



Rhodework Review

Fall 2018



Construction Industries
of Rhode Island

The Voice Of An Industry.

- Truck Tolling Progress
- Scholarship Winners
- Spring Dinner Recap

President's Message

An energized spirit to help RhodeWorks to succeed.



Stephen A. Cardi II
CIRI President

Since the RhodeWorks legislation was enacted in February 2016, the quantity and quality of work awarded by RIDOT has been unprecedented. CIRI is not only proud to have played a major advocacy role in the passage of the RhodeWorks, we're proud of the effort our member companies have made to execute the resulting projects with the utmost attention to quality, schedule parameters and safety considerations.

Everywhere you look across Rhode Island today, you'll see tangible results. Our state's residents and businesses are already benefitting from much needed improvements. This includes major projects that sat on drawing boards for decades, awaiting the dedicated and dependable funding RhodeWorks has effectively brought to the picture.

It's one thing to talk about initiating a program like RhodeWorks. It's another thing entirely to effectively put that program into action. At

RIDOT, Director Alviti and his staff have literally reinvented the way infrastructure is rehabilitated and built in our state.

This initiative began with a complete reorganization of the structure of RIDOT itself. It continues to manifest itself through more streamlined planning, more efficient advertising/awarding of work, more stringent project and cost controls — and the demonstrated ability to get from award to completion within unprecedented timeframes.

Realizing every opportunity comes with an obligation.

To help maximize this momentum, CIRI member companies and their personnel are making a real difference at the jobsite level. Employment in our industry is at an all-time high. We're returning the favor by doing everything we can to support and elevate the overall effort that is needed to help RIDOT succeed — and to prove the worth and wisdom of RhodeWorks to the taxpayers of Rhode Island.

Working toward a stronger economy and a safer state.

CIRI continues to foster and strengthen our relationships with Rhode Island's key trade unions. This includes the open communication that leads to mutually beneficial agreements for their valued employees.

We're also committed to aiding the day-to-day safety of jobsite personnel, and to help ensure they return safely to their homes at the

end of their shifts. Accordingly, the CIRI Safety Committee provides a diverse offering of free courses to help them obtain and renew key certifications, as they learn about the latest techniques for more efficient and safer work practices.

In turn, the quality work provided by CIRI member companies results in the safe roads, bridges and infrastructure that is central to fueling a vibrant RI economy — while providing a safer place to live, work and visit for all concerned.

Providing a voice for heavy and highway construction.

As the ranks of our membership continue to grow, along with the active involvement of our members, CIRI is more focused than ever on our continual advocacy efforts. The CIRI Political Action Committee (PAC) is already preparing for the intensive RI General Assembly activity that will begin in January. We urge our members to help fund this effort, which ensures our voices are heard as decisions are made that affect our mutual business interests.

All of us at CIRI are looking forward to another dynamic and fruitful year for transportation initiatives in 2019. And as always, our door is open year-round to companies who would like to join our organization.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stephen A. Cardi II', written in a cursive style.

Stephen A. Cardi II

Upswing in construction and economy highlighted at CIRI Spring Dinner Meeting.

House Speaker Mattiello and RIDOT Director Alviti were featured speakers at May 17 event.

At our annual Spring Dinner Meeting, at the Crowne Plaza in Warwick, CIRI members were updated on the early successes and groundswell created during the first two years of Rhode Island's landmark RhodeWorks program. Featured speakers were:



Nicholas Mattiello
RI Speaker of the House

Nicholas Mattiello **RI Speaker of the House**

As someone with a continued family history in the construction industry, including early personal hands-on experience, Speaker Mattiello truly appreciates the role of our industry in fueling both jobs and the economy at large. His active support for the RhodeWorks, both pre-legislation and over the program's first two years of operation, has been a contributing factor to its early success.

"When we look at every single proposal during the General Assembly sessions," Mattiello said, "we ask what the impact will be for the economy, for the middle class, and for the jobs needed to keep our state moving forward. At the close of 2017, the Rhode Island economy was progressing faster than any other economy in the Northeast. And as a result of the tax cuts and incentive programs we've been able to pass, we're now seeing cranes in the sky and miles of freshly paved roads."

Colleagues that Mattiello credited with playing a major role in the success of the current economic upswing include Governor Raimondo, Senate President Domenic Ruggieri, RIDOT Director Peter Alviti, Jr., CIRI leaders and members, and his Chief of Staff, Leo Skenyon.

Peter Alviti, Jr. P.E. **RIDOT Director**

Appropriately introduced by CIRI President Stephen Cardi II as the "architect of RhodeWorks," Director Alviti presented a big-picture update of the progress made to date with emphasis on the prior 12 months.

To help frame what had been accomplished and what was on the horizon as of May 17, Alviti offered the following points:

- Completion of 109 bridge repair projects and paving of nearly 200 lane-miles
- More than 110 active projects with an estimated \$890M worth of construction value
- The start of long-awaited projects including the 6/10 Connector rehab on I-95
- Another 186 bridge projects underway or to soon to begin
- The addition of 1300 construction sector jobs
- The award of a \$20M grant for a \$44M project on Route 37 which includes 15 bridges and numerous safety improvements

"People around the state are saying they already see the difference that RhodeWorks is making for our roads and bridges," Alviti said. "We asked our state's legislators, including the Speaker, to put their reputations on the line for this \$4.5 billion plan within a 10-year period. Speaker Mattiello stepped up and brought together government leaders, union leaders, environmentalists, the business community and civic opinion makers. Thanks to this support, and to all of you in the construction industry, it's working."

To view the most up-to-date infrastructure plans and news, visit the RhodeWorks section of the RIDOT website at: www.dot.ri.gov/rhodeworks



Peter Alviti, Jr. P.E.
RIDOT Director

2018 Henry J. Sherlock Scholarships awarded.

Seven students honored as program marks its eighth year.



Shown here at the scholarships presentation are: (front row) Rita Stubbs, Merideth Pine and Kelsey Jarvis; (back row) Jason Pisano, Cameron Leach, Alexander Iannuzzi and Stephen Grivers.

Marking the eighth year of its scholarship program, CIRI has awarded \$3,500 to each of seven students to apply to their college studies. Since its inception in 2011, the program has awarded a total of 37 scholarships.

“While our scholarship committee typically awards six scholarships each spring, this year they felt seven candidates clearly deserved the honor,” says Steve Cardi, CIRI President.

This year’s awards were presented at the CIRI Annual Spring Dinner Meeting on May 17 at the Crowne Plaza Hotel in Warwick. The scholarships were renamed in 2014 in honor of Henry Sherlock, executive director of CIRI for 37 years and a lifelong advocate for the pursuit of higher education.

Any senior high school student graduating in 2018 who is the child or grandchild of a present employee or an employee of a CIRI member

company — and will be enrolling in a two-year or four-year accredited college or university — was eligible to apply for consideration. The winning 2018 graduates who received this year’s scholarship grants are:

Stephen Grivers • A graduate of North Providence High School who resides in North Providence, Stephen is attending Bryant University to major in Data Science — potentially combined with a minor in a foreign language. His father, Peter Grivers, is employed by Vanasse Hangen Bruslin (VHB).

Alexander Iannuzzi • A Smithfield High School graduate who lives in Smithfield, Alexander is studying at Virginia Tech. He plans to pursue a general engineering course of study for the first year, followed by a concentration in Computer Science. Alexander hopes to become a commercial airline pilot. His mother, Nicole Iannuzzi, is employed by BETA Group.

Kelsey Jarvis • A graduate of Frontier Regional High School who lives in South Deerfield, MA, Kelsey is studying Biology as an undergraduate, and aspires to attend veterinary school after graduation. Her father, Todd Jarvis, is employed by All States Asphalt.

Cameron Leach • A Ponagansett High School graduate who resides in Chepachet, Cameron is attending the University of Rhode Island to undertake its six-year Doctor of Pharmacy program — which results in a Pharm.D. designation. His father, Brad Leach, is employed by Gordon R. Archibald, Inc. (GRA)

Merideth Pine • A graduate of Millbury Memorial Junior/Senior High School who also resides in Millbury, Merideth is attending Sacred Heart University in Fairfield, CT to earn a degree in Nursing. Her father, Rob Pine, is employed by Skanska USA Civil.

Jason Pisano • A Mount Saint Charles graduate who lives in Millville, MA, Jason is studying at Bryant University. He will likely major in Data Science with a minor in Business/Finance, with a special emphasis on Information and Analytics. Jason’s goal is to become a civil engineer. His father, James Pisano, is employed by Vanasse Hangen Bruslin (VHB).

Rita Stubbs • A graduate of Coventry High School who also lives in Coventry, Rita is attending St. Michael’s College in Colchester, VT to study Behavioral Neuroscience. Upon graduation, she would like to pursue a career in academic research and authorship. Her father, Brian Stubbs, is employed by Barker Steel LLC.

RIDOT rolls out DBE initiative for MBE contractors.

Jobsite traffic control personnel are first to be affected.

On a traditional jobsite, the safety plan is usually formulated by project engineers and monitored by an onsite supervisor. In the case of a Minority Business Enterprise (MBE), this plan must now be established and monitored by the MBE itself. This is in line with new regulations for a Disadvantaged Business Enterprise (DBE), as established in 49 CFR Part 26.

The key criteria is evaluating if traffic control work performed by a DBE is a commercially useful function (CUF), and therefore eligible for participation. The intent is to ensure the subcontracting experience is meaningful and independent, and

in the best interest of developing the DBE as a subcontractor. The DBE must be responsible for control of its own work (i.e., money, materials, personnel and equipment).

RIDOT will evaluate the work to be performed by a DBE firm in each case, as well as the allowable goal credit for program success. These include:

- 100% goal credit for a project awarded to a DBE prime, joint venture or subcontractor
- 100% goal credit for equipment rental from a DBE firm
- 100% goal credit for materials purchased from a DBE manufacturer or fabricator



- 60% goal credit for materials and supplies purchased from a DBE “regular dealer”

CIRI members with questions regarding applicable DBE goal credits should contact RIDOT’s Office of Civil Rights (OCR) DBE Services section by emailing:

melissa.francisco@dot.ri.gov

RI truck tolling revenue is exceeding expectations.

RIDOT issues first quarter report for initial pair of gantries.

One of the more innovative and debated elements of the RhodeWorks program is its truck tolling program for specific types of tractor trailers. The revenue collected at each toll gantry is slated to go directly to the repair of its associated bridge or bridge group.

Beginning on June 11, Rhode Island began tolling at two Washington County locations near Route 3. As shown in the accompanying summary

table for traffic and revenue levels, the first three months of tolling have exceeded original RIDOT estimates in terms of both billable revenue (+5%) and overall usage counts (+7%).

The latter point is in contrast to program opponents’ initial fears that tractor trailers would largely seek out smaller roads to avoid paying the tolls, or find ways to bypass Rhode Island entirely. Studies have shown that only

four trucks per day are diverting their course to Route 3, a far cry from the pre-program opposition estimates of 300 trucks a day.

Another 12 toll gantries at key locations in RI are slated to be added as the program develops. Additional information on the RIDOT Truck Tolling Program can be found at:

www.dot.ri.gov/tolling

RI Truck Tolling Program

	Estimated (pre-launch study)	Month 1 (June 11-July 10)	Month 2 (July 11-Aug 10)	Month 3 (Aug 11-Sept 10)	Q1 Totals (June 11-Sept 10)	Q1 increase over anticipated
Monthly Transactions	177,292	188,815	200,746	178,747	568,876	36,432
Billable Revenue	\$598,667	\$625,989	\$664,617	\$591,566	\$1,882,173	\$86,172

Latest RIDOT STIP report shows minor adjustments.

State Transportation Improvement Program is roadmap for future projects.

On September 9, RIDOT released the latest update to its State Transportation Improvement Program report, as mandated by federal regulations for highway and transit funds. The percentage change was less than 1% for both expected revenue sources and forecasted expenditures over the next 4 federal fiscal years.

To view and/or download the full STIP document, visit the homepage for the RI Division of Statewide Planning at:

www.planning.ri.gov/planning-areas/transportation/tip.php

The tables shown here outline all federal and state resources reasonably expected to be available to RIDOT between FFY 2018-2021, as well as planned expenditures, meeting federal requirements for the STIP to fiscally constrained.



RIDOT Funding Sources

in millions of dollars • updated 7.20.18

Highway - State	FY 2018	FY 2019	FY 2020	FY 2021	4-Yr Totals
Gas Tax	88.70	88.30	91.90	91.20	360.10
RICAP Funds	30.60	30.60	27.20	27.20	115.60
RI Highway Maintenance Account	78.10	86.70	87.50	87.70	340.00
RICAP for Maintenance Facility	4.80	4.20	4.30	4.30	17.60
Project Closeouts	8.00	5.00	5.00	5.00	23.00
Land Sales	4.03	2.87	1.00	1.00	8.90
Garvee Bond Proceeds	85.00	77.00	45.00	0.00	207.00
Transit Hub Bond	5.00	20.00	7.00	3.00	35.00
RICAP for Pavement Projects	0.00	20.00	20.00	20.00	60.00
Third Party Funding	1.00	2.50	1.00	0.00	4.50
Toll Revenue	19.00	44.80	44.80	44.80	153.40
Prior Year Funds	4.00	3.00	0.00	0.00	7.00
Total RIDOT State Sources	328.23	384.97	334.70	284.20	1,332.10

Highway - Federal	FY 2018	FY 2019	FY 2020	FY 2021	4-Yr Totals
Railway Highway Crossings	1.20	1.20	1.20	1.20	4.80
Highway Safety Improvement	18.00	18.20	18.50	18.50	73.20
Transportation Alternative	3.30	3.30	3.30	3.30	13.20
National Highway Performance	128.60	131.40	134.40	134.40	528.80
CMAQ	10.90	11.00	11.20	11.20	44.30
2.5% Inflationary Increase from Federal Reserves	0.00	0.00	0.00	6.00	6.00
Planning	6.30	6.30	6.40	6.40	25.40
Surface Transportation Block Grant	61.10	62.20	63.70	63.70	250.70
National Freight	6.60	7.50	8.30	8.30	30.70
TIGER Grant	6.60	6.60	0.00	0.00	13.20
Other Federal Non Formula Distribution/Redistrib	25.64	25.64	25.64	25.00	101.93
Federal Budgetary Holdback	(6.40)	(6.50)	(6.60)	(6.60)	(26.10)
Total Federal Highway Funding Sources	261.84	266.84	266.04	271.40	1,066.13

Non Highway Revenue	FY 2018	FY 2019	FY 2020	FY 2021	4-Yr Totals
NHTSA	3.00	3.00	3.00	3.00	12.00
Green Economy Bond	6.50	2.70	0.00	0.00	9.20
FTA (Fixed Guideway)	6.10	4.30	4.30	4.30	19.00
Total Non-Highway Funding Sources	15.60	10.00	7.30	7.30	40.20
Total RIDOT Funding Sources	605.67	661.81	608.04	562.90	2,438.43

RIDOT Planned Expenditures

in millions of dollars • updated 7.18.18

	FY 2018	FY 2019	FY 2020	FY 2021	4-Yr Totals
6/10 Project	77.00	70.00	92.20	60.36	299.56
Bridge Capital Program	205.58	211.11	160.70	135.80	713.20
Bridge Maintenance	15.23	17.30	16.38	17.40	66.31
Contingency - Inflation	0.00	0.00	0.41	0.50	0.91
Debt Service	69.82	102.72	99.19	106.32	378.04
Drainage Capital Program	1.75	1.20	2.70	5.15	10.80
Drainage Maintenance	7.20	5.40	6.90	5.90	25.40
Headquarters Operations	15.97	17.64	16.67	15.73	66.01
Maintenance Capital Program	5.46	6.12	4.25	4.25	20.08
Maintenance Operations	40.43	44.10	45.79	42.38	172.70
Pass Thru	8.08	8.09	8.10	8.05	32.32
Pavement Capital Program	47.73	60.43	67.72	61.38	237.25
Pavement Maintenance	6.74	7.16	7.18	7.20	28.28
Planning - Program Development	17.30	15.83	17.30	17.21	67.64
Toll Operations	1.90	2.20	2.20	2.20	8.50
Traffic Maintenance	7.69	6.30	6.25	6.30	26.54
Traffic Safety Capital Program	27.56	20.19	22.28	29.06	99.09
Transit Capital Program - RIDOT	21.72	34.35	15.69	11.79	83.55
Transit Operations - RIDOT	8.13	8.24	8.36	8.47	33.20
Transportation Alternatives Program	18.92	18.89	5.95	16.50	60.26
Total RIDOT Expenditures	604.21	657.28	606.20	561.94	2,429.64



Collaborating to place construction on the careers radar.

RI Construction Career Days event slated for April 2019.



To support the pipeline that will provide the construction professionals of tomorrow, RI Construction Career Days events have become an invaluable way to introduce high school students to the possibilities in our industry. Teaming up with URI's Schmidt Labor Research Center, along with key construction trade organizations in the state, CIRI, RIDOT and the RI building trades are co-sponsoring the 2019 two-day event, which is slated to take place in April.

The activities at RI Construction Career Days show participating students what the industry is about firsthand. Through hands-on experience with construction equipment, and interaction with professionals from the transportation and construc-

tion industries, students learn about the skills and education needed for various career paths.

“As a whole, the construction industry has an older and rapidly aging workforce,” says Steve Cardi II, president of CIRI. “This event is a valuable program both for our member companies and the industry at large, to promote the career possibilities in our field.”

Over the years, individual RI Construction Career Days events have attracted as many as 1600 students and 35 exhibitors. For more information on the upcoming April event, educators and potential sponsors/exhibitors are invited to call or email:

Lori Jacolucci
lorijac@uri.edu
401.874.4970

CIRI safety program ramping up as winter approaches.

Diverse offering of free training/seminars again on the horizon.

For our 2018-2019 program, the CIRI Safety Committee has again compiled a variety of courses and seminars — which are free for employees of CIRI member companies. An increasingly popular perk that is included with CIRI membership, this annual program enables employees to expand their knowledge and certifications during the less-active winter season.

“Our Safety Committee does a tremendous job in the selection and planning of our courses for our training agenda,” says Steve Cardi, president of CIRI. “Hundreds of people have obtained and renewed crucial certifications to date, as they augment their skills to work more efficiently and more safely on a daily basis.

For scheduling details, contact:

Peter Robbins
probbins@d-ambra.com

Upcoming Training/Certifications & Seminars

Highway Work Zone Safety • Traffic Control Supervisor (3 days) • Traffic Control Trainee (1 day)	Excavation Competent Person Training <i>1-day course</i>
CPR / First Aid (2 days)	Crystalline Silica Training (4 hours)
Personal Protective Equipment (PPE) <i>1-day training session at Airgas facility</i>	OSHA 10-Hour Refresher (2 days) <i>for people already certified</i>
HAZWOPER Refresher Course (1 day)	

CIRI was key co-sponsor of annual Rhode Island Transportation Forum.

31st event was held at URI on October 26.

With the theme of “Transportation Infrastructure Durability and Sustainable System for Eternal Peace and Prosperity,” the annual Rhode Island Transportation Forum attracted a diverse international audience from construction-related industries, consulting firms, federal, state and municipal agencies, and academia. Speakers included David Fish, RIDOT Administrator of Project Management and Prof. William G. Buttlar, PhD, PE from the University of Missouri at Columbia, a recognized expert in flexible pavements. Discussion topics ranged from sustainable pavement design/reclamation and solar energy harvesting to disaster prevention/evacuation and strategies to reduce traffic congestion.

Again in 2018, CIRI was a top tier co-sponsor of the event — with a number of our member companies providing additional program and financial support. CIRI members were also honored with several recognitions, including:

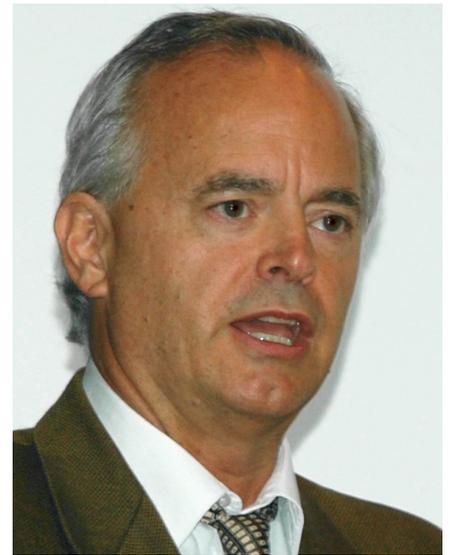
- CIRI President Stephen Cardi II, Recognition of Outstanding Contribution and Support
- Recognition of CIRI Henry J. Sherlock Memorial Scholarship Recipients

Hosted by the RI Transportation Research Center (RITRC), the one-day forum was created by URI’s Department of Civil & Environmental Engineering in 1992. For 26 years, the nationally-recognized RITRC has been conducting interdisciplinary studies related to intelligent transportation infrastructure/systems, in addition to research on intermodal transportation.

“CIRI has been extremely helpful, not only in providing funding and assistance for the forum, but also in providing on-site learning opportunities for our students through field trips and other events,” says URI Professor K. Wayne Lee, Ph.D., P.E., F. ASCE, who serves as director of the RITRC.



**URI Professor K. Wayne Lee
Ph.D., P.E., F. ASCE**



**David Fish
RIDOT Administrator of Project Management**



Speakers/presenters at the October 26 forum included (left to right) URI President David M. Dooley; RI Senator Jack Reed; David Fish, RIDOT administrator of project management; Randy Warden, FHWA assistant division administrator, Rhode Island Division; Prof. William G. Buttlar, PhD, PE, University of Missouri at Columbia; and Prof. K. Wayne Lee, Ph.D., P.E., F. ASCE, director of the RI Transportation Research Center (RITRC).

Safeguarding our industry is a continual challenge:

Contribute to the CIRI PAC today.

The CIRI Political Action Committee (PAC) advocates throughout the year to protect the interests of our industry and our state. This is particularly true during the Rhode Island General Assembly — when state legislature convenes to introduce scores of potential new laws and regulations. Many of them, if passed, will affect the operation and profitability of our industry in negative ways.

During the election season, the CIRI PAC also provides financial support to help elect candidates who understand and advocate for our industry and the RI economy.

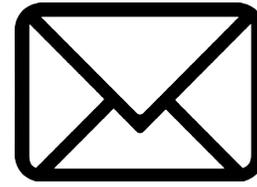
**The CIRI PAC needs your help:
Today is as good a day as any.**

Please consider a personal contribution today for any amount you feel is appropriate.* Your money will be put to good use to keep our message front and center with legislators at the RI State House. To support candidates who can have a positive effect on our industry and your business, contribute today.

Please mail contributions to:

CIRI Political Action Committee
615 Jefferson Boulevard, Suite 207
Warwick, RI 02886-1357

**NOTE: Rhode Island State Law prohibits the acceptance of any corporate or business checks for campaign contributions. Only personal checks are an acceptable form of contribution. Donations are not tax deductible and are limited to \$1,000.*



We really need email addresses.

Considering the cost and inefficiency of physical mailings, email is the way to go. But we still don't have email addresses for the overwhelming majority of our members. Even if you think we have yours already, please take a minute to email us at: exec@ciri.net

Welcome to our new members.

Liddell Brothers, Inc.
600 Industrial Drive
Halifax, MA 02338

Sinclair Risk & Financial Management
660 Roosevelt Avenue
Pawtucket, RI 02860

Dave Bauer named President and CEO of ARTBA.

Succeeds Pete Ruane who retired after record 30-year term.



The American Road & Transportation Builders Association (ARTBA) has named Dave Bauer as President and CEO, effective January 1, 2019. Bauer, who has addressed the CIRI membership on multiple occasions,

joined ARTBA in 1997. He currently serves as executive vice president of advocacy and heads up its government relations team.

After a rigorous search process, the ARTBA Board of Directors voted unanimously for Bauer to assume the lead role. The chair of the search committee, David Zachry, CEO of Texas-based Zachry Corporation, cited Bauer's encyclopedic knowledge of transportation policy issues, his non-partisan approach — and his strong relationships with ARTBA staff, membership and industry coalition partners.

Over the course of his 21 years at ARTBA, Bauer has played a key leadership role in the passage of four major federal highway and public transit investment laws: TEA-21 (1998), SAFETEA-LU (2005), MAP-21 (2012) and the FAST Act (2015).



CIRI

Construction Industries of Rhode Island

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Officers:

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Michael D. D'Ambra, 1st Vice President
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