



# CORRIDORS

## NEWSLETTER

### Ohio Chapter of American Public Works Association

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## Greetings from OAPWA President Fred Stovall



Happy 2017 to All Ohio APWA members.

This year I will fill the role as President for the Ohio Chapter. In this role I hope we can continue the productive educational and training opportunities for our members and our Public Works cohorts who are committed to maintaining and improving the quality of life throughout Ohio. I want to commend all of you for meeting the challenges, and doing the hard work that impacts the residents, visitors, and businesses that live, work and play in your communities. We are all aware that our work may go unnoticed every day, but it is critical to the safety, livability and economic development in our neighborhoods. This year I hope we can develop and implement ideas to showcase Public Works. We want to encourage more individuals to join us as public servants who make things happen even when there is not a lot of glory or accolades. We just *Git Er Done!!* For those who are reading this newsletter and are not members, I invite you to join your local APWA Branch; it's the place to share new ideas, learn best practices, and discover what new technologies and tools are available to make our jobs safer, easier and more efficient for providing high quality customer service, service deliveries and infrastructure projects.

Public Works is always ready to serve!!

Fred Stovall  
Director of Public Works  
City of Dayton

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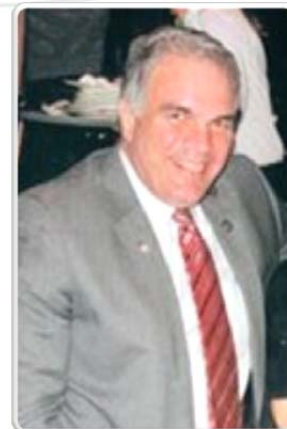
Northeast Ohio Public Works Expo  
May 24, 2017  
Summit County Fairgrounds

North American Snow Conference  
April 23-26, 2017  
Des Moines, IA

## Welcome New Members

The following people have recently become new members of APWA.

Mr. Eric G. Baxter, City of Trotwood  
 Mr. David S. Bienemann, City of Hamilton  
 Mr. Ryan Bollo, City of Columbus  
 Ms. Gina Brescilli, Strand Associates  
 Mr. Steve Caddell, City of Mason  
 Mr. Keith Cody, Evans Mechwart Hambleton & Tilton Inc  
 Mr. Mike Darnos, City of Lorain  
 Mr. Anthony Dolly, City of Akron  
 Mr. William Glenn, Evans Mechwart Hambleton & Tilton Inc  
 Mr. Steven J. Hartke, City of Mason  
 Mr. John K. Hyatt, City of Dublin  
 Mr. Robert Leichman, City of Trenton  
 Mr. Michael D. Leopold, City of Lorain  
 Mr. Dennis Lierer, Reily Township  
 Mr. Ryan Lowe, City of Columbus  
 Mr. Calvin L. Miller, Village of Woodmere  
 Mr. Richard L. Silva, City of Cleveland  
 Mr. Jim Spencer, City of Columbus



### In Memoriam

Darryl Crossman, age 64, former Ohio APWA Board member, passed away January 6 in Arizona. Darryl served as the Director of Public Services for Wickliffe, Ohio, for 28 years. Darryl then served as City Manager for Litchfield Park, Arizona, for over 12 years. He is survived by his wife, Jacque, three children and four grandchildren. We extend our condolences to his family, friends, and colleagues.



### How to Submit an Award Nomination

Submit your nominations on APWA National's website. Directions are available on the site and technical support is provided during normal business hours Monday-Friday. Contact Shelby Ingle at 937.477.4528 or via e-mail at [sringle@cmtengr.com](mailto:sringle@cmtengr.com). Awards Committee Chair, if you have any questions.

## APWA Award Submission Deadlines:

March 1, 2017 award application deadline for:

- Top Ten Public Works Leaders of the Year
- Public Works Project of the Year
- Public Works Project of the Year for Small Cities/Rural Communities
- Exceptional Performance Awards (6 categories)
- Management or Technical Innovation Award
- Environmental Excellence Award
- Professional Manager of the Year Award
- Young Leader Award

Information on these and other awards available at [http://www.apwa.net/Library/about/awards/2017/17PWX\\_AwardsProgram.pdf](http://www.apwa.net/Library/about/awards/2017/17PWX_AwardsProgram.pdf)

## Applications Open for 2017 Leading Fleets Award



The Leading Fleets award, open to government fleets, recognizes operations that are performing at a high level in fleet innovation and leadership. The award is sponsored by Ford Motor Company, and applications are due **March 3**.

Government Fleet magazine and the American Public Works Association will name 50 Leading Fleets, with the top 20 being ranked.

Additionally, there will be winners for No. 1 overall fleet, No. 1 small fleet (499 or fewer assets), No. 1 mid-size fleet (500-999 assets), and No. 1 large fleet (1,000 or more assets).

Last year, 28 of the Top 50 Leading Fleets were agencies with APWA members. APWA is looking forward to an equally impressive representation again this year.

For more information read the [Full article](#)

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## New Event Calendar

You asked for it and we added it. Our Chapter web site now includes a Calendar with seminars, conferences, and workshops throughout the State of Ohio. Clicking on the event will add it to the calendar on your own device. The Calendar is updated with new events as information becomes available. We hope this feature helps you track all of the training opportunities available to you.

## Scholarships Available

The Ohio Chapter of APWA plans to award \$7,000 in college scholarships this year.

### *APWA Ohio Graduate Student Scholarship*

The purpose of this scholarship is to provide financial assistance to worthy individuals who are seeking a Graduate Degree in Civil Engineering or Public Administration (or a closely related degree) which will be applicable to performance in the Public Administration/Public Works fields. We intend to award two graduate scholarships for the 2017-2018 school year in the amount of one-thousand dollars (\$1,000.00) each. More information and the application form are available at [ohio.apwa.net](http://ohio.apwa.net). If you have any questions, contact: Sonja Simpson, Tel: 740.323.5202, or [Sonja.Simpson@dot.ohio.gov](mailto:Sonja.Simpson@dot.ohio.gov). **Deadline to apply is Feb 24, 2017.**

### *APWA Ohio Undergraduate Student Scholarship*

The purpose of this scholarship is to provide financial assistance to worthy young men and women who are seeking a Civil Engineering Bachelor's Degree which will be applicable to performance in the Public Works field. The APWA Ohio Chapter intends to award two undergraduate scholarships for 2017-2018 in the amount of one thousand five hundred dollars (\$1,500.00) each. More information and the application form are available at [ohio.apwa.net](http://ohio.apwa.net). If you have any questions, contact: Joseph R. Tucker, P.E, Tel: 740.373.5495, or [joetucker@mariettaoh.net](mailto:joetucker@mariettaoh.net). **Deadline to apply is March 6, 2017.**

### *APWA Ohio Family Scholarships*

The Family Scholarships are for undergraduate students who will enter their freshman through senior year in the next school year. Scholarships will be awarded to the students who best demonstrate the values held high by APWA:

- Character and Integrity
- Academic Excellence
- Service to the Community
- Leadership

Application forms will be available beginning March 1 on our website at [ohio.apwa.net](http://ohio.apwa.net). For more information, contact Tom Brankamp, PE, at [tom.brankamp@strand.com](mailto:tom.brankamp@strand.com) or 513.861.5600. **Deadline to apply is May 1, 2017.**

## FHWA Updates for Greater Roadway Design Flexibility

By Elizabeth Hilton, Geometric Design Engineer, FHWA Office of Infrastructure  
 Reprinted from FHWA's *Fostering Livable Communities Newsletter* - January 2017

Today more than ever, communities expect practitioners to deliver multimodal projects that take environmental and social impacts into account. Transportation professionals must also consider the economic aspects of their designs in the face of constrained transportation funding. Rather than simply following standards from a book, practitioners are developing unique solutions to address the specific circumstances of each project and achieve the best overall results, while also maximizing the return on investment. Flexibility is crucial in developing solutions that provide a connected network of both motorized and non-motorized transportation infrastructure that enhances access to jobs, schools, and essential services in a cost-effective manner.

The Federal Highway Administration (FHWA) has been placing a greater emphasis on flexible street design policies so that design professionals can develop projects that address evolving transportation needs, promote livability, and provide benefits to communities. FHWA recently revised a key aspect of its design policy—the controlling criteria—making it easier for practitioners to develop designs that meet community needs.

**Table 1: Controlling Criteria for the National Highway System Before and After 2016 revisions.**

13 Controlling Criteria Before Revision	10 Controlling Criteria After Revision
<i>Applies to all NHS roadways</i>	<i>Applies to NHS freeways &amp; roadways <math>\geq</math> 50 mph</i>
1. Design speed	1. Design speed*
2. Lane width	2. Lane width
3. Shoulder width	3. Shoulder width
4. Bridge width	
5. Horizontal alignment	4. Horizontal curve radius
6. Superelevation rate	5. Superelevation rate
7. Vertical alignment	
8. Grade	6. Maximum grade
9. Stopping sight distance	7. Stopping sight distance
10. Cross slope	8. Cross slope
11. Vertical clearance	9. Vertical clearance
12. Horizontal Clearance	
13. Design loading structural capacity	10. Design loading structural capacity*
	* <i>Applies to all NHS roadways</i>

FHWA regulations adopt geometric design standards for projects on the National Highway System (NHS). The standards are comprehensive, covering a broad range of design characteristics, while allowing for flexibility in their application. Since 1985, FHWA has emphasized a subset of the design criteria contained in adopted

## FHWA Updates for Greater Roadway Design Flexibility (cont'd)

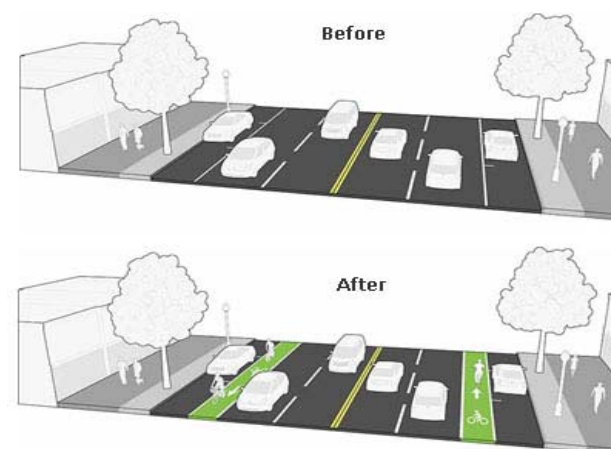
standards by designating them as controlling criteria. Design exceptions are required when any of the controlling criteria are not met. In 1985, 13 controlling criteria were set forth, all of which were applicable to projects on the NHS regardless of roadway type, surrounding land use, or other context. The applicability of the controlling criteria was expanded in 2012 when additional urban roadways were added to the NHS under the Moving Ahead for Progress in the 21st Century Act (MAP-21).

More recently, FHWA finalized policy changes to revise the list of controlling criteria and introduce context into the application of those criteria. Proposed changes were published in the Federal Register in October 2015 to give stakeholders an opportunity to comment on the proposed policy changes. FHWA received over 2,300 comments and published a final notice to implement the policy change on May 5, 2016. Three criteria were dropped from the list of 13, and most of the remaining criteria will only be considered as controlling for high-speed roadways (freeways and roads with a design speed greater than or equal to 50 mph). Only two controlling criteria remain for all NHS roadways (non-freeway) with a design speed of less than 50 mph: design speed and design loading structural capacity. The [memorandum on revisions to the controlling criteria](#) outlines the new policy. When the controlling criteria cannot be met, design exceptions are still available as a tool that practitioners can use to help them provide the best overall design.

The significant reduction in the number of controlling criteria applicable to roadways with lower speeds will give practitioners the flexibility they need to design solutions that address project goals in a way that is more compatible with the community. For example, practitioners will have more flexibility to narrow vehicular lanes without needing Federal approval to do so.

FHWA also issued a [clarifying memorandum with regard to Level of Service \(LOS\)](#), a qualitative measure that reflects the relative ease of traffic flow on a roadway. While recommended LOS targets are included in the adopted design standards, LOS is not a controlling criterion. The memorandum clarifies that FHWA does not have regulations or policies that require specific minimum LOS values for projects on the NHS.

These changes represent a significant step in supporting FHWA's partners and stakeholders as they work to implement projects that result in better and more sustainable outcomes, such as improved connectivity and mobility for people of all ages and abilities; enhanced safety; and increased equity.



**Figure 1: Roadway Reconfiguration:** These illustrations show before and after cross sections of an urban street where narrowed lanes provide space for bike lanes. The recent revision to the controlling criteria enables engineers to make such decisions without requiring approval for a design exception from FHWA. (Image courtesy of Toole Design Group)

## Calendar of Upcoming Events

February 1	Ohio Asphalt Paving Conference, Columbus <a href="http://www.flexiblepavements.org/calendar">http://www.flexiblepavements.org/calendar</a>
February 2	2017 Tri-State Green Industry Conference, Sharonville <a href="http://ohio.apwa.net/EventDetails/10706">http://ohio.apwa.net/EventDetails/10706</a>
Feb 9-10	Certified Stormwater Inspector - MS4 Training, Columbus <a href="http://www.NPDES.com">www.NPDES.com</a>
Feb 9-10	Concrete Futures Winter Meeting 2017, Columbus <a href="http://www.ohioconcrete.org/">http://www.ohioconcrete.org/</a>
February 10	Ohio Pesticide Commercial Applicator Recertification Conf., Dayton <a href="http://pested.osu.edu/events/">http://pested.osu.edu/events/</a>
February 15	Ohio Pesticide Commercial Applicator Recertification Conf., Akron <a href="http://pested.osu.edu/events/">http://pested.osu.edu/events/</a>
Feb 19-25	National Engineers Week <a href="http://www.discovere.org/our-programs/engineers-week">http://www.discovere.org/our-programs/engineers-week</a>
February 28	Ohio Pesticide Commercial Applicator Recertification Conf., Columbus <a href="http://pested.osu.edu/events/">http://pested.osu.edu/events/</a>
March 7-8	CEAO 2017 Storm Water Management & Drainage Conference, Columbus <a href="http://www.ceao.org/">http://www.ceao.org/</a>
March 9	One Water Government and Regulatory Affairs Workshop, Columbus <a href="http://www.ohiowea.org/">http://www.ohiowea.org/</a>
March 10	Central Ohio Stormwater & Erosion Control Expo, Columbus <a href="http://ohio.apwa.net/EventDetails/11148">http://ohio.apwa.net/EventDetails/11148</a>
March 14-15	Ohio Asphalt Expo, Columbus <a href="http://www.flexiblepavements.org/calendar">http://www.flexiblepavements.org/calendar</a>
March 14-17	NTEA Work Truck Show, Indianapolis <a href="http://www.ntea.com/worktruckshow/">http://www.ntea.com/worktruckshow/</a>
April 9-13	National Association of County Engineers (NACE), Cincinnati <a href="http://www.nace.org/2017-annual-conference">2017 Annual Conference</a>
April 23-26	2017 North American Snow Conference, Des Moines IA <a href="http://www.apwa.net/SNOW/Home/SNOW/">http://www.apwa.net/SNOW/Home/SNOW/</a>
April 26-27	CEAO Bridge Conference & Trade Show, Mt. Sterling <a href="http://associationdatabase.com/aws/CEAO/pt/sp/conferences">http://associationdatabase.com/aws/CEAO/pt/sp/conferences</a>
May 5-9	23rd International Trails Symposium, Dayton <a href="http://americantrails.org/ee/index.php/symposium/2017">http://americantrails.org/ee/index.php/symposium/2017</a>
May 10-12	Ohio Stormwater Conference, Sandusky <a href="http://www.ohstormwaterconference.com/">http://www.ohstormwaterconference.com/</a>
May 15-19	National Infrastructure Week <a href="http://infrastructureweek.org/">http://infrastructureweek.org/</a>
May 17-18	Ohio Public Fleet Summit, Dublin <a href="http://www.publicfleetsummits.com/Public-Agency-Registration.asp">http://www.publicfleetsummits.com/Public-Agency-Registration.asp</a>
May 18	NORTHEAST OHIO PUBLIC WORKS EXPO, Summit County <a href="http://ohio.apwa.net/EventDetails/11087">http://ohio.apwa.net/EventDetails/11087</a>
May 21-27	National Public Works Week <a href="http://www.apwa.net/MYAPWA/Events/National_Public_Works_Week/">http://www.apwa.net/MYAPWA/Events/National_Public_Works_Week/</a>

### Legislative Update: Ethics Education Requirement Passes Ohio Legislature

Ohio House Bill 236, sponsored by Representative Louis W. Blessing, III, P.E. (R-29) and Representative Al Landis (R-98) passed the House and Senate unanimously in the final days of the 2016 legislative session. This bill requires Ohio engineer and surveying registrants to obtain two CPD hours per renewal cycle (1 hour per year) related to ethics or rules/standards. This will take effect beginning January, 2018, and the first renewal requiring this education will be December 31, 2019. The text of the legislation, as passed unanimously by the House and Senate, is below with the changes underlined.

#### O.R.C. Section 4733.151.

(C)(2) Beginning with registrations expiring on or after the last day of December 2017, a person registered as a professional engineer or professional surveyor shall complete at least two of the thirty hours required under division (A) of this section on professional ethics or rules relevant to the practices of engineering or surveying.

(D) A registrant is exempt from the continuing professional development requirements of this section during the first calendar year of registration.

(E)(1) A registrant who completes more than thirty hours of approved coursework or activities in a biennial renewal period may carry forward to the next biennial renewal period a maximum of fifteen of the excess hours. (2) A person registered as a professional engineer or professional surveyor may carry forward up to two hours on professional ethics or rules earned in excess of the requirement under division (C)(2) of this section as part of the fifteen hour maximum.