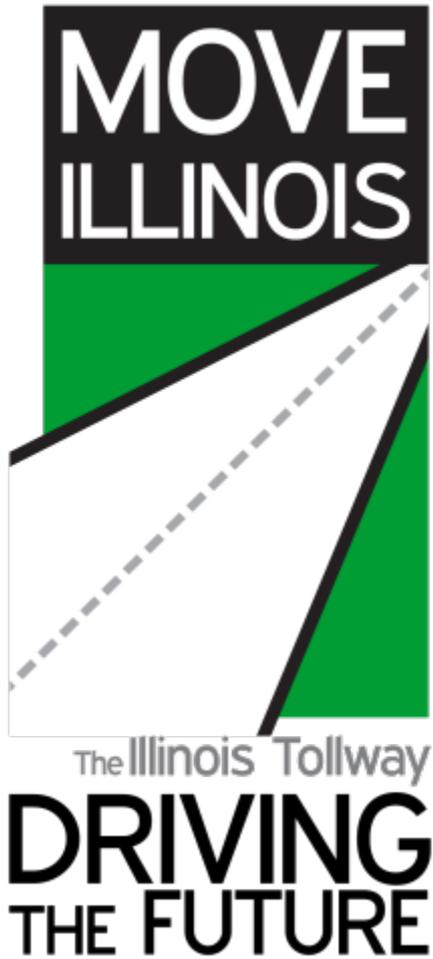
Adjournment

There being no further business, Chair Wolff requested a motion to adjourn. Motion to adjourn was made by Director Banks; seconded by Director Dotson. The motion was approved unanimously.

The Meeting was adjourned at approximately 11:26 a.m.

Minutes taken by: _____

Christi Regnery
Board Secretary
Illinois State Toll Highway Authority



FHWA Connected Vehicles Pilot Program

February 26, 2015

Today's Agenda

- ▶ **Connected vehicles**
- ▶ **Federal pilot project opportunity**
- ▶ **Possible applications**
 - ▶ Improve safety with incident management
 - ▶ Foster interagency coordination
 - ▶ Provide more reliable traveler information
- ▶ **Next Steps**

Introduction Video



Federal Pilot Project Opportunity

Federal Highway Administration issued a Request for Proposals for Connected Vehicle (CV) Pilot Deployment

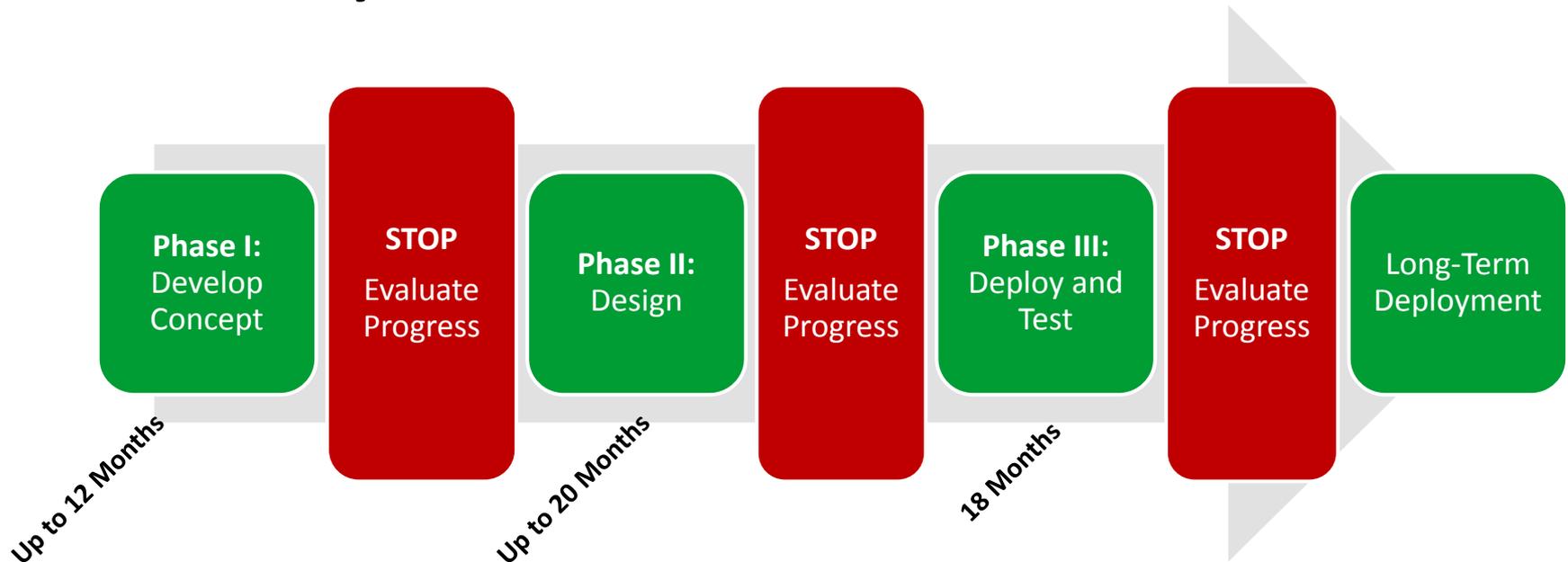
- ▶ Encouraging testing and development of connected vehicle technology
- ▶ Focus is on CV technology that will allow vehicles to collect, distribute and receive information in real time
- ▶ Multiple awards available
- ▶ Between \$2 million and \$20 million
- ▶ Encouraging multiple stakeholder partnerships led by private sector

Connected Vehicles
CV Pilots Deployment Project



Pilot Program Timeline

- ▶ **Connected Vehicle Pilot Program will be conducted in three phases**
- ▶ **At conclusion of each stage, FHWA and public partners will evaluate progress and make decisions to proceed or halt study**



Improve Safety with Incident Management

- ▶ **USDOT estimates that connected vehicle technology can potentially address as much as 81 percent of all crashes**
- ▶ **Connected vehicle sensors can detect when incidents occur and send location and video images to the Tollway**
- ▶ **Every minute a lane is blocked due to an incident results in at least 4 minutes of additional travel delay**
- ▶ **Possible results:**
 - ▶ Faster response time to arrive at the scene
 - ▶ Faster time to clear incidents
 - ▶ More detailed information for first responders
 - ▶ Could reduce the number of incident patrols needed



Improved Interagency Coordination

- ▶ Provides additional automated information to other agencies
- ▶ Improves incident coordination with local emergency responders and improves data sharing
- ▶ Improves transit operations by increasing reliability of service
- ▶ Could provide real-time bus arrival and departure times for customers
- ▶ Would allow the Tollway and Pace to manage bus on shoulder with fewer resources



Provide More Reliable Traveler Information

- ▶ Chicago-area commuters experience the 5th highest congestion costs in the nation at \$1,153 per year
- ▶ Advanced Traveler Information Systems (ATIS) will provide customers with a complete picture of roadway conditions including predictive travel times, rather than the estimated travel times we provide today
- ▶ Real-time information about roadway conditions, travel times and transit schedules can empower travelers to make personalized travel decisions based on “live” data





Tollway Pilot Project Costs and Obligations

▶ **Costs to the Tollway**

- ▶ No costs for proposal development
- ▶ Minimal Tollway staff time to provide guidance and review progress

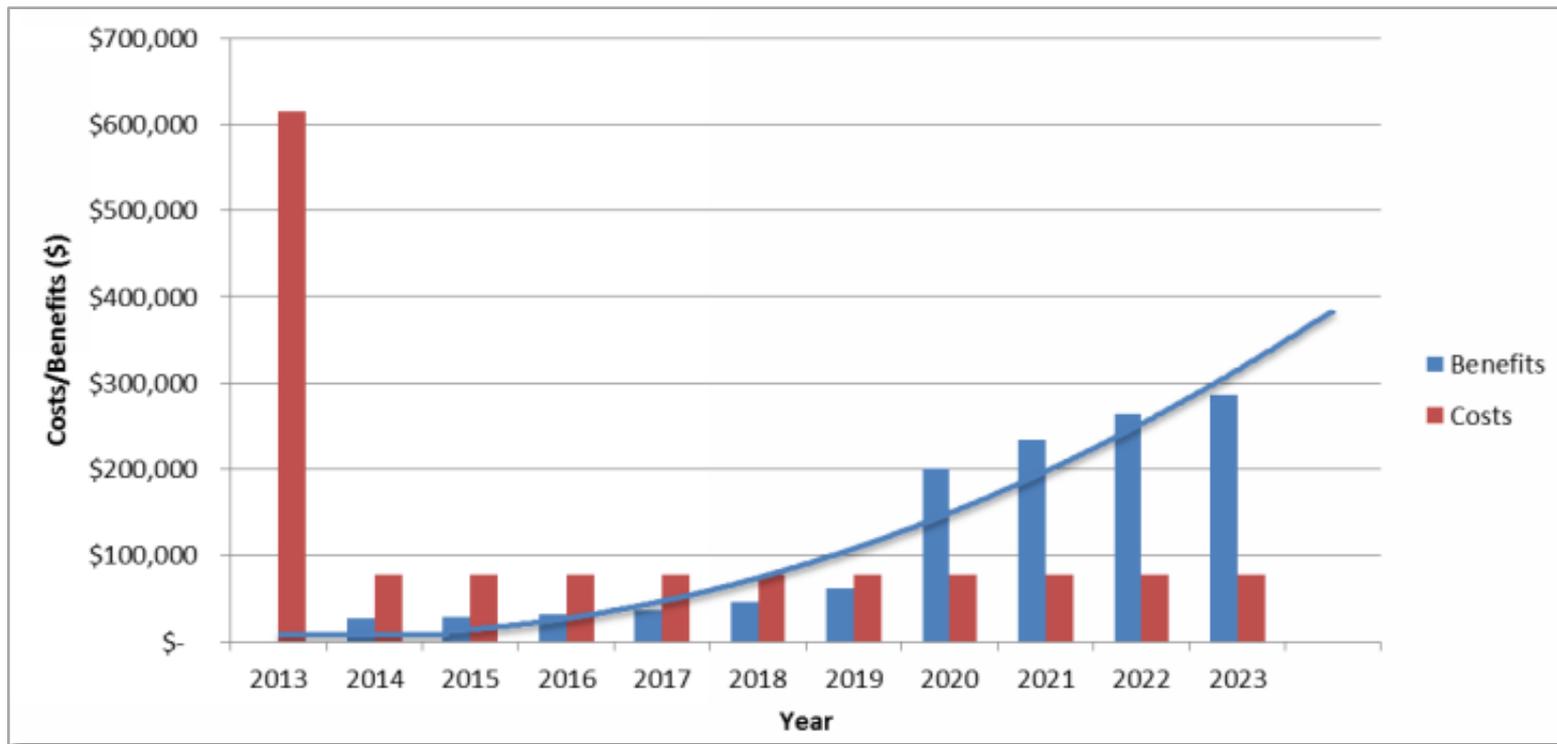
▶ **Obligations of Tollway**

- ▶ Assess progress throughout and at end of each phase
 - ▶ Tollway has ability to opt out of program
- ▶ FHWA anticipates deployment to be operated and maintained by public sector following pilot
 - ▶ Tollway can assess benefits of pilot at conclusion of program
 - ▶ Tollway not obligated to operate or maintain system if it does not make economic sense

Cost/Benefit

“Benefits will gradually offset a significant portion of the annual cost, and over time produce savings that outweigh annual operations and maintenance costs.”

National Cooperative Highway Research Program (NCHRP) 03-101. 2014, Taso Zografos



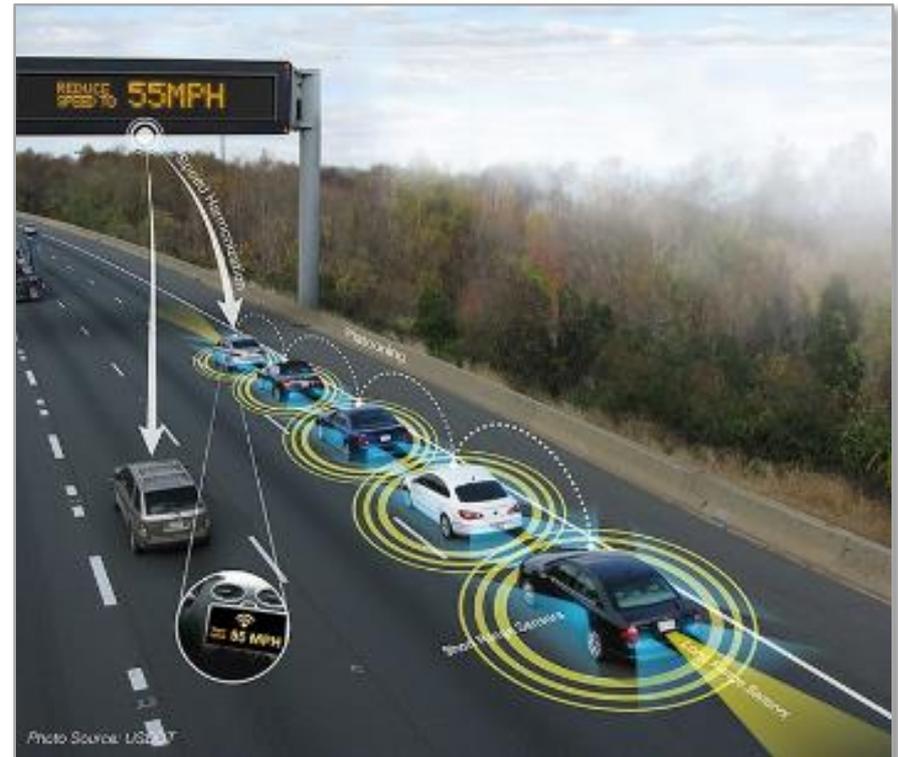
An Opportunity to Shape the Future

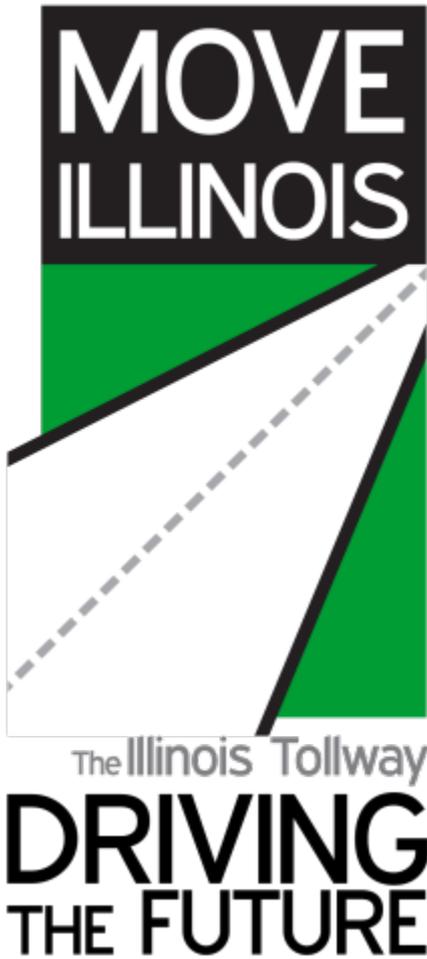
- ▶ **A federally funded study estimates that 90 percent of all vehicles will be “connected” within the next 15 years**
- ▶ **Every major auto manufacturer and tech firms like Google, Apple, Cisco Systems and IBM are heavily invested in CV technology research**
- ▶ **Federal pilot program will help determine how CV technology is deployed in the U.S.**
- ▶ **By participating in the pilot, Tollway can help define how CV technology is implemented**
- ▶ **Since the Tollway is already studying CV technology, participating in pilot would offset anticipated expenditures**

Promise of Connected Vehicle Technology

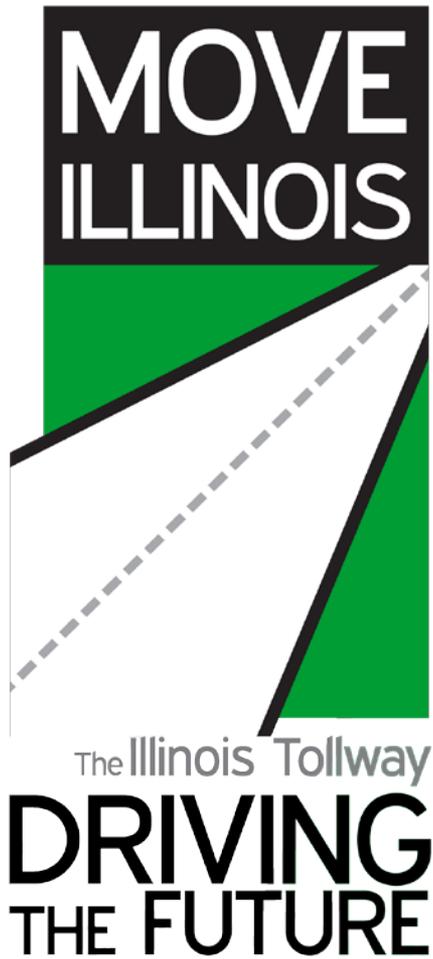
“In the past, the U.S. Department of Transportation (USDOT) has focused on helping people survive crashes. Connected vehicle technology will change that paradigm by giving people the tools to avoid crashes.”

U.S. Department of Transportation





THANK YOU



2015 Capital Program Launch

February 26, 2015

Today's Agenda

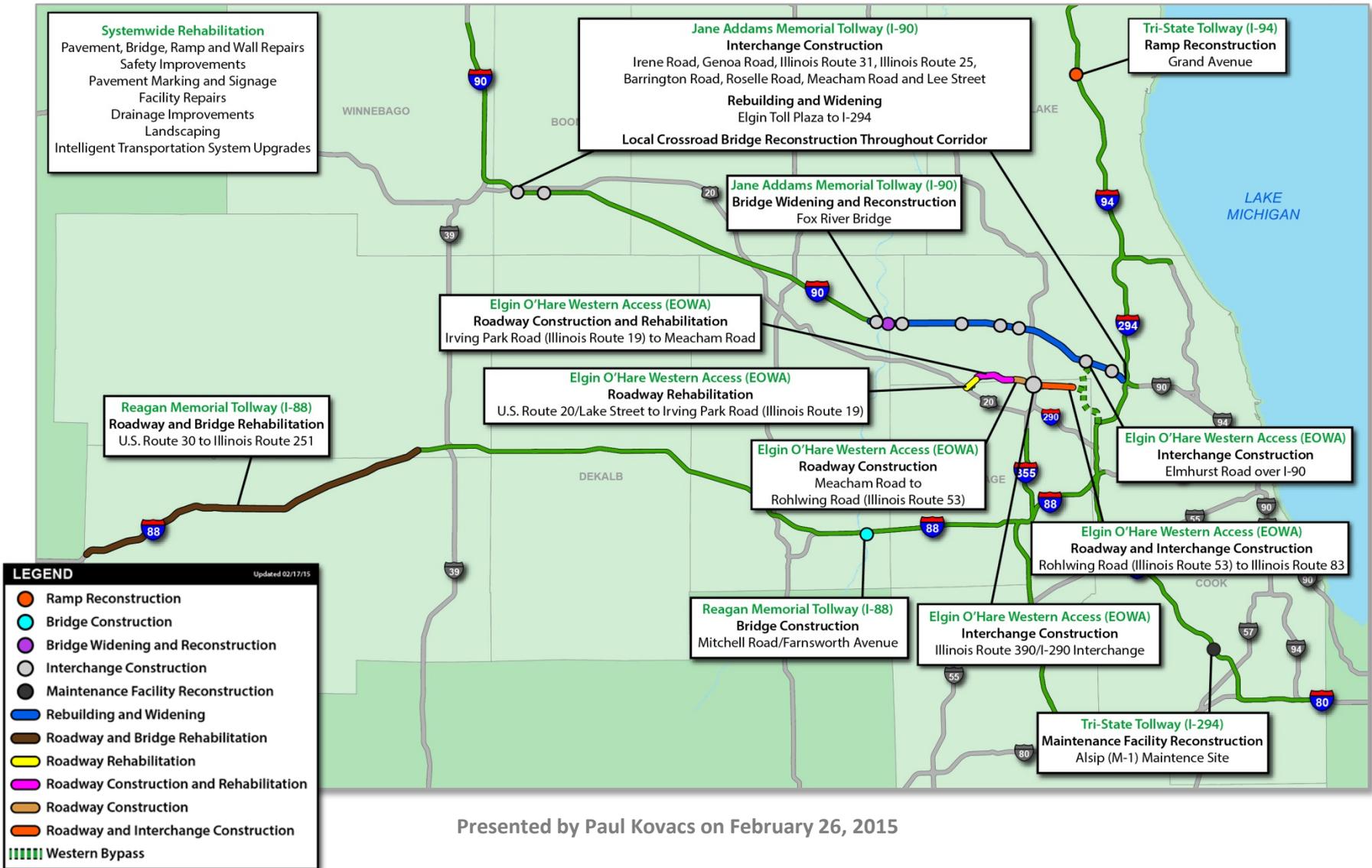
- ▶ **2015 capital program**
- ▶ **Construction overview**
- ▶ **Project highlights**
 - ▶ Jane Addams Memorial Tollway (I-90) Rebuilding and Widening Project
 - ▶ Elgin O'Hare Western Access (EOWA) Project
 - ▶ Reagan Memorial Tollway (I-88)
 - ▶ Systemwide improvements

2015 Capital Program Highlights

Largest year in the Tollway's history

- ▶ **Anticipate \$1.63 billion in spending:**
 - ▶ Rebuild 310 lane miles of roads
 - ▶ Repair 122 bridges
 - ▶ Build or improve 20 interchanges
 - ▶ Create or sustain as many as 17,000 total jobs
- ▶ **Enhance customer service**
- ▶ **Continue to “build green”**

2015 Construction Overview

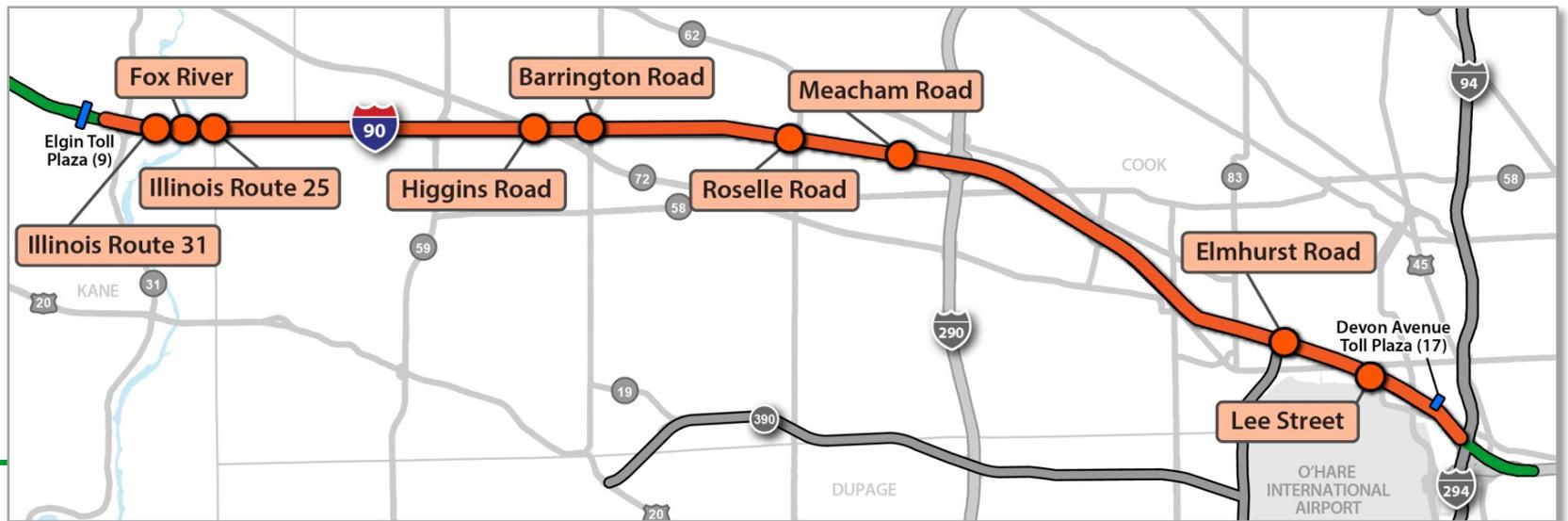


Presented by Paul Kovacs on February 26, 2015

I-90 Rebuilding and Widening

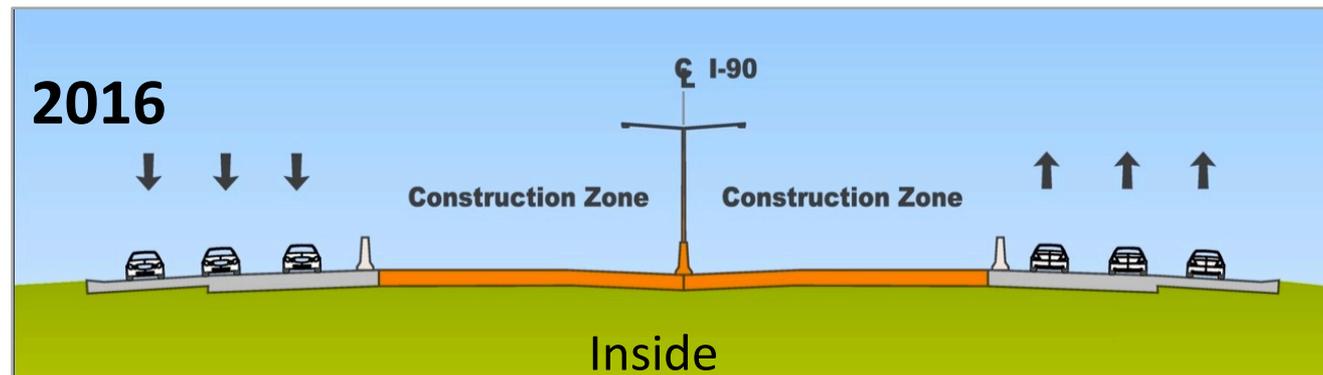
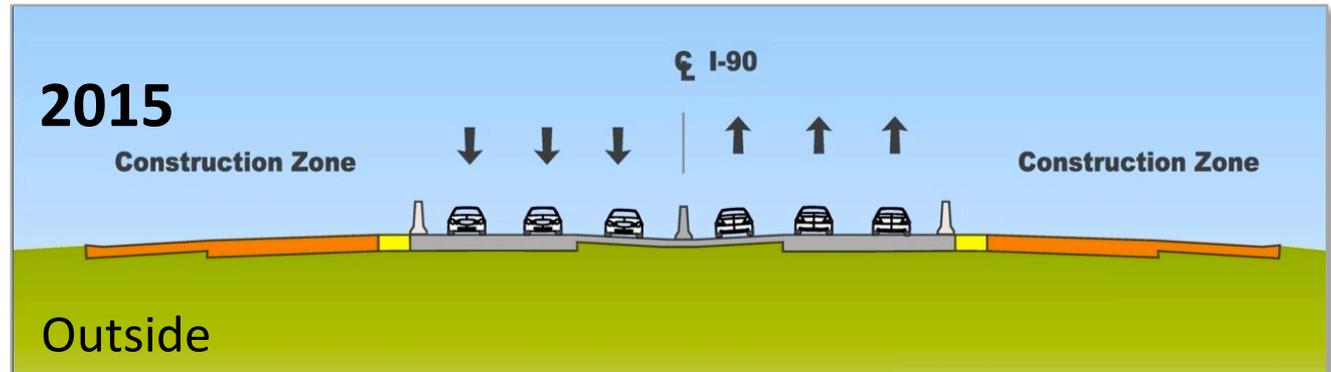
Spending \$840 million on I-90, more than half of the 2015 capital program budget

- ▶ Rebuild and widen 25 miles of outside lanes from Elgin Toll Plaza to I-294
- ▶ Continue work on 10 interchange improvement projects, with plans to open Irene Road, Genoa Road and Lee Street Interchanges by the end of the year
- ▶ Continue work on the Fox River Bridge Project



What Customers Can Expect

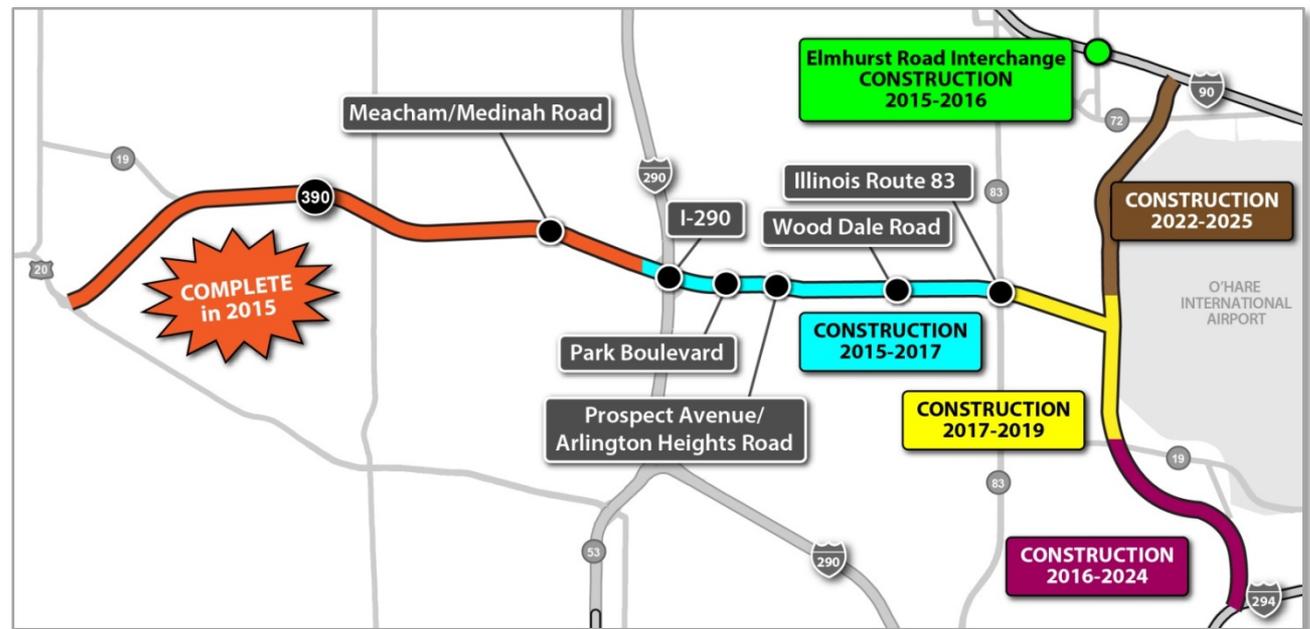
- ▶ Customers will travel on the inside lanes and shoulder starting next month while crews widen the outside lanes
- ▶ Three lanes will remain open during construction
- ▶ Customers switch to outside lanes in 2016



Elgin O'Hare Western Access Project

Spending \$320 million

- ▶ Expect to deliver first phase of Illinois Route 390 to customers by the end of this year
- ▶ Continuing work on the I-290 Interchange Project and the Elmhurst Road Interchange Project on I-90



Elgin O'Hare Western Access

Ramp from westbound I-290 to westbound Illinois Route 390 scheduled to open this year



Photos courtesy of the Daily Herald

Elgin O'Hare Western Access



Reagan Memorial Tollway (I-88)

Spending \$108 million

- ▶ **Resurfacing 32 miles of roadway and mainline bridges from U.S. Route 30 to Illinois Route 251**
 - ▶ Providing a smoother surface, improving the overall driving experience and extending the life of the roadway
 - ▶ 15,000 motorists travel this portion of the roadway daily
 - ▶ Traffic will be reduced from two lanes to one in each direction during construction
 - ▶ Repackaging and phasing of westernmost segment is ongoing to rebid work between U.S. Route 30 and Illinois Route 52
- ▶ **Planned completion in 2016**



Improvements Across the System

Spending \$240 million on systemwide improvements

- ▶ **Completing the \$19.4 million Grand Avenue (Illinois Route 132) Interchange Project**
 - ▶ Extending the life of the ramps for increased traffic capacity
 - ▶ Providing safe and convenient travel for Tollway customers
 - ▶ Planned completion in 2015

- ▶ **Constructing the Alsip (M-1) maintenance facility on I-294**
 - ▶ First Tollway LEED-certified building
 - ▶ First maintenance facility to incorporate photovoltaic system
 - ▶ Opening in 2015



Work Zone Safety

- ▶ **Slow down, save lives**
 - ▶ 45 mph work zone speed limit 24/7 regardless of whether workers are present
- ▶ **No cellphones in work zones**
 - ▶ Distracted driving laws prohibit the use of all hand-held electronic devices in construction work zones
- ▶ **Penalties are severe**
 - ▶ Fine of \$375 for speeding
 - ▶ Fine of \$10,000/14 years in jail for hitting a worker

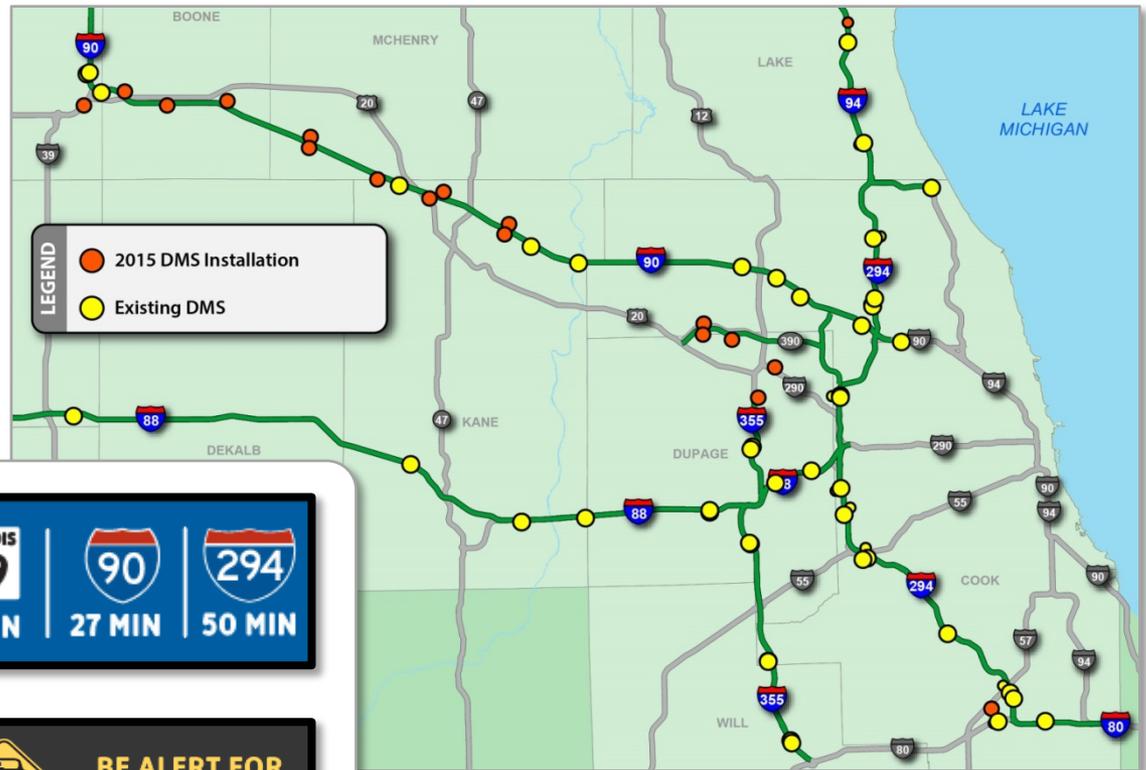


Installing Technology to Enhance Customer Service



Spending \$2.5 million on new dynamic message signs

- ▶ 2015 installations will be four-color, graphics capable



20 MINUTES TO
294

ILLINOIS
59
8 MIN | 27 MIN | 50 MIN

ROAD WORK
3 MILES AHEAD
LANES REDUCED

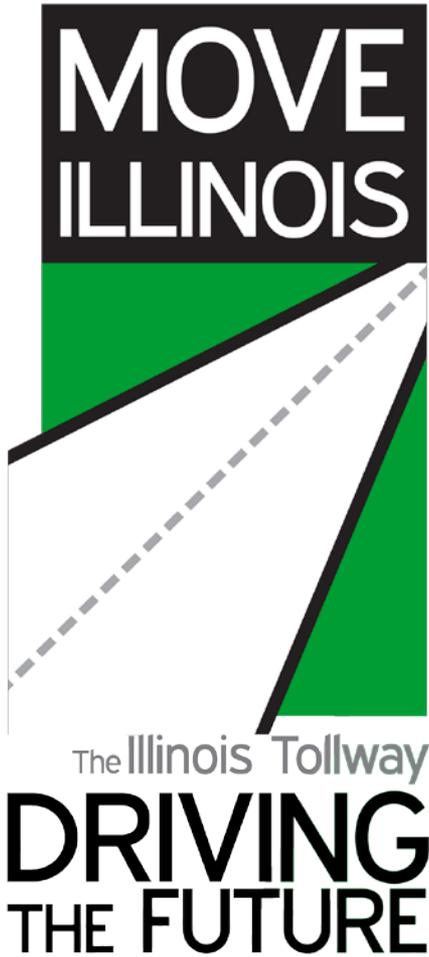
BE ALERT FOR
SCATTERED ICY
PAVEMENT

Getting Tollway Travel Information

The Illinois Tollway has a variety of ways customers can get the latest travel information, including:

- ▶ **www.illinoistollway.com**
 - ▶ Construction project updates, Tollway Trip Calculator, live camera images, real-time roadway incident information
- ▶ **1-800-TOLL-FYI**
 - ▶ Daily lane closure information
- ▶ **www.travelmidwest.com**
 - ▶ Real-time travel times
- ▶ **www.twitter.com**
 - ▶ Real-time roadway incident information





THANK YOU
