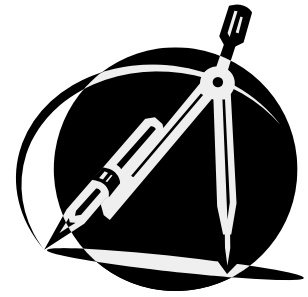


# The Compass



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## From the Desk of Bill Viox

The American Recovery and Reinvestment Act (ARRA) is beginning to make an impact on communities across the country. Infrastructure projects funded by ARRA are now in construction. Many other ARRA projects are now in the design phase. Planned construction for these projects will begin early next year. As of this writing, Kentucky plans to use \$421 million on roads and bridges and another \$71 million on water and sewer lines. Ohio plans to use \$774 million on transportation and \$28 million on civil works projects.

You can review the Kentucky plan at <http://kentuckyatwork.ky.gov>. Ohio information can be reviewed at <http://recovery.ohio.gov>. It is estimated that the ARRA funding will be invested in Kentucky over the next 28 months.

Viox & Viox is proud to be a part of the federal stimulus (ARRA) as project design consultants. The deadlines for these projects have

been very challenging. Many on our staff have worked into the night hours to meet these strict deadlines. However, these projects have been interesting and enjoyable (See "Sanitation District Uses Stimulus Money to Fund Local Projects" on Page 2). We have also been pleased to work closely with many of our allied professionals.

Kentucky also has another \$400 million in state funds for road and bridge projects, some of which will be allotted to our region. We look forward to assisting on some of those projects.

Congratulations to our friends at R.E. Hayes and Associates for winning a 2009 AIA Kentucky Honor Award for the Twenhofel Middle School project (See "R.E. Hayes & Associates Receive State Award" on Page 3).

On a more serious note, our friend Keith Henry, a dedicated Drees employee for 13 years and an Erlanger Coun-

cilman for 11 years, is currently battling an aggressive form of cancer. We wish Keith the best as he focuses on getting well and will keep he and his family in our thoughts and prayers.

Those wishing to support Keith and his family with their mounting medical bills may wish to attend a Fundraiser at the Erlanger Lions Club on Saturday, August 22nd at 6:00 p.m. The evening will include music, raffles, and food and drinks. Those attending are asked to bring a \$10.00 donation and a snack/appetizer to share. For more information contact JoAnne Clark at 513-351-6263. If you cannot attend the event, donations can be made at any Fifth/Third Bank branch under the account name: "Friends of Keith and Dee Henry".



Keith and Dee Henry

## Viox & Viox Finalist for Family Business of the Decade

Viox & Viox is thrilled to be named a finalist for the "Family Business of the Decade" Award sponsored by the Goering Center for Family and Private Business. The "Decade Award" winners and "Family Business of the Decade" award will be announced at a reception on August 25, 2009 at Cincinnati's Music Hall.

In 2007, Viox & Viox was named as a finalist for the

"Community Service" award given by the Goering Center.

The Goering Center provides classes, seminars, and various support to the owners of local family businesses. Members of Viox & Viox have attended the Center's "Next Generation Institute", and have attended a variety of seminars relating to the issues and challenges of running a family business.



Bill Viox receives the Goering Center "Community Service Finalist" Award in 2007.

## Sanitation District Uses Stimulus Money to Fund Local Projects

Kentucky's Sanitation District No. 1 is making quick use of federal stimulus money to tackle two very important local projects. The staff at Viox & Viox are excited to be the District's lead consultant on these two unique jobs.

The **Banklick Creek Regional Wetlands Project** involves the construction of a 6-acre wetland site designed to receive and

treat dry weather creek flow from the Banklick Creek. The site is located upstream of creek reaches that are used for recreational purposes. Low flows would be diverted from the creek into the proposed wetland. The wetland would effectively treat the dry weather creek flow by natural processes and return the treated flow to the creek, reducing in-stream bacteria

concentrations and improving water quality.

In addition to public health protection and improvement in water quality, the Banklick wetland project would help restore wetland habitat conditions along Banklick Creek and provide educational opportunities.

The Banklick Creek project is located approximately 650 feet from 3L

Highway (KY 17), approximately 0.6 miles south of the I-275 interchange.

The second project is the **I-71/75 Regional Bioretention Project**.

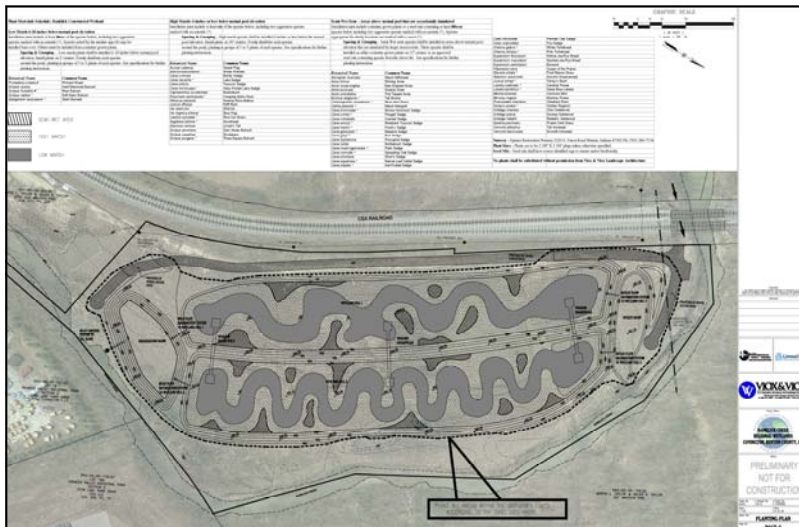
This project involves the construction of an approximate 1.5-acre bioretention facility designed to receive and detain storm water runoff from small storm events from an approximate 110 acre watershed.

The site is located on the southeast side of I-71/75, approximately 2.5 miles south of the Ohio River. The site

is within the District's Willow Run combined sewer overflow (CSO) basin. An existing detention basin, owned by the Kentucky Transportation Cabinet, will be retrofitted as a regional bioretention facility to improve water quality and reduce the amount of storm water runoff currently flowing to the combined sewer system by infiltration, evapotranspiration, and soil moisture retention. The facility will include specifically selected plants, engineered soil mix, and gravel storage layer. The goal of the facility is to eliminate 80% of the total runoff from a 3-month storm event.

In conjunction with the bioretention facility, improvements may be made to several adjacent sites to complement the effects of the bioretention facility. An approximate 2 acre terrace owned by the City of Ft. Wright, located above the KYTC basin, will be reclaimed as a natural area to treat runoff and provide habitat, as well as provide the potential for passive recreation for City residents. Minor infrastructure improvements may also be made in the upstream drainage basin to divert flow to the basin.

Both projects are scheduled to bid in November 2009. The Banklick Creek Project has an estimated construction cost of \$740,000, while the Bioretention estimate is \$2.2 million.



**Top:** Banklick Constructed Wetland Planting Plan. Shaded areas delineates low marsh, high marsh, and semi-wet areas. **Bottom:** Concept Plan of I-71/75 Regional Bioretention Project

## Employee Happenings

### Viox & Viox Employment Anniversaries

The following employees are celebrating employment anniversaries this summer:

**2 years**

**Andie White** (8/28/07)

**4 years**

**Jason Thorwarth** (6/6/05)

**9 years**

**Caroline Weltzer** (7/7/00)

**11 years**

**Greg Larison** (8/12/98)

**12 years**

**Chris Boots** (8/29/97)

**13 years**

**Ricky Faulkner** (8/13/96)

**19 years**

**Christian Craddock** (6/1/90)

**22 years**

**Jimmy Viox** (6/1/87)

**29 years**

**Vince Kahmann** (8/18/80)

**35 years**

**Dean Tanner** (6/5/74)

### Summer Birthdays

**Carter Dickerson** - June 4

**Tim McNeely** - June 4

**Greg Larison** - July 24

**Michael Miller** - August 30

### Announcements

- Congratulations to **Bill and Linda Viox** on the birth of their twin grandchildren, **Violet Hope** and **Isaac James McGlasson** on May 15th. Violet and Isaac are the children of Matt and Margaux McGlasson.
- Congratulations to **Kenny and Missy Courts** on the birth of their son, **Elijah Steven**, on June 22nd.



**Top:** Isaac James and Violet Hope McGlasson **Bottom:** Elijah Steven Courts

## R.E. Hayes & Associates Receive State Award

Recently, our friends at R.E. Hayes & Associates were notified that they were the recipients of the 2009 AIA Kentucky Honor Award for their work on Twenhofel Middle School in Independence. The staff at R.E. Hayes continue to be leaders and innovators in environmentally friendly and sustainable designs. The positive results of their educational facility designs, including Twenhofel Middle, are obvious to thousands of local students across the Northern Kentucky region who have benefitted from attending one of the many Hayes-designed schools.

When given the task of designing a new facility to replace the aging Twenhofel Middle School, the staff at Hayes' had a goal of creating a High Performance Building that provided an enhanced learning environment, while also reducing the total operating costs over a 30-year life span.

Twenhofel Middle School is the first Silver LEED Certified K-12 School in the Commonwealth of Kentucky

and has also received the Energy Star label for two consecutive years. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System was developed by the U.S. Green Building Council (USGBC) and provides a rating system for environmentally sustainable construction.

Some of the unique LEED-based design elements include: **Daylighting** - 70% of the time all classrooms are lit solely by natural daylight, reducing energy costs; **Rainwater Harvesting** - Storm water is collected from the roof and stored in an underground tank, reducing potable water consumption by 30%; **Vital Signs System** - Energy saving features can be viewed by the students on a touch screen plasma monitor in the lobby. Clear ceiling tiles in science classrooms allow for viewing

mechanical systems; **Solar Photovoltaic System** - Solar system on roof supplies enough power to supply lighting, computers, HVAC systems, etc. in six science rooms; **Geothermal HVAC System** - Reduces energy consumption at the school by at least 30%.

The staff at R.E. Hayes & Associates will receive their award at the 2009 AIA Ohio Valley Region Convention's Honor Awards Banquet on October 2. For more information about this project or other energy-saving building solutions, contact R.E. Hayes & Associates at 859-331-3121.



**Top:** Twenhofel Middle School in Independence, KY **Bottom:** Daylighting feature in classrooms allows for more natural light and reduces energy costs.



466 Erlanger Road  
Erlanger, KY 41018

Phone: 859.727.3293  
Fax: 859.727.8452

We're on the Web!  
[www.vioxinc.com](http://www.vioxinc.com)

#### Important Dates and Upcoming Events:

- **Sept. 7** - Labor Day  
(office is closed)
- **Sept. 14** - NKSPE Golf  
Outing at Triple Crown
- **Oct. 12** - Columbus  
Day
- **Oct. 31** - Halloween
- **Nov. 3** - Election Day
- **Nov. 11** - Veteran's  
Day
- **Nov. 26 & 27** -  
Thanksgiving Holiday  
(office is closed)

Viox & Viox began providing engineering and surveying services to Northern Kentucky in 1945. The firm, originally founded by James H. Viox, Jr., P.E., L.S. and George Rassenfoss, P.E., is now owned by Mr. Viox's two sons, James H. Viox, III, P.E., P.L.S. and William R. Viox, P.E., P.L.S.

Viox & Viox has grown and expanded their services over the years and currently employs approximately 25 employees. Viox & Viox currently offers services in municipal engineering, commercial, industrial and residential planning, public utilities, surveying, Global Positioning Systems (GPS), and landscape architecture.

#### Mission

To provide exceptional consulting services while creating an enjoyable atmosphere for our team members.

#### Values

- Deliver outstanding customer service for both existing clients and prospective clients
- Communicate effectively
- Act with honesty and integrity
- Trust and respect each other
- Seek continuous improvement
- Passion for results
- Value feedback from both customers and employees
- Work as a team, interact as a family
- Have fun

#### Strategies

- We will maintain strong relationships with existing clients
- We will provide service to all clients beyond their expectations
- We will increasingly focus on new markets and clients
- We will respect our employees
- We will regard our sub-consultants and vendors as strategic partners
- We will seek to find collaborative relationships with clients, vendors, sub-consultants
- We will continue to pursue all opportunities for growth that are consistent with our vision, mission and values
- We will seek to increase profit margins without decreasing client satisfaction or employee morale

*Creating innovative pathways through progressive design...one client at a time.*