

**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
MINUTES OF THE
REGULAR BOARD MEETING**

January 29, 2015

The Illinois State Toll Highway Authority (the “Tollway”) Board of Directors met in regular session on Thursday, January 29, 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.

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

ROLL CALL

Chair Paula Wolf called the Meeting to order at approximately 9:00 a.m. and stated that this is the regularly scheduled meeting of the Board of Directors of the Tollway. She then asked the Board Secretary to call the roll. Those Directors present and absent were as follows:

Present:

Chair Paula Wolff
Director Jim Banks
Director Earl Dotson, Jr.
Director David Gonzalez
Director Mark Peterson
Director Jeff Redick
Director Tom Weisner

Not Present:

Governor Bruce Rauner, *ex officio*
Acting Secretary Erica Borggren, *ex officio*
Director Terry D’Arcy
Director James Sweeney

The Board Secretary declared a quorum present.

PUBLIC COMMENT

Chair Wolff opened the floor for public comment.

Mr. John Bachtler, of Joliet, addressed the Board. Mr. Bachtler's comments were supportive of setting reasonable speed limits on the Tollway system using the 85th percentile operating speed (being the speed which no more than 15% of traffic is exceeding) as a starting point, citing research that speed variance among drivers is more contributory to fatality rates than speed. He suggested that raising speed limits reduces turbulence in the traffic stream, avoids misallocation of police resources, and provides improved service and safety for Tollway customers.

Chair Wolff thanked Mr. Bachtler for his comments and research.

Mr. Rob Sherman and Mrs. Celeste Sherman, of Buffalo Grove, addressed the Board. Mr. Sherman proposed implementing a dedicated fuel tax in the 12-county area sufficient to allow the transition of tollways in Illinois to freeways. He further proposed that the Tollway be converted to a 12-county highway authority which would operate these newly transitioned freeways as well as continue to deliver many of the Move Illinois capital program projects, and potentially convert U.S. Route 41 (Skokie Highway) into a southern extension of Interstate 41 (I-41). Mrs. Sherman expressed her support for these proposals.

Chair Wolff suggested that the Tollway may not be the right policy entity to consider these proposals, and inquired whether Mr. Sherman is advocating his proposals to other entities. Mr. Sherman responded affirmatively, adding that his hope is to garner the support of the Tollway for the concept in order to bolster the case he can make to relevant government officials and legislative bodies.

Chair Wolff thanked Mr. and Mrs. Sherman for their comments.

[The floor was re-opened for public comment at a later point in the meeting]

CHAIR'S ITEMS

Chair Wolff called for a motion to approve the minutes of the Regular Board meeting held on December 18, 2014. Director Banks made a motion to approve; seconded by Director Peterson. The motion was approved unanimously.

Chair Wolff reminded the Board that Illinois law requires that public bodies periodically review minutes of prior closed sessions to determine if any contents no longer require confidential treatment and are appropriate for public inspection. Chair Wolff then confirmed that Directors had received for review Executive Session minutes from April 2009 through October 2014 showing content proposed by General Counsel for public release and continued redaction, and inquired if there were any questions or comments. Upon hearing none, Chair Wolff called for a motion to approve for public release Executive Session minutes from April 2009 through October 2014, as offered. Director Peterson made a motion to approve; seconded by Director Banks. The motion was approved unanimously.

STANDING COMMITTEE REPORTS

Chair Wolff asked the Chairs of the following standing committees to provide reports on the committees' recent activities.

Finance, Administration and Operations Committee

Director Peterson updated the Board on the **Finance, Administration and Operations Committee ("FAO Committee")** Meeting held Wednesday, January 21, 2015, providing the following highlights:

- The FAO Committee was provided a presentation given by John Benda, General Manager of Maintenance and Traffic, on color dynamic message signs ("DMS"). Initial implementation of this updated technology is planned for 2015 on the Jane Addams Memorial Tollway (I-90) and will allow a broader spectrum of signage to be used on the Tollway system, enhancing communication of important messages to customers.

- A focus of discussion at the Meeting was on efforts and strategies to increase participation in Tollway construction contracts of firms owned by currently under-represented gender and ethnic groups, and specifically African American firms.
- **FINANCE** presented two items which were approved by the Committee for placement on the consent agenda. The first item presented is to authorize payment to the Illinois Department of Central Management Services (“CMS”) for group health and life benefits provided Tollway retirees. The payment of just over \$3.9 million will reimburse the State for benefits received by Tollway enrollees in 2014. The second item presented is to authorize optional redemption of Series 2005A bonds currently scheduled to mature January 1, 2016. Early optional redemption will allow the bonds to be paid on July 1, 2015, potentially saving the Tollway approximately \$900,000 in interest expense.
- **ENGINEERING** has 19 items on the Board agenda for consideration. Of these, 18 Engineering items were presented to the FAO Committee, reviewed and approved for placement on the consent agenda:
 - ◇ Seven of these items presented by Engineering are construction contract awards:
 - * Three awards for rebuilding and widening of mainline pavement and bridges on the eastern portion of the Jane Addams Memorial Tollway (I-90). These three awards represent the last of the I-90 2015 mainline work.
 - * One award to Lorig Construction Company for the reconstruction and widening of the Higgins Road Bridge and adjacent roadway over I-90.
 - * One award to Moran Electrical Contracting is a Small Business Set-Aside contract for the addition of light fixtures in the salt barn located at the Alsip Maintenance Facility (M-1) on the Tri-State Tollway.
 - * One award to Broadway Electric, Inc., for rebuilding the north entrance to the Tollway Central Administration building, which will be done in

- accordance with the American Disabilities Act federal regulation codes for state facilities.
- * One award to John Burns Construction Company for rehabilitation work that involves the replacement of housing units for dynamic message signs and related equipment at 12 locations systemwide.
- ◇ Three of these Engineering items presented are Change Orders/Extra Work Orders:
- * One is an amendment to a previously approved extra work order in the amount of \$219,674 to recover construction days lost due to weather and poor soil conditions on the Eastbound Jane Addams Memorial Tollway (I-90). The final amount of \$447,674 represents the actual costs as determined through the agency's claims process.
 - * One change order/extra work order to remove and replace the new approach pavements at the Elmhurst Road Bridge over I-90. This work is required to avoid further schedule delay and to address settlement of the approach pavements. The cause of the settlement is under review.
 - * One change order to add quantity of granular backfill required for a retaining wall being constructed along the east end of I-90. This work is required to avoid further schedule delay and will allow the wall work to proceed during the winter. The need to supplement the granular backfill has been identified as a potential Errors and Omissions item for further evaluation.
- ◇ Eight of these items presented, reviewed and approved by the Committee for placement on the consent agenda are final releases of retainage for completed contracts. All completed work on these items has been performed in accordance with Tollway contract requirements and has been accepted. Per a request at Committee, the Diversity department has added notes to the item summaries offering explanation for any zero percent involvement of Disadvantaged Business Enterprises ("DBE") subcontractors on these items.

- Lastly, one item, deferred at Committee, pertaining to the identification of real estate parcels associated with the Elgin O’Hare Western Access Project (“EOWA”) is to be presented and considered in Executive Session, as per customary practice, prior to Board action.

Customer Service & Planning Committee

Director Weisner updated the Board on the **Customer Service & Planning Committee** (“CSP Committee”) Meeting held Thursday, January 22, 2015, providing the following highlights:

- CSP Committee members were provided a presentation on Tollway sustainability to inform discussion on the development and adoption of a Tollway Sustainability Policy and operational sustainability plan. The presentation highlighted on-going Capital and Operations sustainability initiatives:
 - ◇ Capital initiatives included the development and implementation of the Federal Highway Administration’s (“FHWA”) Infrastructure Voluntary Evaluation Sustainability Tool (“INVEST”), Lifecycle Cost Analysis (“LCA”), Leadership in Energy & Environmental Design (“LEED”) at new Tollway Maintenance Sites, and sustainable design and construction projects including wetland mitigation sites and the interchange at the Jane Addams Memorial Tollway (I-90) and Illinois Route 47 in Huntley.
 - ◇ Operations initiatives included a system wide energy audit, fuel reduction task force and the Central Administration building recycling program.
- During the course of the Meeting staff emphasized that while a number of sustainable initiatives are underway and have shown benefits there is need for Board/Executive level commitment supporting both current and future initiatives through the establishment of a Sustainability Policy. The focus of the policy is to promote the triple bottom line of sustainability; maintaining environmental quality while operating in a socially and economically responsible manner. This effort includes adopting operating procedures to

measure and reduce energy, fuel and waste, continuing to invest in scientific research to guide decision-making, and promoting policies that support or create economic development. Incorporated within a sustainability policy would also be a call for the development of an operational sustainability plan.

- Additionally discussed at the Meeting were elements of a typical sustainability plan, including establishing baselines of consumption, as well as developing goals and metrics for reducing consumption of annual electricity, natural gas, gasoline, diesel fuel and road salt usage.
 - ◇ Road salt usage was a focus of discussion, with Committee members urging further review of current practices to ensure efficiencies and further research on the subject matter. Staff was also encouraged to determine if there are means other than road salt by which Tollway roads can be maintained while ensuring the highest level of safety and service.
- Upon conclusion of the discussion, the Committee expressed consensus in support of advancing a Tollway Sustainability Policy. A draft Policy was reviewed and was subsequently posted on the Tollway's website for public comment. The Policy, and operational sustainability plan to be developed, are to be reviewed/updated every two years.

Chair Wolff thanked the Committee Chairs and the members of the Committees for their work and encouraged Directors to inform groups that may have interest in the proposed Sustainability Policy of its availability online and the opportunity for comment.

Chair Wolff then commended the fourth quarter Capital Program Report and encouraged its review by Directors, noting that the Report provides important information on the overall progress of the Tollway's capital investment initiatives.

Lastly, Chair Wolff extended congratulations to Governor Rauner on his election. She thanked the Governor's staff and Tollway staff who have been working closely together to ensure that the Governor's Office receives any requested

information regarding Tollway operations and that Tollway business proceeds in compliance with any executive orders issued.

Chair Wolff then called on Kristi Lafleur, Executive Director.

EXECUTIVE DIRECTOR

Executive Director Lafleur stated that stemming from discussion held at the recent FAO Committee meeting, Gustavo Giraldo, Chief of Diversity and Strategic Development, and senior staff have been asked to examine and develop a targeted and specific plan to overcome some of the obstacles African American contractors and consultants may face in competing for Tollway contracts. Ms. Lafleur emphasized that maximizing diversity of participants on Tollway contracts remains a priority for the Tollway and presentation to the Board of the plan is anticipated in the coming months.

Chair Wolff expressed her appreciation to staff for their continuing efforts to improve participation of African American firms in Tollway contracts, underscoring the significant progress made by the Tollway in recent years on minority contracting.

... PUBLIC COMMENT (continued per Chair)

Without objection, Chair Wolff re-opened the floor for public comment.

Mr. Bob Israel, president of Save Our Community Coalition, addressed the Board. Mr. Israel inquired whether the agency has plans for implementation of a mentor/protégé program for construction contractors, in addition to the Tollway's Mentor/Protégé Program for professional service consultants. Executive Director Lafleur responded that the agency is focusing efforts to encourage broader participation of African American firms as prime contractors and subcontractors on Tollway construction contracts, referencing discussion held just previously and at the most recent FAO Committee meeting. Ms. Lafleur noted that a mentor/protégé program for construction contractors is one of the elements to be evaluated for inclusion in the overall plan currently under development, with presentation to the

Board anticipated in the coming months. She added that Mr. Israel can be kept informed as to when the plan will be presented in case he would like to attend.

Mr. Israel asked whether the mentor/protégé program being evaluated would specifically target African American firms. Executive Director Lafleur responded that any mentor/protégé program implemented would encourage mentor assistance to all disadvantaged, minority- and women-owned business enterprises (“D/M/WBEs”) but the overall plan proposed will have as a primary goal increasing participation of African American firms in Tollway contracts.

Chair Wolff thanked Mr. Israel for his comments, suggesting he should continue a dialog with Mr. Giraldo as the recommendation is being developed and assured Mr. Israel that the Board, although pleased that agency efforts have resulted in improved participation of D/M/WBEs overall, is eager to see a broader participation of African American firms in Tollway contracts.

... EXECUTIVE DIRECTOR (continued)

Executive Director then introduced Director Tom Weisner, Mayor of Aurora, to speak on a subject he brought to the agency’s attention, the plight of the monarch butterfly, and a Tollway initiative developed to help improve their circumstance.

Director Weisner informed the Board that the monarch butterfly has been officially designated the state insect of Illinois. He emphasized that Illinois is an important habitat along the monarch’s migration route between the U.S. and central Mexico, and that a decline in milkweed is a primary factor contributing to the dramatic decline in monarch populations, a decline that has prompted the U.S. Fish and Wildlife Service to recently announce that monarch butterflies may deserve protection under the Endangered Species Act. Director Weisner described that after learning of the issue and consulting with the National Resources Defense Council (“NRDC”), he engaged staff to develop an initiative that might utilize Tollway right-of-ways for milkweed habitat restoration, with the hope of contributing to the repopulation of monarch butterflies. Director Weisner then introduced Rebecca Riley, NRDC wildlife attorney, and staff member Bryan Wagner, Environmental Program and Policy Manager, to provide a presentation on

the need and the initiative developed in Support of the Monarch Butterfly. [See attached presentation.](#)

Executive Director Lafleur asked the significance of a higher mowing level intended for the identified Tollway right-of-ways. Mr. Wagner responded that a once-a-year well-timed “high mow” (being a minimum of six inches) reduces the negative impact on pollinators, including butterflies, and allows supportive plants to establish while eliminating undesirable woody plant species.

Executive Director Lafleur requested confirmation that there would be no additional costs associated with using seed mixes that support the monarch species. Mr. Wagner confirmed, adding that because the habitat enhancement areas would be mowed once a year instead of twice, a savings in maintenance costs is expected.

Director Weisner commented that beyond the sentimental appeal of monarch butterflies, repopulation efforts have potential positive agricultural and economic implications for the state.

Executive Director Lafleur additionally commented on the potential positive agricultural and economic implications for the state and inquired if staff had consulted with the Illinois Department of Agriculture. Mr. Walker responded affirmatively, noting their response was supportive of the initiative.

Director Weisner asked going forward that new project sites and associated right-of-ways be considered for identification as habitat enhancement areas in support of the monarch butterfly. **Mr. Wagner responded that pending support of the initiative by the Board, right-of-way will be reviewed on an ongoing basis for designation as habitat enhancement areas.** Mr. Wagner added that modifications planned this year to seed mixes in support of the monarch species will be evaluated and can perhaps be made permanent.

Chair Wolff inquired whether there has been any monitoring yet to determine success of the plants in Tollway right-of-way locations where milkweed species were recently introduced. Mr. Wagner responded in the negative, adding that

monitoring seeded habitats to confirm restoration goals is planned as part of the proposed initiative.

Chair Wolff cautioned that some communities may not be supportive of natural habitat areas or roadside plantings and said she assumed that the Tollway would exercise its usual caution by consulting with communities so that the initiative would be shaped by local viewpoints. Mr. Wagner responded that milkweed species are intended for introduction into targeted and appropriate locations, and the selection process will be responsive to local viewpoints.

The Board then expressed consensus in support of the habitat restoration program to support monarch butterflies.

Chair Wolff thanked staff, Director Weisner, Ms. Riley and the NRDC for their efforts in development of the initiative.

CONSENT AGENDA

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

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

Item 1: Approval of 2014 Retiree Health Insurance Payment to Central Management Services (CMS) per ILCS 375-11.

Item 2: Authorization to Optionally Redeem the \$36.81M remaining Series 2005A Bonds on July 1, 2015, in advance of their January 1, 2016 scheduled maturity.

Director Peterson made a motion for approval of **Finance Items 1 and 2**; seconded by Director Dotson. The motion was approved unanimously.

Chair Wolff called for a motion to approve the following **Engineering resolutions**:

Item 1: Award of Contract I-14-4204 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Westbound Roadway and Bridge Reconstruction and Widening on the Jane Addams Memorial Tollway (I-90) from Milepost 54.4 (IL 31) to Milepost 55.4 (Fox River), in the amount of \$30,856,653.99.

Item 2: Award of Contract I-14-4205 to Plote Construction, Inc. / Dunnet Bay Construction Co. (JV) for Outside Roadway and Bridge Reconstruction and Widening on the Jane Addams Memorial Tollway (I-90) from Milepost 56.8 (IL 25) to Milepost 60.8 (Higgins Road), in the amount of \$76,879,371.88.

Item 3: Award of Contract I-14-4212 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Eastbound Roadway and Bridge Reconstruction and Widening on the Jane Addams Memorial Tollway (I-90) from Milepost 76.6 (Mannheim Road) to Milepost 78.9 (Kennedy Expressway), in the amount of \$60,281,636.17.

Item 4: Award of Contract I-14-5698 to Lorig Construction Company for Bridge Widening and Reconstruction on the Jane Addams Memorial Tollway (I-90) at Milepost 49.4 (Higgins Road), in the amount of \$6,036,713.75.

Item 5: Award of Contract RR-14-4214 to EMM Electric, Inc, dba Moran Electrical Contracting for Salt Barn Lighting at Maintenance Facility M-1 (Alsip) on the Tri-State Tollway (I-294) at Milepost 12.3 (Cicero Avenue), in the amount of \$79,390.00.

Item 6: Award of Contract RR-13-9135R to Broadway Electric Inc. for ADA Improvements at the Tollway Central Administration building north entrance, in the amount of \$582,000.00.

Item 7: Award of Contract RR-14-9169 to John Burns Construction Company for Dynamic Message Sign (DMS) Refurbishment, Systemwide, in the amount of \$818,888.88. [Recusal: Director Sweeney]

Item 8: Amendment to Extra Work Order on Contract I-12-4073 to Curran Contracting Company for Widening and Reconstruction on Eastbound Jane

Addams Memorial Tollway (I-90) from Milepost 24.9 (Genoa Road) to Milepost 33.5 (Anthony Road), in the amount of \$219,674.00 from \$228,000.00 to \$447,674.00.

Item 9: Change Order / Extra Work Order on Contract I-13-4616 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Bridge Construction on the Jane Addams Memorial Tollway (I-90) at Milepost 73.5 (Elmhurst Road), in the amount of \$625,919.60.

Item 10: Change Order on Contract I-13-5680 to F.H. Paschen, S.N. Nielsen & Associates, LLC for Grading, Drainage and Wall Construction on the Jane Addams Memorial Tollway (I-90) from Milepost 74.6 (Mt. Prospect Road) to Milepost 76.4 (Lee Street), in the amount of \$651,530.00.

Item 11: Final Release of Retainage on Contract I-12-4073 to Curran Contracting Company for Widening and Reconstruction on the Eastbound Jane Addams Memorial Tollway (I-90), from Milepost 24.9 (Genoa Road) to Milepost 33.5 (Anthony Road).

Item 12: Final Release of Retainage on Contract I-12-4074 to Curran Contracting Company for Widening and Reconstruction on the Eastbound Jane Addams Memorial Tollway (I-90), from Milepost 33.5 (Anthony Road) to Milepost 41.5 (US Route 20).

Item 13: Final Release of Retainage on Contract I-12-4078 to Acura, Inc. for Reconstruction and Widening on the Jane Addams Memorial Tollway (I-90) at Milepost 42.3 (US 20 Bridge).

Item 14: Final Release of Retainage on Contract RR-14-4173 to Penhall Company for Diamond Grinding and Pavement Markings on the Ronald Reagan Memorial Tollway (I-88) from Milepost 117.4 (Fox River) to Milepost 122.9 (IL 59).

Item 15: Final Release of Retainage on Contract I-13-4604 to Dunnet Bay Construction Company for Noise Wall Construction on the Eastbound Elgin O'Hare Expressway, between Roselle Road and Meacham Road/Medinah Road.

Item 16: Final Release of Retainage on Contract I-13-4605 to Dunnet Bay Construction Company for Noise Wall Construction on the Westbound Elgin O'Hare Expressway, between Roselle Road and Meacham Road/Medinah Road.

Item 17: Final Release of Retainage on Contract RR-13-5669 to R.W. Dunteman Company for Pavement and Bridge Repairs on the Veterans Memorial Tollway (I-355) from Milepost 0.0 (I-80) to Milepost 28.9 (Fullerton Avenue), Reagan Memorial Tollway (I-88) at Milepost 129.1 (Yackley Road), and Tri-State Tollway (I-94) at Milepost 16.1 (IL 176).

Item 18: Final Release of Retainage on Contract RR-11-9117 to GFS Fence Guardrail and Signage, Inc. for Sign Fabrication and Installation Upon Request, Systemwide.

Item 19: Amended DiBenedetto (Identification of Real Estate Parcels associated with the Elgin O'Hare Western Access Project (EOWA)). Cost to the Tollway: N/A.

Director Redick made a motion for approval of **Engineering Items 1 through 18**; seconded by Director Banks. The motion was approved unanimously.

Chair Wolff stated that action on Engineering Item 19 will be deferred until after consideration in Executive Session.

At approximately 9:58 a.m., David Goldberg, General Counsel, indicated the need to discuss Tollway matters related to personnel matters, collective bargaining negotiations, acquisition of real property, and pending litigation, pursuant to Sections 2(c)(1), 2(c)(2), 2(c)(5), and 2(c)(11) of the Illinois Open Meetings Act. Director Weisner made the motion to enter into Executive Session; seconded by Director Banks. The motion was approved unanimously.

At approximately 10:55 a.m., the Board re-entered the public session of the Board meeting.

Director Weisner made a motion for approval of **Engineering Item 19**; seconded by Director Banks. The motion was approved unanimously.

ADJOURNMENT

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

The meeting was adjourned at approximately 10:56 a.m.

Minutes taken by:



Christi Regnery
Board Secretary
Illinois State Toll Highway Authority



**Supporting the
Monarch Butterfly**

January 29, 2015

Value of Monarchs and Pollinators

■ Indicator species

- Demonstrate a healthy environment and ecosystem
- Important element in the food chain

■ Globally, 87 of the leading 115 food crops evaluated by the federal government are dependent on animal pollinators, contributing 35 percent of global food production

- Pollinators contribute an estimated \$24 billion to the U.S. economy
- In 2009, the crop benefits from native insect pollination, including monarchs, were valued at more than \$9 billion, according to White House statistics



The Illinois Tollway's Role

- **Work with the Natural Resources Defense Council and state agencies on a habitat enhancement and restoration program to support monarch butterflies**
- **Focus on supplementing current seed mixes at select Tollway locations, interchanges and wetland mitigation sites with more milkweed variations**
- **Review approximately 20 contracts for new butterfly habitat within our system along I-90, I-88 and I-294**



Habitat Management

- **Habitat takes several years to establish**
- **Vegetation management expectations**
 - Reduced mowing in habitat enhancement and restoration areas
 - Mowing height and herbicide restrictions
- **Will monitor seeded habitat to confirm enhancement and restoration goals**



Tollway Wetland Mitigation Sites – Pollinator Habitat Areas

In order to provide refuge for monarchs and other pollinators, these sites will provide food for larva stage, refuge from predators and wind breaks for the long migration through northeastern Illinois.

Pine Dunes (Lake County):	315 acres
Orland Grassland South (Will County):	160 acres
<u>Springbrook Creek (DuPage County):</u>	<u>8 acres</u>
Total habitat by third year of project:	483 acres



Milkweed seed pod

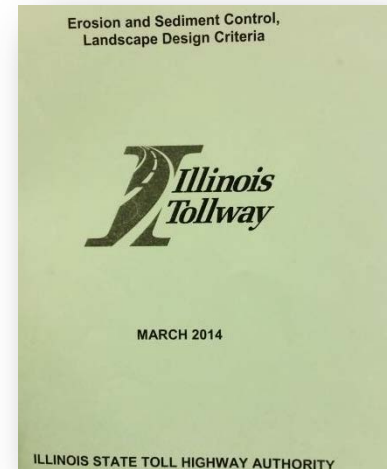


Wild bergamot



Seed Mixes

- Existing Tollway seed mixes that support monarch butterflies include:
 - ❑ Class 5 – “Forb Mix” for prairie areas (used to supplement seeding at infields or select areas)
 - ❑ Class 5A – “Large Flower Native Forb Mix” (used near adjacent natural areas and aesthetic enhancements)
 - ❑ Class 5B – “Wetland Forb and Conservation Mix” (used on stream banks, wet areas and detention basins)

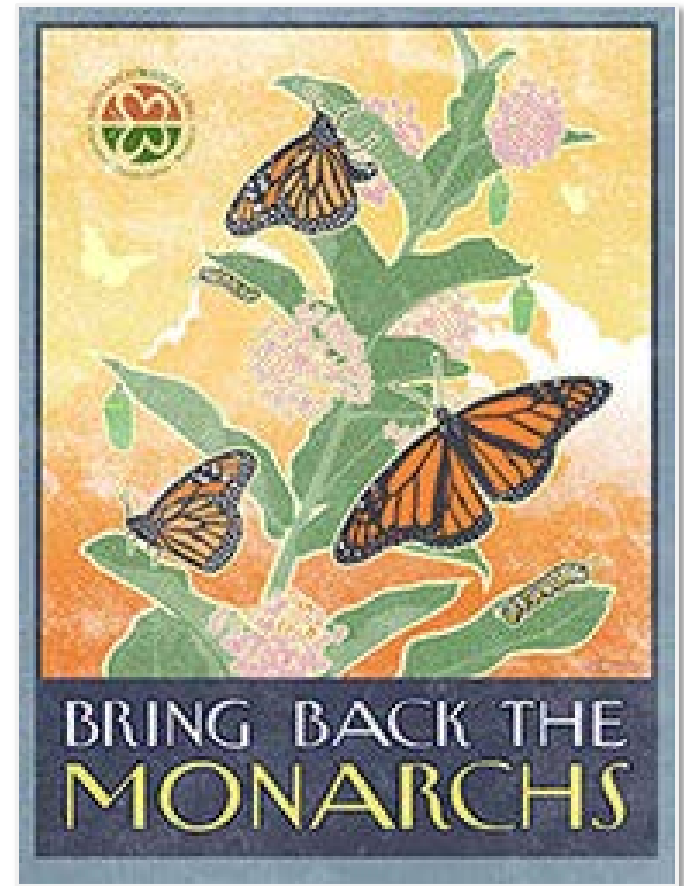


Butterfly weed (Class 5)



Next Steps

- Get Board input on concept
- Maintenance participation
- Coordinate with the Natural Resources Defense Council and state agencies
- Supplement species (i.e. milkweed) to potential contract areas identified on Tollway land





THANK YOU

BUILDING HABITAT FOR MONARCHS



*PRESENTATION TO THE ILLINOIS TOLLWAY
JANUARY 29, 2015*



The Monarch is

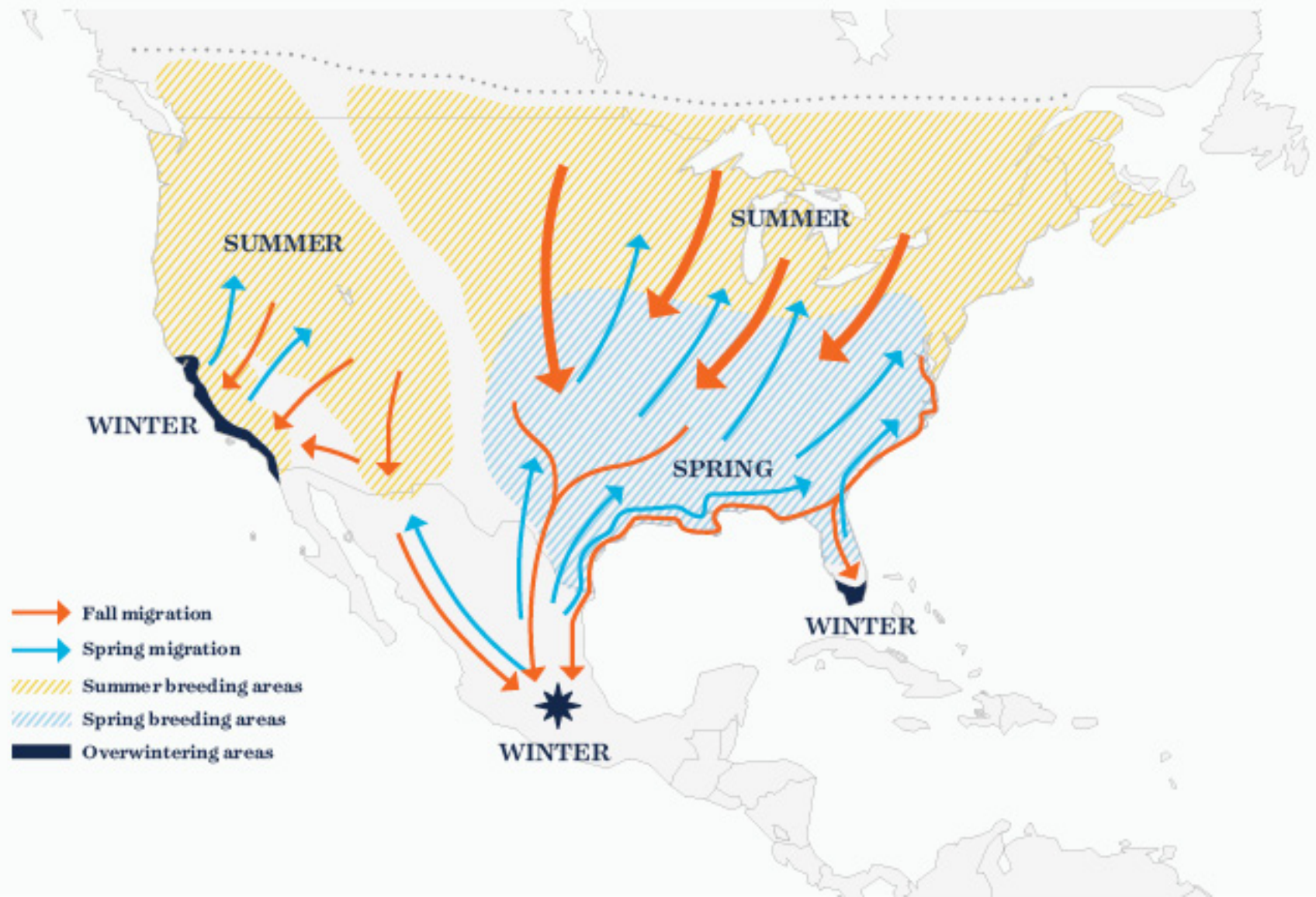
THE ILLINOIS STATE INSECT



WINTERING IN MEXICO

A large colony of monarch butterflies is shown on a tree branch. The butterflies are densely packed, with their orange and black wings creating a textured pattern. The background consists of green pine needles and branches, suggesting a forest environment. The text "WINTERING IN MEXICO" is overlaid in white, bold, sans-serif font in the upper right quadrant. A decorative horizontal line with a repeating pattern is located at the top of the image, and a solid white horizontal line is at the bottom.

Monarchs migrate across most of the U.S.





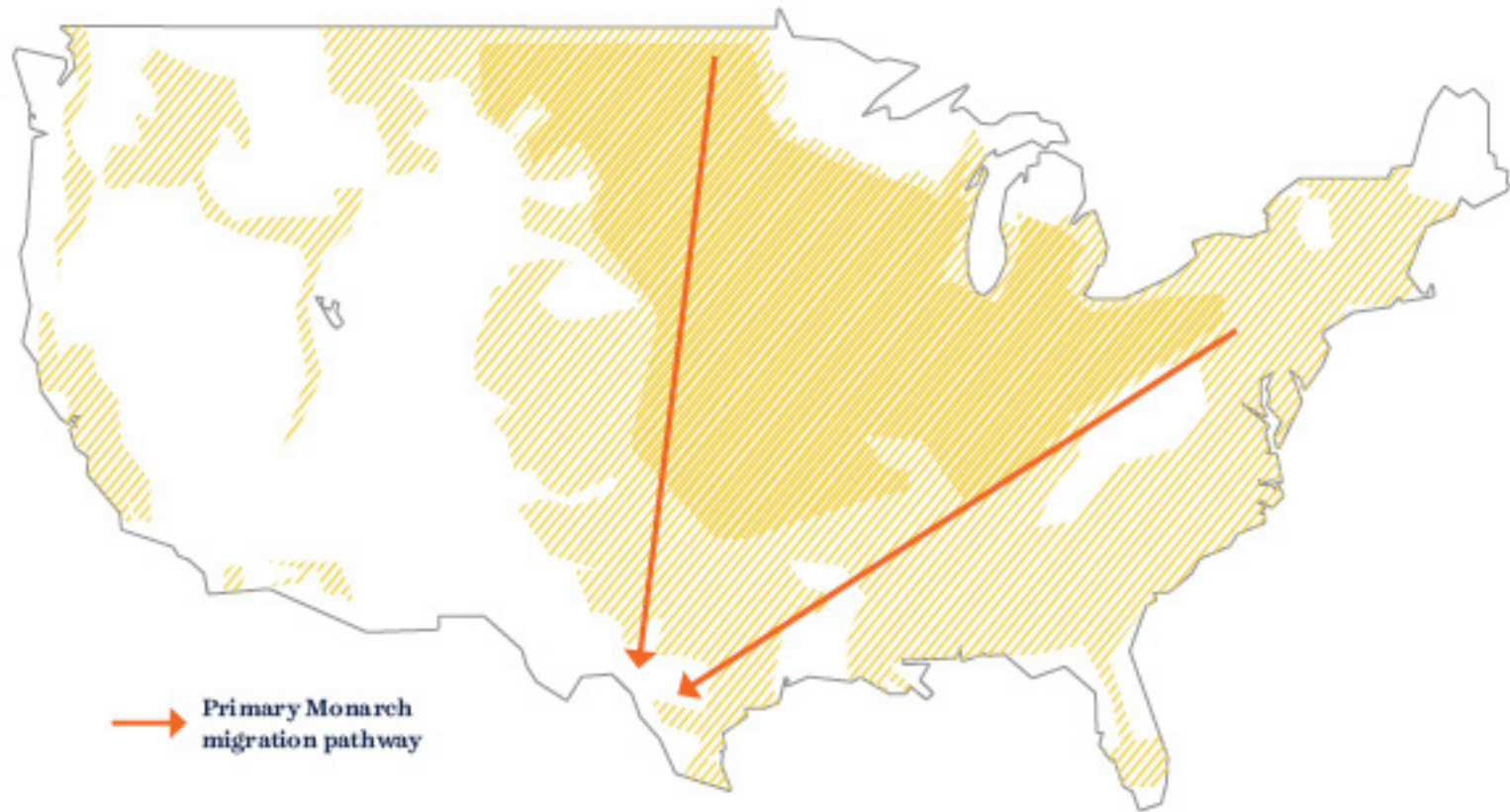
Monarch caterpillars
**ARE DEPENDENT
ON MILKWEED**

PESTICIDES HAVE ELIMINATED MILKWEED

Roundup = Glyphosate

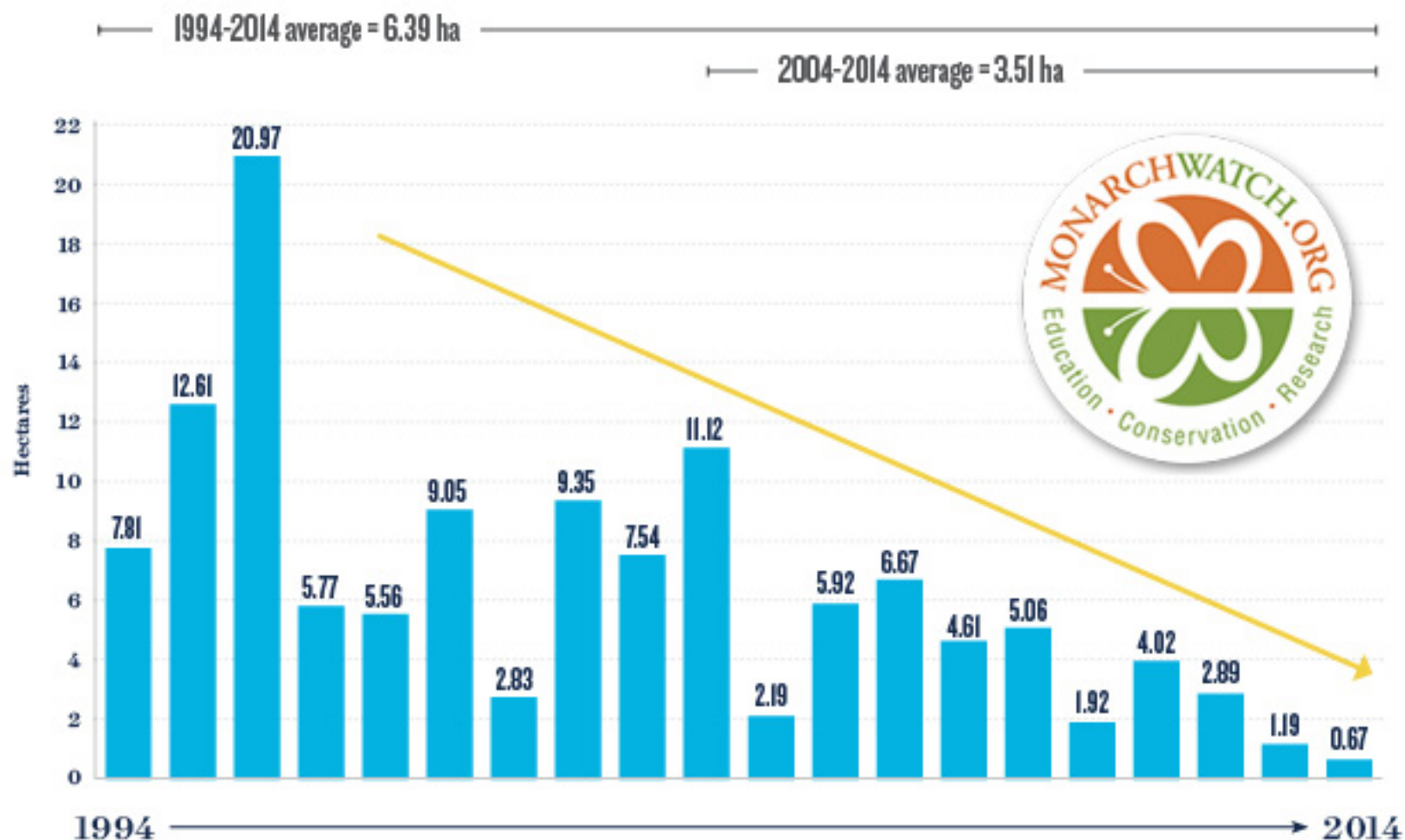


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Glyphosate is heavily used across the Midwest



ESTIMATED AGRICULTURAL USE FOR GLYPHOSATE, 2011 (Epest-Low)

Monarch population has declined



A close-up photograph of a lavender field with purple flower spikes and green stems. The background is a soft-focus green field. A decorative dashed line is at the top, and a solid white line is at the bottom.

**OUR ROADSIDES HAVE
GREAT POTENTIAL TO
SERVE AS HABITAT FOR
MONARCHS**

Other states have been **successful**



IOWA DOT AND UNI TALLGRASS PRAIRIE CENTER:
1,093 LBS. ON 8,102 ACRES BETWEEN 2011-2013

MINNESOTA DOT INCLUDES FOUR SPECIES OF
MILKWEED IN ITS ROADSIDE PLANTINGS

WISCONSIN DOT BEGAN PLANTING MILKWEED
THIS PAST GROWING SEASON

