

HRC Newsletter

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HUBBELL, ROTH & CLARK, INC
CONSULTING ENGINEERS SINCE 1915

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Celebratory ribbon cutting for our eighth HRC office located in Jackson

A Word from our President

Happy Holidays!



As 2017 comes to a close and we begin to prepare for everything that 2018 will bring, let us give "thanks." The lead topic around HRC is undoubtedly the continued renovation of

our main office. **Thank you** all for your continued hard work, dedication and patience during these efforts. The board understands it is not easy, but firmly believes it will all be worth it in the end.

Our building was constructed in 1971 and was expanded in 1993. Approximately two years ago, the board decided to move forward with the current project. The services of Neumann/Smith Architecture of Southfield and D&S Contractors of Berkley were contracted. The project was planned to be completed through a series of phases, where approximately one-third of each floor would constitute a phase. Although we stuck with this plan through the first floor, we now plan to complete the entire second floor in one phase beginning in January 2018.

The renovation included input from many employees. There was even a survey distributed to allow people to weigh-in on the project. However, several individuals including Roland Alix, Jamie Burton, Chuck Hart, Donna Martin and Adrianna Melchior deserve special recognition. **Thank you** so much for all you've done.

At the time of this writing, I'd like to "welcome back" our road and traffic groups and extend a "see you soon" to our upstairs civil, asset management and survey groups, that will be the first to temporarily relocate across the street. By the time of this newsletter publication, the rest of the upstairs will have also moved over. **Thank you** in advance for sandwiching yourselves into the temporary arrangements, while continuing to provide the excellent services to our clientele that they've come to expect from HRC.

Of course these moves aren't completed by the moving fairies overnight. **Thank you** to our field personnel, headed by Cliff Thompson, for your tireless efforts. Also, keep in mind that before any of the furniture, equipment, boxes, etc. are moved, our IS department has already made arrangements to facilitate our computers.

Speaking of our IS department, with the change in seasons, flu-shots, and return of kids to school, I think we have all become accustomed to the cold and flu season. However, I am not familiar with the rash of new computer viruses we are being faced with each year. It has been rumored that some of these may come from as far away as Russia, China and the Middle East, so I'm sure the continued monitoring, protecting and cleansing process is no easy task. **Thank you** all for your diligent and relentless efforts to protect our system from these infections.

And last, but by no means least, **thank you** to all of our wonderful clients! Without you, our efforts to maintain HRC's position as the "Best Engineering Firm in the World," wouldn't be possible. Alright, I'll admit that this ranking is based on a poll of limited sample size and totally biased views, but it is hard to argue with the conclusion.

On behalf of the board, we wish you all the happiest of holidays and a blessed New Year! Thank you all.

*Daniel W. Mitchell, P.E.
President*

Congrats on your retirement Kim Chapman and Marv Olane

Electricity 101

- Ohm's Law – $V=IR$; states that the current through a conductor between two points is directly proportional to the voltage across the two points.
- Current – The movement of electrons in a conductor measured in Amperes.
- Resistance – The opposition to current flow, expressed in ohms.
- Volt – A unit of electromotive force. The electrical potential needed to produce one ampere of current with a resistance of one ohm.

Kim Chapman (29 years) and Marv Olane (45 years) have kept the current of our high voltage electrical department flowing for many years; exceeding the resistance and meeting the power requirements for a vast number of projects. Trying to quantify and/or summarize the work that these two valued employees provided this company is simply not possible within the confines of a newsletter. As a result, this article will focus on simply saying “Thank You” and sharing a little insight into their lives.

Kim was born in October 1951 in Mt. Vernon, and grew up in Sesser, a small (pop. 1,800) coal-mining and farming town in Southern Illinois. Kim grew



up speaking Appalachian (and a smattering of German, Polish and Italian), and says he spent years losing that accent. When he graduated high school, Illinois Senator Dirksen

offered him a congressional appointment to West Point, which he considered long and hard but eventually turned down for a number of reasons. He instead went to study mechanical engineering at the University of Illinois (U of I) in Urbana-Champaign.

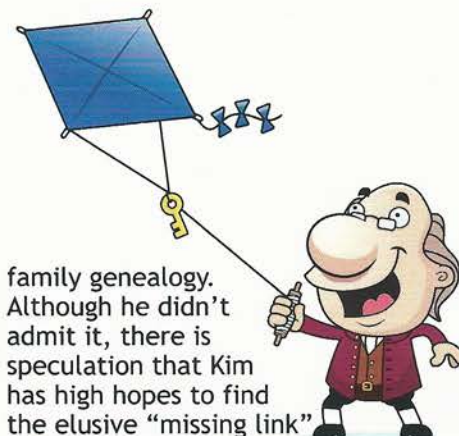
Kim's work experience before his time at HRC included: a staff engineer for Black & Veatch in Missouri; design engineer and eventually director of

engineering services at Vulcan Labs Div., Clow Corporation in Pontiac (which led him to Michigan); and a senior application engineer with Concourse Controls, which ultimately led him to do work with HRC.

A couple of interesting facts about Kim. He is quite the vocalist and has sung with the Oratorio Society and also has had the pleasure to sing for conductor Robert Shaw in a recorded production of the Missa Solemnis by Beethoven. As a result of his singing talents and growing up in the Chicago area (or perhaps as luck would have it), Kim has had the privilege of meeting the band REO Speedwagon (a local group at the time) and John Belushi (before Saturday Night Live). Although the meetings are portrayed as simply a brief “nice to meet you” followed by a handshake, there are rumors that Kim was actually the inspiration for several of Mr. Belushi's characters, including Jake in the Blues Brothers and Bluto in Animal House.

Kim has worked on a vast array of projects during his time at HRC. In fact, if the project had anything to do with instrumentation and control (I&C), then there is a high probability that Kim had a hand in it. This would include wastewater treatment plants, stormwater facilities, water facilities, combined sewer facilities, and more. Once again the list is very long and impressive!

Kim currently lives in Rochester Hills with his wife, Barbara. They have three children (Nate, Maya and Graeme) and two grandchildren. At his retirement luncheon Kim talked about his plans for retirement that included traveling with Barb and a higher dedication to his research in



family genealogy. Although he didn't admit it, there is speculation that Kim has high hopes to find the elusive “missing link” that connects him to Ben Franklin and/or Thomas Edison.

Marv hired into HRC as a co-op student from Wayne State University in 1970. He began his career as a draftsman, although he acknowledges he was not exactly going to win any



awards for his lettering skills. Marv still remembers the painful calluses he developed while drafting for hours each day. The next step beyond the

table was shop drawings. Marv claims that in those days there really wasn't the helpful hand of Sharron around, so you had to directly redline all the copies. Eventually Marv worked his way up the corporate ladder and was named head of the electrical department in July 1999, and shortly thereafter in January 2000, he became an associate of the firm.

Marv and his wife, Ann, have been married 44 years and have one daughter, Tracy, who is married and lives in Minnesota, where she works for the Mayo Clinic. For his retirement, Ann apparently has compiled quite the “honey-do list” for Marv, which involves him fixing up and selling their current quad-level home in Bloomfield Township. They currently have no plans to relocate far from the area; but they would prefer to downsize and trade in all those cursed stairs for a nice ranch-style home. Just speculating here, but was this extensive list used by

Roland to entice Marv into another year as a contract employee with HRC perhaps?

Beyond leading HRC's electrical department, Marv has served as our in-house electrical repairman. He is an electronics wizard. Marv will take your broken radios, televisions, and record players; place them into one of his many workshops; and eventually fix it up and return it to you in working order. Admittedly, Marv was never a good estimator on the time it takes to make the repair, but the price and the expertise were always right.



Marv gets quite nostalgic when he describes his prize 1942 Philco console radio and record player with beam of light technology. For you younger employees, music used to be recorded on vinyl discs called records. The discs came in various sizes pending the speed (revolutions per minute or rpm) and number of songs recorded (Google this if you seek more information.) This particular player has a cabinet that is a work of art, an innovative automatic record changer, was only manufactured for two years, and is able to play 78's and extremely rare 39's (apparently there were more than three speeds of 33, 45 and 78). In keeping with his love of electronics, Marv loves music from virtually every decade. The big band sound and even polkas can be heard throughout his house. Marv claims that if his Philco didn't continually break down, he would have been the one selling headphones to Apple and not Dr. Dre.

In addition to tinkering with electronics, Marv's other hobbies include bowling and golf. He claims his golf game has not quite been up to par to regularly play in the HRC league at Fieldstone, but he did play in the league when it was at Bald Mountain and Bogey Lake. He also played in other leagues at Normandy Oaks and Sunnybrook golf courses and currently plays at Maple Lane Golf Course. He

offered the insightful note that all of the golf courses he's played are now closed and indicated that any conclusion drawn from this fact is merely coincidental. 😊 Bowling, however, is another story. Marv has consistently maintained an average in the 170s and continues to bowl with many other former HRC employees, including Larry Ancypa, Dave Love, Dave McNaughton and Dave Chopp. Quite an accomplishment when you consider the change to synthetic lanes and the reduced weight of his current ball to 14 lbs., from his previous 16 lb. ball (not sure of the validity of all this, but Marv was very specific in describing it when he indicated that at his peak his average was in the 180s).

With 45 years of service, there are many things that Marv recollects with pride. Besides design, Marv loves to go out into the field, troubleshoot problems and resolve issues. Helping our clients work out these challenges brings him great satisfaction. Although technology has changed tremendously during his tenure, Marv has stayed abreast of the changes and incorporated them into new projects. Like Kim, he has had a hand in nearly every project HRC has completed involving power, instrumentation and control, and there is simply no way to begin to recognize all the various items of work completed in his career.

HRC Family

When asked to reflect on their careers, in typical fashion of a long-time HRC employee, both of them talked about the people. This not only included the HRC family of employees, but also our many clients, contractors, suppliers, and manufacturers. Specifically, they acknowledged previous fellow electrical department staff, including Tom Rhadigan, George Roth, Orlyn Lewis, Dave Waring, Dave Kelley, Mike Kennedy, Linda Collins and Walt Lundak. Other HRC staff who they noted included Jim Hubbell, Dave McPhee, Dave Brody, Arnie Luallen, Jerry Knapp, Dennis Monsere and Ken Melchior.

As a result of Marv and Kim's retirements, it appears that HRC's electrical department may experience some type of blackout or

brownout in 2018. However under the leadership of Jane Graham and Roland Alix, the department has been rewired with skilled professionals and now consists of: Gary Yaroscz, Ray Waters, Michael Roskelley, Jeff Rubarth, Becky Hetchler, Tina Lehmann and, as mentioned previously, Marv will continue to provide services as a contract employee.

Thank you Marv and Kim for your many years of service at HRC and we wish you the best in retirement!

Dan Mitchell



Awards & Recognitions

TOP
WORK
PLACES
2017

Detroit Free Press
FREE OF THE MICHIGAN NETWORK

No Surprises Here!

HRC was recently ranked a Top Workplace by the Detroit Free Press based on survey results provided by our outstanding employees!

HRC placed #8 in a field of 55 finalists and was at the top of the list among other mid-sized competitor A/E/C firms across the state.

2017 ENR Top 500

Moving Up Nationally

Hubbell, Roth & Clark, Inc. is ranked #392 by ENR Top 500 firms nationally. This is up from #436 in 2016! Way to go team!



Andy Malczewski

Andy Malczewski graduated from Michigan State University in the spring of 1996. His first job after graduation involved construction of in-ground swimming pools.

Soon after, Andy joined the civil engineering department at HRC on October 2, 1997. Over his 20-year career in the civil department, he has worked under the direction of Jon Booth, and later Nancy Faught and Chuck Hart. Currently, he works as a designer in the HRC Howell office.

His reasons for staying are: that HRC is a fun place to work where they treat their employees fairly and allow for a good work-life balance. He also noted that he has built many great friendships over the years and considers his bosses as his friends.

Outside of work, Andy enjoys golfing, water skiing and spending time with his family. Andy and his wife, Diana, have been married for 13 years (14 in February). They have two children, a son, Tyler (9) and a daughter, Avri (7).

Andy and his family enjoy vacationing anywhere.

Over the last 20 years, Andy has had many fond memories, including all of the HRC Fall Classic golf outings, golf/dart/softball leagues and the poker games. Even the late work nights, though not always fun; always ended up being a great team-building experience and usually involved some good laughs. Most of all, Andy has thoroughly enjoyed being able to secure the coveted championship golf belt from Dan Mitchell's grasp for the last seven years!

Congratulations, Andy on the last 20 years and cheers to 20 more!

- Andrea Pike

20
YEARS



Dave Hebert

Dave Hebert is celebrating 20 years as a member of HRC's survey department. He began his career at HRC working on a survey crew with Frank Biehl on September 2, 1997. He worked in the field with Frank and then Dave Dickie, until moving into the survey office in May 1998, working under the supervision of Bob Higgins and Maury Hauzelbrouck. Currently, he is a survey CAD technician working alongside Gary Chalice out of the North office.

Prior to joining HRC, Dave worked for seven years as a rodman on survey teams at General Consulting Services in Keego Harbor.

Outside of work, he enjoys anything outdoors, especially hunting and hiking. Dave enjoys spending quality time with his family, including his wife of 24 years, Sherri, and his daughter, Hannah (17).

Dave attributes his longevity to HRC being a great company that gives support to its employees. *"It's a family atmosphere, where it's not all about the bottom line."* He has many fond memories from the last 20 years.

Dave, we celebrate your 20 years and wish you many more fun-filled years at HRC!

- Andrea Pike

20
YEARS



HRC SHOUT OUTS!

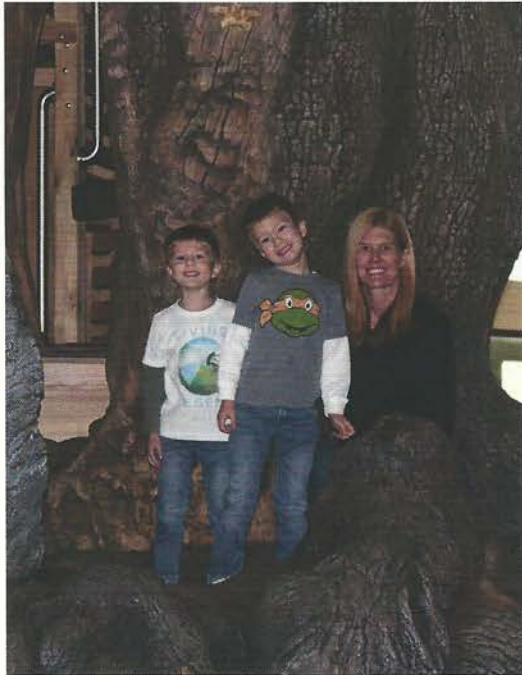
- ≡ Congratulations to **Jacob Darnall** for recently passing the Fundamentals of Engineering exam!
- ≡ **Genti Heqimi**, recently traveled to The Hague in the western Netherlands to present at the biannual Road Safety & Simulation International Conference (RSS)! Acceptance in this conference is competitive and includes several rounds of reviews. Way to go Genti!
- ≡ **Jesse Morgan** and **Hailey Savola** deserve recognition for all the effort they put into opening the new HRC offices in Kalamazoo and Jackson!
- ≡ Congratulations to **Jeremy Brockert** and **Judy Hartman** who both passed the SHRM-CP in July!
- ≡ Shout out to **Jennifer Morreale** who always goes above and beyond. Not just on the projects she's involved in, but also doing all the little things for the Detroit office. Thank you for your hard work and dedication Jennifer, it is much appreciated!
- ≡ Kudos to **Mike Darga** who has been doing an awesome job in managing the Howell office. Mike leads by example with hard work, technical expertise and a firm grasp of the big picture!
- ≡ Shout out to **Lia Michaels** for stepping in and managing the traffic department workload while Colleen was away due to a family illness!
- ≡ Recognition to **Jim Rec** for the unwavering dedication to project and client needs!
- ≡ Shout out to **Rob Hardin** for all the hard work and long hours he puts in and always helping when needed!
- ≡ Congratulations to **Fatemeh Alighalehbabakhani** for passing her PE exam and having her paper published in the *Journal of Hydrology* on estimating the reservoir capacity of the Laurentian Great Lakes watershed!
- ≡ Outstanding job performance by **Pete MacAskill** for providing construction layout on Providence Novi at Rose Senior Living! Many client representatives were extremely happy and complementary of his work, communication and scheduling!
- ≡ Recognition to **Mike Michalak** for doing a great job helping with sanitary sewer meter installations in Grosse Pointe Farms and Grosse Pointe Shores, and for dutifully collecting and reviewing the meter data on a routine basis. Thank you Mike, keep up the good work!
- ≡ Shout out to **Paige Hammerl** for helping to organize routine water asset management plan (AMP) meetings with the "AMP team." Great job on client interactions, data collection and generating AMP reports in South Lyon and Marysville. Way to go, Paige!
- ≡ Shout out to **Bill Wonnacott** for always going above and beyond!
- ≡ Outstanding job to **Kevin Fowler** from the GIS department for being absolutely 'Clutch' whenever help is needed!
- ≡ We cannot say enough about **Cliff Thompson** and **all of the field personnel** who have helped with the renovation process! They have been responsive, flexible, given up weekends and have really made this process a much smoother transition. *A heartfelt thank you to all of you!*
- ≡ Shout out to **Matt Hughes** for doing an excellent job on the Independence Township and Orchard Lake Village sanitary sewer models and hydraulic reports! The October deadline would not have been met without his dedication to getting the work done. Keep up the good work, Matt!
- ≡ Congratulations to **Anthony Conigliaro**, who passed the Civil Fundamentals of Engineering exam!
- ≡ We'd like to recognize **Sean Walsh and the Lab folks** for being super responsive to our sanitary sewer meter needs in Independence, GPF and GPS this year! At one point we had 27 meters installed throughout the three communities. Special thanks to the people that have to go in the sanitary sewer to install, maintain or remove the meters...in particular, **Alan Dostie** did a great job this year dealing with the unique meter installs and maintenance issues!

Teamwork

"The only place success comes before work is in the dictionary."

— Vidal Sassoon

Lynne Seymour



What is your favorite HRC memory?

"The day I was offered a job to work here at HRC and the employee appreciation events are pretty cool too."

What is your favorite holiday memory or tradition?

"Making Polish angel wings. It is a tradition carried on for generations, making the angel wings with my Busia were great memories, and this year I carried on the tradition with my boys."

What is your go to karaoke song?

"NONE! I try to sing to my kids, but even they tell me to stop!"

If a reality TV show was based on your life, what would it be called?

"Some type of DIY or Fixer Up HGTV type show"

Favorite gift you have received or given?

"Anything given to me by my boys, especially when they pick things out for me themselves."

What is your favorite HRC memory?

"Every Tiger opening day, with the HRC crazies. You would think it would calm down over the years, but it hasn't!"

What is your favorite holiday memory or tradition?

"Going on 30 years of having a holiday party with my college buddies. Nothing like old friends."

What is your go to karaoke song?

"Super Freak – Rick James"

If a reality TV show was based on your life, what would it be called?

"Celebrity Rehab Meets Sober House"

Favorite gift you have received or given?

"My daughter gave me the exit sign that she retrieved from my freshman dorm room at CMU. I stashed it behind the closet wall in my first attempt at hiding evidence! I casually made an offhanded comment about it when I was taking her to CMU. She risked exposing me, but she did the dirty work and retrieved it after 30 years behind the wall, and gave it to me one Christmas! Thank God. I can finally dispose of the incriminating evidence properly and avoid certain prosecution!"

Roger Crouse



What is your favorite HRC memory?

"Tough to pick one specific memory, but a collection from the annual golf outings... Happy Gilmore's and poor golf card etiquette are the first things that come to my mind."

What is your favorite holiday memory or tradition?

"4th of July with family and friends on the lake. A full day of the sandbar, grilling and fireworks has become an annual tradition."

What is your go to karaoke song?

"Bohemian Rhapsody – Queen."

If a reality TV show was based on your life, what would it be called?

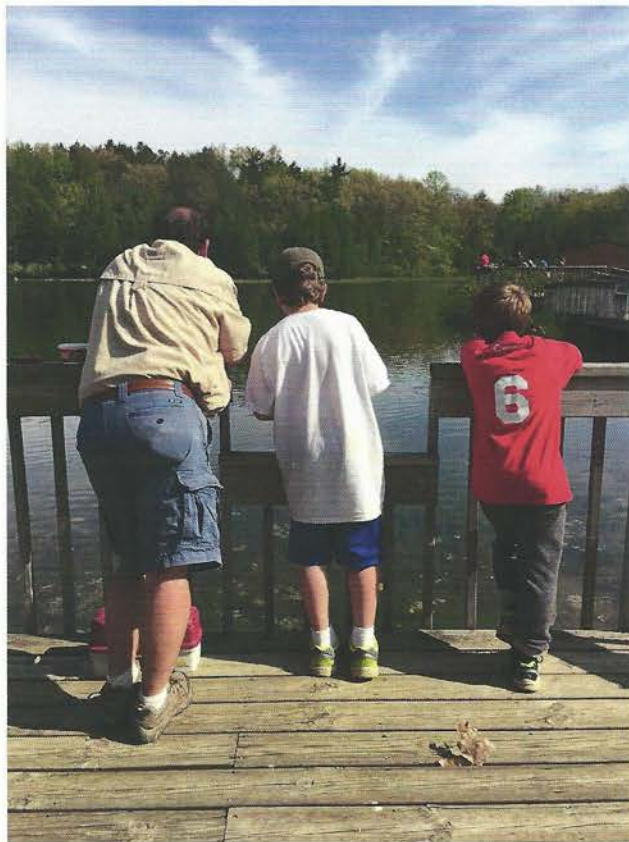
"A 27-Year-Old, Trapped in a 12-Year-Old's Body' or maybe more simply, 'I'd Rather Be Golfing.'"

Favorite gift you have received or given?

"Nintendo 64 as a kid for Christmas."



Chris Bauer



Aaron Uranga

What is your favorite HRC memory?

"Chuck's promotion to partner..."

What is your favorite holiday memory or tradition?

"I really enjoy trick-or-treating with my boys."

What is your go to karaoke song?

"Let It Go – Frozen Soundtrack"

If a reality TV show was based on your life, what would it be called?

"Designing Dirty Jobs for Others"

Favorite gift you have received or given?

"Received! My yellow lab puppy I received from my wife Robin for my birthday. We named her Morgan!"

HRC AROUND THE STATE

HRC Grand Rapids



**City of Grand Rapids
Sanitary Forcemain in Market Avenue
from Water Resource Recovery Facility
to Bartlett Street**

The sanitary forcemain was constructed to convey concentrated waste from customers that discharge high strength waste to the WRRF through the conventional collection system. The forcemain will equalize the concentrated waste prior to blending into the influent waste stream of the WRRF, so that biological treatment processed can operate more efficiently.

HRC Detroit



**Wayne County
Department of Public Services
DWTF Secondary and Headworks System Renovations**

The \$18 million renovation to be completed in Spring, 2018 includes replacement of all process, mechanical, electrical and control equipment, and new building envelope components to three process areas of the 225 MGD plant.

Notable features include CFD modeling, fully automated headworks flow path selections, vector receiving station, innovative PCCP pipe wrap design and the rebuild of 36" valves, which produced significant cost savings.



HRC Kalamazoo



HRC Delhi



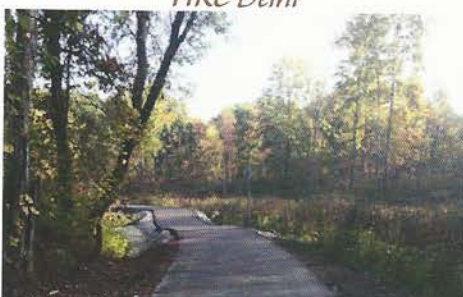
HRC Jackson



**City of Kalamazoo
Burdick and Drake Signal
Modernization, Fiber and
Road Diet Project**

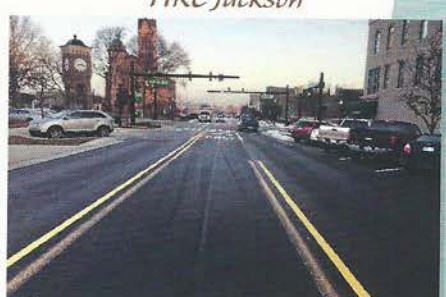
Replacement of four signals as mast arms, over one-mile of fiber installation, signal communication and a two-mile road diet.

The project included several public meetings and coordination with the Road Commission of Kalamazoo County.



**Delhi Township
Ram Trail II**

Ram Trail II now connects the original Ram Trail to a densely populated residential area. The trail enhances the community by providing a safe route for children to get to school, as well as a safe place for the community to walk, run, and cycle. This project was partially funded by a Congestion Mitigation and Air Quality (CMAQ) grant.



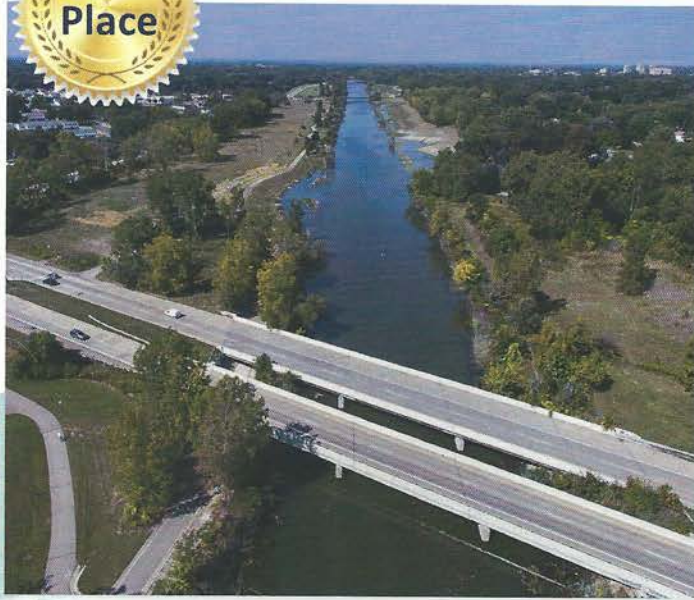
**City of Jackson
Downtown Street
Rehabilitation**

HRC performed all design and construction engineering services for the mill and overlay of Jackson Street, Mechanic Street, and Francis Street from Washington Avenue to Louis Glick Highway. Additionally, the project removed and replaced existing curb radii with bump-outs and ADA compliant sidewalk ramps at 10 locations.





HRC Bloomfield Hills
2017 COOL PROJECT WINNER



**Cities of Sterling Heights and Utica
 Clinton River Corridor Habitat Restoration**

The Clinton River Corridor Habitat Restoration is a gem in HRC's portfolio, and recently voted 2017's Cool Project of the Year. The project was an opportunity for HRC to facilitate a nine-mile improvement between two of our long-standing client communities – Sterling Heights and Utica.

COOL PROJECT RUNNERS-UP



**City of Southfield
 Nine Mile Rd. Reconstruction, Beech to Telegraph**



**Ypsilanti Twp., Washtenaw County, and Van Buren Twp.
 US-12 Design-Build, Wayne County**



**Ascension Health
 St. John Providence Brighton Center Dam Replacement**



HRC Howell



HRC Lansing



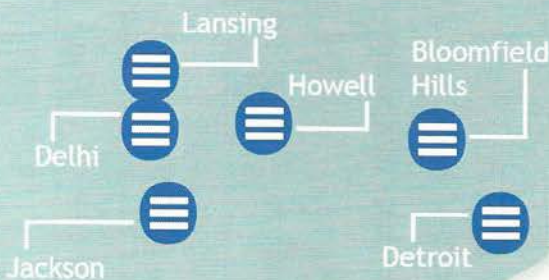
**Hartland Township
 Heritage & Settlers Parks
 Pavilions**

HRC design and constructed pavilions and restroom facilities at two Township Parks. The project also included handicap parking and access, new electrical services, drinking water wells and septic fields.



**City of Lansing
 Kalamazoo Street Bike Lanes and
 River Trail Connection**

HRC performed the investigation and design services required for the widening and restriping of Kalamazoo Street between Cedar and Larch Streets to permit the installation of bike lanes creating an ADA compliant connection between Kalamazoo Street and the River Trail.



Annual Fall Classic Golf Outing

Friday, September 22nd, 2017, HRC held its 19th Annual Fall Classic at the Majestic Golf Course in Hartland. That's right, 19 years and still going strong. Will there be a 20th?

We had a great turn out again this year; 61 golfers enjoyed the beautiful HOT day. It was nice to see many new faces as well as quite a few retirees came out to join in on the fun. The morning started out in the mid 60s, but by tee time, the temperature rose to a staggering 90°. Even though the temperature was way above average for late September, everyone seemed to enjoy themselves. I can guarantee that this was the warmest Fall Classic, some may say it was too warm. From what I heard, there were quite a few individual scores in the mid to low 70s, which is great for that course. But then again, that was just hearsay; I didn't see the score cards. Some groups, including the one I was in, played a scramble format against other foursomes for a small wager, which we lost. Oh well, we had fun and I hope everyone else did!

I don't remember who won, but congratulations to those who won the closet to the pin contests. A big Thanks goes out to Sharron and Hailey for riding around the course taking pictures and handing out Jell-O and Pudding Shots, which for some reason always seems to brighten everyone's day. Not quite sure, but I think that there might be something else in those shots besides Jell-O and Pudding...

Personally, I would like to thank everyone that attended this year's and previous Fall Classics, I've enjoyed every single one. After organizing the outing for 19 years, I realize it is definitely time to step down and give someone else the chance to have fun. BUT, not until I organize the 20th Annual Fall Classic. That's right, I am sticking it out one more year.

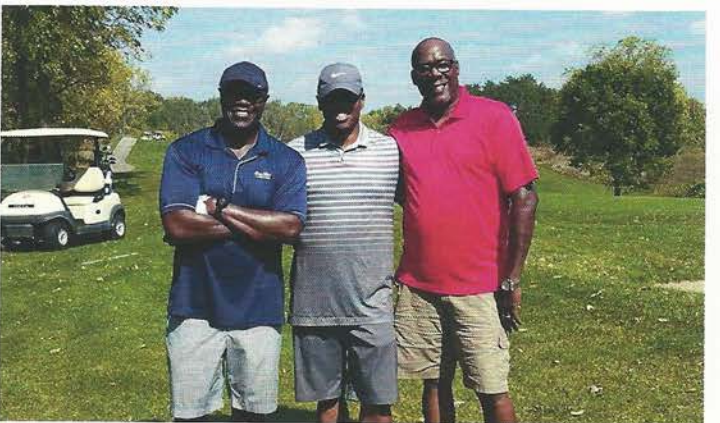
If anyone (and you know who you are) is interested in taking over the Fall Classic duties for 2019, please contact me. A few questions for everyone to ask themselves, will there be a 21st Annual Fall Classic????? Do you want it to end at the 20th Anniversary, or would you like to see it go another 20 or so???

The Fall Classic will be around the corner before you know it, so plan accordingly and mark it on your calendars as you are reading this. It is tentatively set for the 2nd or 3rd week of September 2018. Let's make this the grandest Fall Classic ever; it could be the last.

Remember, everyone is welcomed

Until then, it's fairways and greens to all.

Rob Hardin







HRC Softball Team Photo

2017 HRC Softball



In our nine game regular season, HRC's Softball Team started off on top winning five out of our first six games. Things were looking good for us, but the competition is fierce, and unfortunately we finished the last three games unable to *fly the W*. With our great start, we were guaranteed a spot in the playoffs and went head-to-head with a season rival, AECOM. During regular season,

we had a tough match up against AECOM, leading us into an 8th inning tie-breaker (we play 7 inning games) where we got crushed like a bug. So, when we matched them in the first playoff game, we were back for revenge!

Just shy of halfway through the game, TIED but feeling good, we were finally struck with the storms

we had avoided every other Thursday (or so it seemed) all season. A rainout suspended the game into the weekend, which interrupted our focus and determination. We ended up defeated just shy of championship day. Though we didn't finish on top this year, HRC's softball players had some amazing plays, and great times just being outside, staying active, playing ball, eating dogs, and well... you'll have to come to a game to see for yourself. Or better yet, join Jack Nagle, Chris Bauer, Marshall Grazioli, Stephanie Carver, Brad Shepler,

Rebecca Campbell, Krista Schoonveld, John Rodrick, Bryan Swenson, Annie MacDonald, among others, and become an HRC softball player too. If you're interested in joining our team for next season, please contact Jack Nagle. **Come on out and play ball!**

-Stephanie Carver

HRC Soccer



For the last two fall seasons, HRC has put together a co-ed recreational soccer team.

HRC members' from the Fall 2017 season include Dan Royal, Marshall Grazioli, Dave Hurrish, Jack Nagle, John Cecil and Fatemeh Alighalehbabakhani. Family and friends of HRC also participated in playing with us on our team. The team is having a lot of fun playing and is looking forward to another session in Spring 2018.

2017 HRC/NFE Golf League

For the 16th year in a row the HRC/NFE Golf League was hosted on the tight rolling fairways, seemingly endless wetlands, and well bunkered fast greens of the Fieldstone Golf Club of Auburn Hills. Continuing with the same format of play as in previous years, the league season was divided into two halves, with the winning team from each half squaring off for a winner-take-all championship match at the end of the season.

The league this year remained steady, fielding 12 teams. Fresh faces in the league for 2017 included Jack Nagle, Becca Campbell, Cathie Carver, and Krista Schoonveld. Returning to the league this year after a brief absence were Andrea Pike, Lia Michaels, and Marty Garrison.

The first half season materialized into a free-for-all that saw seven lead changes over a span of eight weeks. Once all the jostling subsided and the dust settled, the team of Jacobi & Groat sauntered away with the 1st half championship; thereby punching their ticket into the season ending championship playoff for the second consecutive year.

The second half of the season saw the

team of Jim Hubbell & Tom DeHondt open a can of whoop-ass on the rest of the league, and go wire-to-wire to claim the top spot. This secured their position in the championship finals.



The 2017 Championship Final match pitted perennial contenders Jim & Tom against the returning contenders from last year's championship match, Steve & Andy. After

a prolonged delay due to "injury," the championship match finally took place in mid-September. With the sour taste of defeat still lingering in their mouths from last year, Andy & Steve confidently went forth and had their way with Tom and his partner (Jim was absent, so Tom's son-in-law Lee Simon played in his place). With Jimmy sidelined, Steve & Andy breezed into the championship circle with an impressive 16 to 6 drubbing. Rumor has it that after their impressive victory that Andy grew three inches as he filled with pride.

The plan for 2018 is to remain at Fieldstone Golf Club and to hopefully keep the league at 12 teams, or better yet, expand it to even more. Through

the use of the U.S.G.A. Handicapping system and by allowing golfers to choose the tee box that best suits their skill level, the league is able to insure that everyone can play and compete equally without becoming too discouraged. If time and cost are weighing heavy on your decision to join, the league accepts 2, 3 or 4 person teams; thereby dividing up the expense and time constraints. Each week after the round is finished, you will generally find most of the league sitting in the Arrowhead Grille, enjoying a great meal and a refreshing beverage. League members also receive discounts on merchandise in The Pro Shop, and additional rounds of golf outside of our scheduled league times. So please come out and join us Wednesday nights next summer.

Anyone who might be interested in entering a team or just being a substitute next year should drop an email to Bob DeFrain at rdefrain@hrcengr.com.





New Year — New Options

Roman Style Chicken

Ingredients:

- 4 skinless chicken breast halves, with ribs (optional)
- 2 skinless chicken thighs, with bones
- ½ tsp. salt, plus 1 tsp.
- ½ tsp. freshly ground black pepper, plus 1 tsp.
- ¼ cup olive oil
- 1 red bell pepper, sliced
- 1 yellow bell pepper, sliced
- 3 oz. prosciutto, chopped
- 2 cloves garlic, chopped
- 1 (15-oz.) can diced tomatoes
- ½ cup white wine
- 1 Tbsp. fresh thyme leaves
- 1 tsp. fresh oregano leaves
- ½ cup chicken stock
- 2 Tbsp. capers
- ¼ cup chopped fresh flat-leaf parsley

Directions:

1. Season the chicken with one-half teaspoon salt and one-half teaspoon pepper. In a heavy, large skillet, heat the olive oil over medium heat. When the oil is hot, cook the chicken until browned on both sides. Remove from the pan and set aside.
2. Keeping the same pan over medium heat, add the peppers and prosciutto and cook until the peppers have browned and the prosciutto is crisp, about 5 minutes. Add the garlic and cook for 1 minute. Add the tomatoes, wine, and herbs. Using a wooden spoon, scrape the browned bits off the bottom of the pan. Return the chicken to the pan, add the stock, and bring the mixture to a boil. Reduce the heat and simmer, covered, until the chicken is cooked through, about 20 to 30 minutes.
3. If serving immediately, add the capers and the parsley. Stir to combine and serve. If making ahead of time, transfer the chicken and sauce to a storage container, cool, and refrigerate. The next day, reheat the chicken to a simmer over medium heat. Stir in the capers and the parsley and serve.

Vegan Buddha Bowl

Ingredients:

- Quinoa
 - 1 cup quinoa rinsed
 - 2 cups water
- Chickpeas
 - 1 ½ cups cooked chickpeas
 - Drizzle olive oil or other neutral oil
 - ½ tsp. salt
 - ½ tsp. smoked paprika
 - 1 tsp. chili powder
 - ⅛ tsp. turmeric
 - ½ tsp. oregano
- Red Pepper Dressing
 - 1 red bell pepper ribs and seeds removed
 - 2 tbsp. olive oil or other neutral oil
 - Juice from 1 lemon
 - ½ tsp. pepper
 - ½ tsp. salt
 - ½ tsp. paprika
 - ¼ cup fresh cilantro

Everything Else

- mixed greens
- an avocado - sliced
- sesame seeds for garnish

Directions:

1. Start by cooking the quinoa. Bring 2 cups water to a boil, then add quinoa. Simmer for about 15 minutes until all water is absorbed. When done, remove from heat and keep covered for about 10 minutes so quinoa can absorb any excess water.
2. Preheat oven to 425. In a bowl, toss chickpeas, oil, and spices until chickpeas are evenly coated. On a baking sheet lined with parchment paper, bake chickpeas for 15 minutes. When done, remove from oven and let cool.
3. To make red pepper dressing, add all dressing ingredients to a blender and blend until smooth.
4. Finally, assemble the buddha bowls. In two bowls, add quinoa, mixed greens, avocado, and chickpeas. Drizzle everything with red pepper sauce, and sprinkle with sesame seeds.

Recipes courtesy of Paige Hammerl and the HRC Wellness Committee



Mushroom Soup

Ingredients

- 1 large white onion diced
- 1 package white button mushrooms 10 oz. sliced
- 1 package baby portobello mushrooms 10 oz. sliced
- 10 stalks fresh thyme, leaves removed
- 1 cup organic vegetable broth
- 1 tbs. cornstarch
- 1 cup almond or cashew milk unsweetened
- 1 dried bay leaf
- 1/2 Tbsp. liquid aminos Gluten Free (or soy sauce)
- ½ tsp. salt
- freshly ground pepper

Directions

1. In a large saucepan, over medium heat, add the diced onions. Allow to sweat while slicing the mushrooms. About 5-7 minutes.
2. Move onions to the sides of the saucepan and add mushrooms, allow to cook 5 minutes uncovered.
3. Stir the onions and mushrooms together. Add fresh thyme and allow to continue to cook, at least 10 minutes.
4. You will notice a substantial amount of water has come out of the mushrooms, and they are reduced in volume by half.
5. Add the bay leaf, the salt and the liquid aminos to the mushrooms.
6. Stir the 1 tbs. of cornstarch into the organic broth. Add to mushrooms and stir. Add almond milk.
7. Allow to cook for at least 15 minutes, stirring occasionally. Taste and add freshly ground black pepper to taste.
8. This soup is amazing the next day as well and can easily be doubled.
9. Add cashew cheese, Parmesan cheese or enjoy the soup just as it is!

APPRECIATION EVENTS

Partner Bar-B-Que



Summer Coney Dog Picnic



Ice Cream Social



with Stephanie Carver

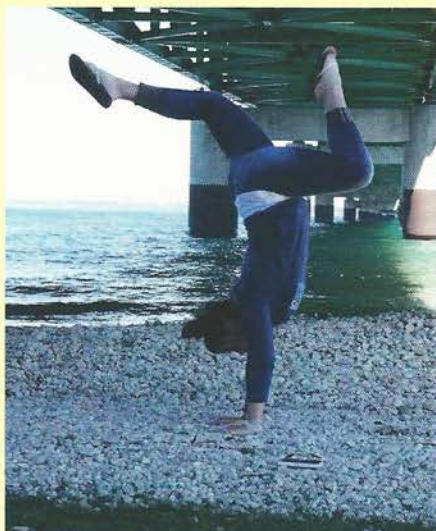
Q What are your overall impressions of HRC to date?

A Considering I grew up around here, because my mom (Cathie Carver) has been here for 20+ years, I would say it's like family! I know some have watched me grow up here, and it's pretty neat to officially be an HRC employee. The first few things that come to mind when I think of HRC are 'quality,' 'employee oriented,' 'professional,' and 'determined.'

Q Do you think that HRC is up-to-date with their equipment, knowledge, etc.?

A Knowledge: Yes, everyone is so darn smart here! I learn from people every day, from partners to ISD, engineers, and my fellow support staff.

Equipment: On point! Even the simple things, such as stand up desks are pretty cool, and what a positive impact on long term health!



Handstands below the Mighty Mack

Q What projects are you working on?

A What am I not working on, besides actual engineering work? Ha!

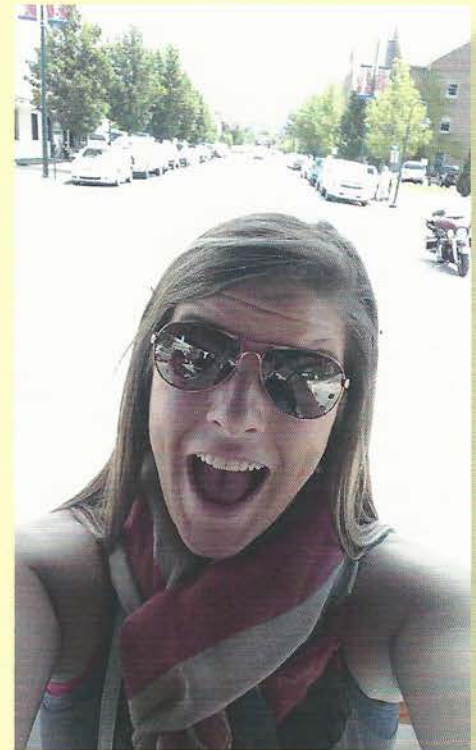
Seriously though, front desk activities, birthday lists, announcements, flyers, coordinating lunch meetings, planning and coordinating events, the Habitat for Humanity project, Christmas parties / cards, database updates, DFRs, mail, event rsvp's, etc.

My two most recent activities that I have had A LOT of fun with: brainstorming / designing the décor of the new conference rooms here in BH and helping to create THIS newsletter!

Q How does HRC compare with other firms you've worked with?

A Well, before coming to HRC, I managed a gymnastics facility / coached full time. So, I don't really think there is a comparison, except that sometimes I feel like I am still working with a bunch of kiddos. 😊

My favorite thing about working here in comparison to my past experiences has got to be the involvement. Hands down! Both family & team based within HRC, and how involved in the communities we are outside of the offices.



Q Suggestions / Comments about company communication?

A I think it would be so fun to have a once a year event at each office, whether it's a game night, breakfast, neighborhood get-together, etc. Maybe a Griffins game in GR, or a festival night in the D, or a Michigan State game (viewing party or tailgate) in Delhi / Lansing, etc.

We do so much here in BH, I think it would be nice for everyone to see all pieces of the HRC puzzle. OR... department competitions and challenges, so that we all can get to know each group / office / department in the company. That would be fun too!

WELCOME New & Returning Employees (July–December, 2017)

Eldon E. Adams, Structural
Kyle P. Anderson, Observation
Michael Austermann, Survey
Edward W. Bentfield, ISD
John M. Bergsma, Jr., Process
Alicia K. Blower, Observation
Stacey Burley, Civil
Jason R. Burns, Business
Beth A. Clarke, Process
Edward L. Cote, Industrial Facilities
Jacob Q. Darnall, Civil
Karl H. De Lisen, ISD
Sarah Dodson, Industrial Facilities
Vincent Dinverno, Observation
Annemarie East, Observation
William B. Fisher, Civil

David J. Hanna, Civil
Andrew K. Johnstone, Process
Mary M. Kenyon, Structural
Jacob D. Kleinhenz, Civil
Remington Koch, EED
Benjamin W. Lowran, Observation
Dennis M. Monsere, Process
Jennifer Nieman, Marketing
Julian C. Parent, Observation
Michael A. Romkema, Civil
Lynne M. Seymour, EED
Sara E. Smith, Marketing
Alexander J. Surhigh, Support
Liz Tierney, Marketing
Cole G. Villalobos, Civil

BABY ANNOUNCEMENTS



Mike Vander Ploeg & family welcomed their 2nd child, son Liam on December 28th, 2016 6 lbs. 8 oz.

Helen Davis & her husband, John welcomed their son Raymond on September 16th, 2017 8 lbs. 12 oz.



WEDDING CELEBRATIONS

May 6th, 2017
Zack and Jaquelin Clark

May 6th, 2017 also!
Horace and Dionne Tinsley

May 13th, 2017
Michael and Rebekah Roskelley



Genti Heqimi was a recent presenter at the 2017 Road Safety & Simulation International Conference held in The Hague, Netherlands.

HRC
HUBBELL, ROTH & CLARK, INC
 CONSULTING ENGINEERS SINCE 1915

HAPPY Anniversary

20 Years

DAVE HEBERT
Senior Survey Technician

ANDREW MALCZEWSKI
Civil Designer

15 Years

SEAN WALSH
Survey Lab, Testing Engineer

JAMES ISAACS
*Land Acquisitions,
 Senior Project Engineer*

5 Years

ADRIANNA MELCHIOR
Architectural Department Manager

Congratulations!

**on your
 PROMOTION**

DONNA MARTIN
Controller

Holiday Calendar

New Years' Mon., Jan. 1
 Memorial Day Mon., May 28
 Independence Day Wed., Jul. 4
 Labor Day Mon., Sep. 3
 Thanksgiving Thu., Nov. 22
 Christmas Eve Mon., Dec. 24
 Christmas Day Tue., Dec. 25

Editorial Staff

Cathie Carver
 Dan Mitchell
 Roland Alix
 Andrea Pike
 Stephanie Carver
 Catherine Ticer
 Liz Tierney
 Sara Smith