

CAPITAL CITY



**CORVETTE
CLUB**

Founded in 1958
www.cccorvette.org

September 2024

THE CONNECTION

The Monthly Newsletter of the
Capital City Corvette Club
Volume LIV • Number 9



In this issue ...

- Last Months Events
- Upcoming Club Activities
- This Month's Birthdays
- President's Page
- Club Points
- 2024 Club Officers
- Members Meeting Minutes
- Board Meeting Minutes
- Article
- CCCC Supporters
- Sponsors Pages



MICHIGAN REGION



September 2024

104 Members

2 Honorary Members

27 FCOA



Our Sponsor

www.Shaheenlansing.com

Birch Run Autocross

August 10-11, 2024



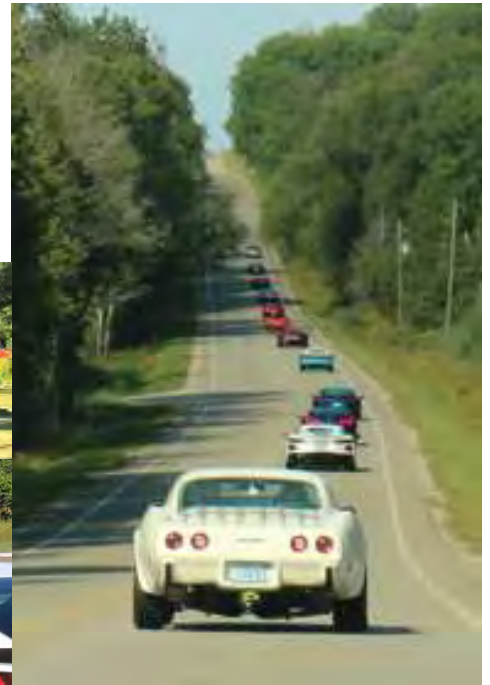
Corvette Crossroads Mackinaw August 23, 2023



Corvette Crossroads

Tunnel of Trees M119

August 23, 2023



Corvette Crossroads

Beachcomber

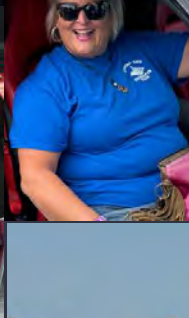
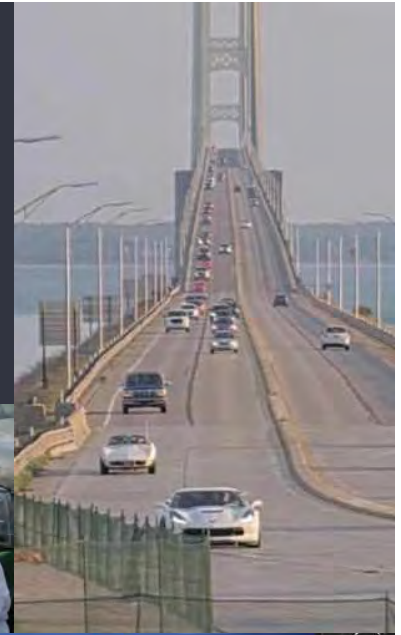
August 23, 2023



Corvette Crossing Mackinaw August 26, 2023



Corvette Crossing Mackinaw August 26, 2023



ACTIVITIES FOR SEPTEMBER & BEYOND

- **General Membership Meeting** **Sept 4**
 - 7:00 PM @ Delhi Cafe
- **Shaheen Car Show** **Sept 8**
- **Board Meeting** **Sept 18**
- **JCC Sponsor's Choice Corvette Show** **Sept 21**
- **Darrell's Car Show / Miller's Ice Cream** **Sept 22**
- **Upcoming Events**
 - **Fall Color Tour** **Oct 12**
 - **Let's Meet for Breakfast** **Oct 26**
 - **Bingo at Delta River Senior Village** **Nov 9**
 - **Toys for Tots** **Dec 7**
 - **Holiday Luncheon** **Dec 14**

Check out the Events Page on the CCCC Website for more information on upcoming NCCC, Local, Regional, and National Events.

[Event Flyers \(cccorvette.org\)](http://cccorvette.org)

6th Annual Shaheen Chevrolet Car Show

In Partnership with the Capital City Corvette Club

Benefiting Ele's Place

"A healing center for grieving children & teens"



Sunday, September 8th

- Event: 10 am - 2 pm. Registration: 9 am - 12 pm
- \$20 Fee For Vehicles on Display. Free to Spectators
- All Vehicles Welcome & Open To The Public
- Judging & Trophies
- Door Prizes: Flat Screen TV, Quick Lube Vouchers, Gas & Restaurant Gift Cards, Shaheen Camp Chairs & More!
- Food Trucks: Cottage Inn Pizza, Udderly Delicious Ice Cream and J&J's Delicous Dogs and More!
- WITL Live DJ & League of Enchantment Super Heroes
- Playmakers 'Autumn Classic' race sign up location with discount
- Insurance waiver must be signed by all participants. Non-NCCC members are not covered by NCCC insurance. MI-003-N02
- Questions? Email: carshow@ccc Corvette.org



Together
let's drive™

For event information, please visit:
www.shaheenchevrolet.com/carshow

Or Scan the
QR Code!



632 American Road in Lansing, MI • ShaheenChevrolet.com • 517.394.0330



MICHIGAN REGION

JACKSON CORVETTE CLUB

3 PEOPLE'S CHOICE CORVETTE SHOWS

TROPHIES ARE SPONSOR'S CHOICE

SATURDAY, SEPTEMBER 21, 2024

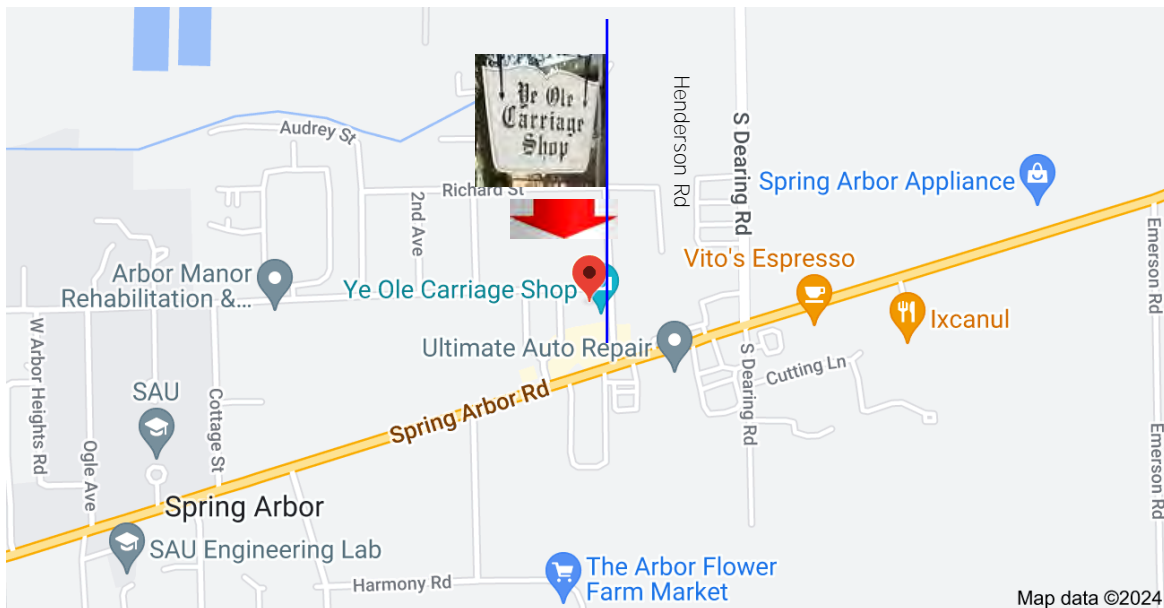
Sanction #'s: MI-046-008, 009, 010

Lloyd Ganton's Auto Collection - YE OLE CARRIAGE SHOP MUSEUM

3538 Henderson Rd. Spring Arbor, MI

Entry Fee: \$30 per car for all 3 shows (Includes free admission to museum)

Registration: 9:00 AM - 11:00 AM Awards at 2:00 PM



50/50 raffle (Proceeds to a local veteran's organization)

Food Truck will be on location

No Electric vehicles in car show allowed due to fire concerns.

Non-NCCC entrants and workers are not covered by NCCC insurance.

NCCC waiver must be signed by all participants.

**Governor:
Steve Massie
517-740-0445**

**Overall Chairpersons:
Steve Massie: 517-740-0445
Carol Massie: 517-414-2482**



CHARITY CRUISE IN

Featuring the Sea Cruisers Band

Sunday, September 22, 2024

11:00 am - 2:00 pm

Darrell's

4520 W Columbia Rd Mason, MI
www.darrellsmason.com

Licensed 50/50 Raffle, Hots & Brats Dinner 11:30-1:00 Benefits Mason Chamber of Commerce Hometown Champion Scholarship Fund.
A charity in memory of Shirley Grieve.

Let's all "cruise-in" to Darrell's Charity Car Show, and then "cruise-out" to Miller's for ice cream after the show.



635 State Street, Eaton Rapids, MI

Contact Angela with any questions.
4c.membership@ccc Corvette.org



~ Away Game ~

Michigan State vs. Michigan

Let's meet for breakfast!

When: Saturday, October 26 @ 9:30 a.m.

Where: Spud's Family Restaurant
611 S. Waverly Rd., Lansing
(just north of 496)

If you plan to attend, sign up at a meeting or email Gloria by noon, on Thursday, October 24:

4c.webmaster@cccorvette.org.



Saturday, November 9, 2024

2:00 – 4:00 pm (setup at 1:00 pm)



Delta River Senior Village

a Volunteers of America Community

6090 W. Michigan Ave., Lansing MI 48917

Keep gathering your fabulous Bingo prizes.

Handmade items are always a plus, but if you're not 'crafty', basic household products or other fun things are always welcome.

Please bring your favorite snack and/or dessert to share!

We will enjoy dinner afterwards at Tony M's

3420 S. Creyts Rd., Lansing MI 48917

Hosted by Sandy Bechtel. Contact Sandy with any questions:

517 • 243 • 7207 or sjbechtel@hotmail.com

SEPTEMBER BIRTHDAYS



Thomas Taylor
September 1



Tom Faupel
September 17



Skip Herold, Jr
September 3



Christine Wieczorek
September 22



Melissa Hass
September 7



Angela Hyde
September 26



Kim Keith
September 9



President's Page



Members,

Can you believe we have already been to Mackinaw? Which, I would like to say congratulations to those who went as we once again received the Club Award for most cars registered.

This month, I am going to stick to Club Awards. Did you know that Capital City is in position to claim the 2024 Michigan Region Club of the Year award? We are just over half way through the season and we are setting in first place. The importance of winning this award goes beyond recognition, we also get to bid dates in first position. We bid dates in a reverse NFL draft style based on the previous year's finish. The better you finish, the earlier you pick.

How can you help us win this award and help ensure we get the dates we want? You can attend any of the upcoming Region Competitions. The Calendar of Events on our website contains links to the flyers for each event. Most of the upcoming events are Rallies or Funkhanas, a few car shows, and only a couple autocrosses. Many of our experienced members will be happy to help you with your first competitions if you ask.

I usually write about how fun the events are and all the people you will meet. I want to assure you that is still true. This year, we have an opportunity we have not had in a while. What great bragging rights being Club of the year could bring!

Remember to wave,

**Kyle Felts
President
Capital City
Corvette Club**



Capital City Corvette Club



Participation Points as of August 16, 2024

0	Beverly Adado	7	Jeanne Harris	0	Diane Munshaw	6	Michael Sprague
0	Robert Adado	17	Ward Harris	0	Tom Munshaw	64	James Sutherland
16	Pat Bailey	20	Bill Hass	20	Steve Musselman	0	Ralph Swan
30	Roy Bailey	25	Melissa Hass	20	Barb Musselman	0	Susan Swan
10	Kelly Barnes	9	Bob Hedlund	0	George Nelson	0	Connie Taylor
10	Mark Barnes	9	Elizabeth Hedlund	0	Laurie Nelson	0	Thomas Taylor
0	Dana Beaman	0	Skip Herold, Jr.	0	Stanley Olson	0	Stephen Toth
16	Sandy Bechtel	0	Skip Herold, III	0	Zola Olson	18	Harold Twining
0	Colleen Bratschi	9	Sue Hoover *	23	Erick Pardo	18	Katherine Twining
0	Rich Bratschi	73	Angela Hyde	2	Sondi Plummer	7	Luis Valle
1	Connie Britz	5	Craig Iansiti	20	Suzanne Politza	10	Ann Voss
2	Mike Britz	2	Daniel Kane	47	Carl Polomski *	11	David Voss
7	Daniel Burk	50	Kim Keith	47	Carolyn Polomski *	0	Peter Walker
1	Laura Burk	48	Sue Keith	9	Gary Pratt	0	Chris Waltz
29	Geoffrey Cradit	51	Michael Lewis	36	Carol Putmon	0	Mike Waltz
19	Joyce Cradit	10	Janet Litrenta	45	Randy Putmon	7	Robert Watson
1	Jim Curtis	2	Jean Luttig	65	Gloria Reiffer	15	Mary Wells
1	Art Doty *	35	Bob Maynard	65	Simon Reiffer	42	Timothy Wells
1	Nancy Doty *	18	Shalimar Maynard	21	Robert Ribar	8	Christine Wieczorek
26	George Duncan *	27	Brian McKeveatt	0	Heather Saxton	8	Thomas Wieczorek
26	Kathy Duncan *	91	Kevin Mead	0	Mike Saxton	2	Stella Wood
47	Michelle Faupel	13	Patricia Mead	14	Kyle Schittenhelm		
57	Tom Faupel	0	Linda Michael	4	Shelby Schittenhelm		
108	Kyle Felts	34	Chuck Miller	7	Kim Schramm		
21	Melissa Felts	19	Jeffrey Mitzel	0	James Spalding		
10	Cindy Gozalka	20	Casey Mulvany	2	Robert Spehar		* NCCC affiliation with another Region club
19	Norman Gozalka	11	Kim Mulvany	0	Janet Sprague		

2024 Top Ten

108	Kyle Felts	65	Gloria Reiffer	57	Tom Faupel	48	Sue Keith
91	Kevin Mead	65	Simon Reiffer	51	Michael Lewis		
73	Angela Hyde	64	James Sutherland	50	Kim Keith		



Honorary Member - Ralph Shaheen

Club Liaison - Ben Behnke

2025 MEMBERSHIP RENEWALS ~ CAPITAL CITY CORVETTE CLUB

Renewal dues are payable prior to the end of the General Membership meeting which takes place on the first Wednesday in November. NCCC charges a \$10 late fee for those who do not renew by that time. Checks should be made payable to Capital City Corvette Club.

Dues	New Member
\$35.00	NCCC Primary Member Dues (includes \$10.00 NCCC initial application fee)
\$30.00	CCCC Primary Member Dues
\$10.00	NCCC Spouse/Companion Dues (if applicable)
\$10.00	CCCC Spouse/Companion Dues (if applicable)
\$65.00 / \$85.00	Total due if applying as a new Primary Member or Primary Member with Spouse/Companion

Dues	Renewal Member
\$25.00	NCCC Primary Member Dues
\$30.00	CCCC Primary Member Dues
\$10.00	NCCC Spouse/Companion Dues (if applicable)
\$10.00	CCCC Spouse/Companion Dues (if applicable)
\$55.00 / \$75.00	Total due if renewing by the first Wednesday of November

NOTE: Add a \$10.00 late fee, imposed by NCCC, if you haven't renewed your membership by the end of the November General Membership meeting.

Dues	Social Member - must have NCCC membership with an affiliated club
\$30.00	CCCC Primary Member Dues
\$10.00	CCCC Spouse/Companion Dues (if applicable)
\$30.00 / \$40.00	Total due

Dues	NCCC Lifetime Member
\$30.00	CCCC Primary Member
\$10.00	NCCC Spouse/Companion Dues (if applicable)
\$10.00	CCCC Spouse/Companion Dues (if applicable)
\$30.00 / \$50.00	Total due

NOTE: If you believe you will be involved for ten or more years, consider becoming a NCCC Lifetime Member. Lifetime dues are a one-time fee of \$300.00 if a current NCCC member or a one-time fee of \$335.00 for those new to NCCC. NCCC Lifetime Members are still responsible for annual club dues, as listed above.

Lifetime Members are all Primary Members. There is no Spouse/Companion status. NCCC Lifetime Membership is transferrable to an affiliated club if you move.

2024 CLUB OFFICERS

PRESIDENT

Kyle
Felts



GOVERNOR/VP

Simon
Reiffer



SECRETARY

Melissa
Hass



TREASURER

James
Sutherland



SOCIAL DIRECTOR

Roy
Bailey



COMPETITION DIRECTOR

Kevin
Mead



MEMBERSHIP DIRECTOR

Angela
Hyde



POINTS DIRECTOR

Kim
Keith



NEWSLETTER EDITOR

Tom
Faupel



PR DIRECTOR

Chuck
Miller



2024 APPOINTED OFFICERS

CHAPLAIN

Ward
Harris



HEARTS & FLOWERS

Ann
Voss



HISTORIAN

Sue
Keith



NCM AMBASSADOR

Casey
Mulvany



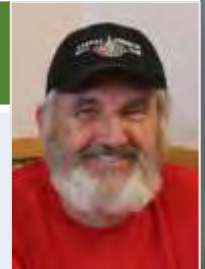
PHOTOGRAPHER

Tom
Faupel



QUARTERMASTER

Randy
Putmon



SERGEANT AT ARMS

Geofrey
Cradit



WEBMASTER

Gloria
Reiffer



PAST PRESIDENT

Bob
Maynard



FACEBOOK MODERATOR

Dave
Voss



Membership Meeting Minutes

**CAPITAL CITY CORVETTE CLUB
GENERAL MEMBERSHIP MEETING
August 7, 2024 - Delhi Café & Zoom**

7:00 Call to Order: Kyle Felts, President

- The only mail received was our bank statement and some applications for Birch Run.
- We receive a magazine from NCM with our membership. If anyone wants to see/read this, please see Casey.
- Thank you to Roy for putting together the Corvette Obsession for a 6-year old's birthday. It was a lot of fun.
- Thanks to Kevin for heading up the Best of the Bowties. Kalamazoo Club took home the club prize.

Secretary: Melissa Hass

- Approval for July minutes: Motion by Kevin Mead and seconded by Carolyn Polomski and approved by the majority of the members in attendance.

Treasurer: James Sutherland

- The books are balanced and the bills are paid.
- Stella's surgery has been moved to later in August.

V/P Governor: Simon Reiffer

- Not too much to report this month. I hope everyone got Deb Murphy's email. There are three positions open for elections, if anyone is interested, please see Deb's newsletter this month.
- The National Governor's meeting is in St. Louis in September. If anyone is interested in going, see Simon.
- NCCC is looking for ways to cut costs, if you have any ideas, please forward them to me. You can go on the Members Only site and see a copy of their Budget.
- Thursday, August 15, is the car show at the Willows. This year they are having a Texas theme. They are asking for donations to be made for the Walk to End Alzheimer's. We will be meeting at the Meijer's parking lot on Lake Lansing Road at 5:00 and then caravan over together.

Points Director: Kim Keith

- Points are up to date as of 8/3. Thanks to all of you that have sent me your point information.
- There are no points for most cruise-ins. I check the flyers to see if you can receive points. If you have to register for the show, you will receive points.

Competition Director: Kevin Mead

- We are all set for Birch Run. Track people said that the track will be open at 7:00 am both days. Their Bar & Grill will be catering lunch on both days. We have a timing training tomorrow night at my house at 6:00 pm. Randy picked up the cones today for the event. We have at least 3 people coming from out of state to participate this year.

Editor: Tom Faupel

- The newsletter came out on 8/1, if you didn't get it, please let me know.
- If anyone would like to write an article for the newsletter please do and forward it to me. I'm always looking for articles.

Membership Meeting Minutes

Membership Director: **Angela Hyde**

- Absent, report emailed.
- We have 103 members, 2 honorary members, 27 FCOA and 4 lifetime members.
- Nominations for the 2025 Board will be next month.
- Membership renewals will start in September.

Social Director: **Roy Bailey**

- We had a good ride for the 6-year old's birthday party. We had either 12 or 13 cars and then we enjoyed a nice lunch at City Limits after.
- Birthday treats were handed out.

Public Relations Director: **Chuck Miller**

- Nothing new to report.

Appointed Officer Report:

Past President: **Bob Maynard**

- Nothing new to report.

Photographer: **Tom Faupel**

- The new Club picture has been hung in the entrance of the Delhi Café.

Webmaster: **Gloria Reiffer**

- Nothing new to report.

Facebook Moderator: **Dave Voss**

- We are promoting our Birch Run Event and the Shaheen Car Show on our FB page.
- The Crossroads sign-up sheet is on the table. I have sent out emails to people who have already signed up. We will be meeting at Clark Corners on 8/22, departing at 10:00. We are going back to Shaker's in Houghton Lake for lunch. We will be having a cookout Thursday night at Beachcomber, please get in contact with Angela about food.
- Friday we will be leaving Beachcomber at 10:30 and driving west to the Tunnel of the Trees, stopping at Pierson's Grill & Spirits in Harbor Springs for lunch. As of now, Friday night is open.
- Crossroads Car Show is Saturday. After the show we will meet and line up for the parade and the crossing of the Mackinaw Bridge. Dinner at Audie's Restaurant after the parade.

Zoom Facilitator: **Kyle Felts**

- Zoom is working fine.

Quartermaster: **Randy Putmon**

- The trailer was taken in to be serviced. It is 10 years old and this is the first time. The total came to \$223. The trailer is now ready for Birch Run.

Sergeant at Arms: **Geofrey Cradit**

- Nothing new to report.
- I did bring in some travel books for the Wisconsin Dells if anyone is interested.

Membership Meeting Minutes

NCM Ambassador: Casey Mulvany

- The National Corvette Caravan is coming up.
- There is still no CEO for the Museum.

Historian: Sue Keith

- Nothing new to report.

Hearts and Flowers: Ann Voss

- Absent.

Chaplain: Ward Harris

- Absent.

New Business:

- We need a club to host the Regional Banquet. The last time our Club hosted was in 2018 and we held it at Shaheen. This Banquet can just be dinner and awards given out or it can be lavish. Its whatever the Club wants to put into it. You could add a Funkhanas or something to the banquet. Maybe in the future, Clubs should just be assigned since no one really wants to host. That way, you would only have to host once every 15 years.
- Toys for Tots at Lingenfelter's in Brighton will be on 12/7. We are trying to get clubs from across the State to join in. Lakeshore Club has something similar and I am trying to get them to join in also.
- Christmas Party will be 12/14.

Other Business:

- Shaheen Car Show is 9/8. We need people to show up at 7:00 am for set up. We will have a short volunteer meeting at that time. The tent will already be set up. The parking lot will be closed until we are all set up. Ken Lingenfelter will be there. Kyle and Jennifer will coordinate the insurance.
- When the show is over all participants need to leave ASAP as the Shaheen employees need to secure the property.
- In observing other car shows of this kind, it has been decided that cars from the CCCC will not be judged.
- FCOA Request – The national Director is working on a letter of explanation/suggestions. They are trying to get some money into their programs so they can encourage more FCOA participation. The program is currently running in the negative.
- Bingo at the Delta Senior Village has tentatively been set for 11/9. We need bags, for the residents to put their gifts in. If anyone has any idea of where we might be able to get some donated to us, please see Sandy Bechtel.

Adjournment at 8:10. Motion to adjourn by Simon Reiffer and seconded by Kim Keith and approved by the majority of members present.

Capital City Corvette Club

Potential Nominees for the Office of President

For nominations held in 2024 for the 2025 Board

According to the Capital City Corvette Club By-Laws (2008), Article IV, Section B, 1a, the President must have held a prior elected office in the Club.

The following current members have held an elected office in the Club:

**Roy Bailey
Sandy Bechtel
Rich Bratschi
Colleen Bratschi
Mike Britz
Connie Britz
Dan Burk
Michelle Faupel
Tom Faupel
Kyle Felts
Melissa Felts
Melissa Hass
Angela Hyde
Craig Iansiti
Kim Keith
Janet Litrenta**

**Shalimar Maynard
Bob Maynard
Kevin Mead
Chuck Miller
Suzanne Politza
Carol Putmon
Simon Reiffer
Gloria Reiffer
Mike Sprague
James Sutherland
Katherine Twining
Dave Voss
Mary Wells
Tim Wells
Chris Wieczorek
Tom Wieczorek**



Board Meeting Minutes

CAPITAL CITY CORVETTE CLUB BOARD MEETING MINUTES August 21, 2024 - Delhi Café & ZOOM

6:30 Call to Order: Kyle Felts, President

- The Club received a Silver Star Donor certificate from the VFW National Home for Children.
- The Club received a beautiful glass award from the National Corvette Museum for purchasing a lifetime membership.

Board Reports:

Secretary: Melissa Hass

- Minutes previously approved.

Treasurer: James Sutherland

- All bills are paid and the books are up to date.
- We made \$970.52 at our Birch Run event.
- Stella's surgery is now scheduled for 9/18.

V/P Governor: Simon Reiffer

- The Governor's Meeting is in St. Louis in two weeks.
- We had a great time at Birch Run.

Points Director: Kim Keith

- Points are up to date as of 8/16.
- If anyone attended the IHCC or CCBC events last weekend, please forward your information to me.

Competition Director: Kevin Mead

- We didn't have as many cars at Birch Run this year and we didn't have any steel body cars. We had 15 cars on Saturday and 18 on Sunday. Next year we will try to advertise more for steel cars, and maybe check into the cost of advertising with Hagertys'.
- We did spend more for food but everyone enjoyed being able to sit in a restaurant to eat instead of having pizza at the track. The food was excellent.
- We are in a good position to take first place in the Region. We need some more people to get out and do some competition.

Editor: Tom Faupel

- I'll be working on the newsletter when we get back from Crossroads.

Social Director: Roy Bailey

- The Christmas party is in the planning stages and Angela is helping me.

Board Meeting Minutes

Membership Director: Angela Hyde

- We currently have 104 members, 2 honorary, 27 FCOA and 4 lifetime members.
- I will start collecting for dues September 1.
- Nomination of officers will take place at the September Membership Meeting.

Public Relations Director: Chuck Miller

- Absent, no report.

Appointed Officer Report:

Past President: Bob Maynard

- Nothing new to report.

Photographer: Tom Faupel

- We have a big weekend coming up, hopefully a lot of opportunity for pictures.

Webmaster: Gloria Reiffer

- We did get a new Banner advertisement.

Facebook Moderator: Dave Voss

- Absent, no report.

Zoom Facilitator: Kyle Felts

- Zoom is working well but we will need to replace the camera soon.

Quartermaster: Randy Putman

- Absent – Report sent; the cones have been returned.

Sergeant at Arms: Geoffrey Cradit

- Absent, no report.

NCM Ambassador: Casey Mulvany

- Absent, no report.

Historian: Sue Keith

- I have sent a list to be published in the September and October newsletters on members who are eligible to be nominated for President.

Hearts & Flowers: Ann Voss

- Absent, no report.

Chaplain: Ward Harris

- Absent, no report.

Board Meeting Minutes

New Business:

- Simon received information on the FCOA giving levels. Legacy Club is \$25; Vette's Club is \$50; Save the Wave Club is \$100; Stingray Club is \$150; Checkered Flag Club is \$200 and Champions Club is \$250. We will bring this up at the membership meeting but Simon recommends we become members of the Champions Club.
- For the Shaheen show we need people to show up and work. If you can, please be there at 7:00 am for a quick meeting with the Shaheen staff. If you cannot make it at 7:00, please come whenever you can and help out. We always need volunteers.
- We need a couple of more judges for the Shaheen show.
- Roy updated us on Pat, she is now home after a week's stay at Sparrow and is doing well.

7:05 Motion for adjournment made by Tom, seconded by Angela and approved by members in attendance.



**He said "Hi Beautiful",
then I realized he was talking
to his Corvette!**

Everything you may (or may not) want to know about Gasoline and Octane Rating

When teaching about hydrocarbons in chemistry classes, I sometimes got questions about Octane. I also heard of people using higher octane in their car than recommended by the manufacturer. That is not always good, and can cause other problems in the long run. Some of the following information may help you understand the octane levels in the gasoline used in our Corvettes and other vehicles. This information was compiled from various sources, including class notes and from my personal experience in the lab.



Almost all of our vehicles use four stroke engines. One of those “strokes” of the piston is called a compression stroke, where the engine compresses a cylinder full of air and gasoline into a much smaller volume before igniting it with a spark. The amount of compression is called the “compression ratio” of the engine, and is typically around 8-to-1 (more in a high-performance engine).

The Octane Rating of gasoline (a hydrocarbon) tells you how much the fuel can be compressed before it spontaneously ignites. When gasoline ignites by compression rather than because of spark from the spark plug, it causes knocking in the engine. Knocking can damage the engine since it puts undue stress on the piston as it is still going up into the cylinder. Lower octane gasoline like 87-octane, can handle the least amount of compression before igniting. Diesel engines use only compression to ignite a different formulation of hydrocarbon fuel. That’s a different story.

The compression ratio of your engine determines the octane rating of the gas you must use in the car. One way to increase horsepower of an engine of a given displacement is to increase its compression ratio. So a “high-performance engine” has a higher compression ratio and requires higher octane fuel. The advantage of a high compression ratio is that it gives your engine a higher horsepower rating for a given engine weight. It costs more to run, though.

A bit of history. The name “octane” comes from the following fact: When you take crude oil and “crack” it in a refinery, you end up getting hydrocarbon chains of different lengths. These different chain lengths can then be separated from each other and blended to form different fuels. For example, you may have heard of methane, propane and butane. All three of them are hydrocarbons. Methane has just a single carbon atom. Propane has three carbon atoms chained together. Butane has four. Pentane has five, hexane has six, heptane has seven, and Octane has eight carbons chained together.

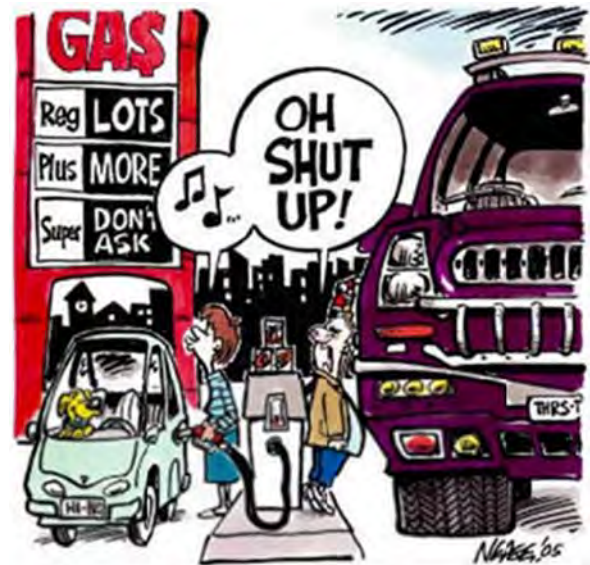
It turns out that heptane handles compression very poorly. Compress it just a little and it ignites spontaneously. Octane handles compression very well - - you can compress it a lot and nothing happens. Eighty-Seven-Octane gasoline is gasoline that contains 87 percent octane and 13

percent heptane (or some other combination of fuels that has the same performance of the 87/13 combination octane/heptane). It spontaneously ignites at a given compression level, and can only be used in engines that do not exceed that compression ratio.

During World War One, it was discovered that you can add a chemical called tetraethyl lead (TEL) to gasoline and significantly improve its octane rating above the octane/heptane combination. Cheaper grades of gasoline could be made usable by adding TEL. This led to the widespread use of “ethyl” or “leaded” gasoline. Unfortunately, the side effects of adding lead to gasoline are: Lead clogs a catalytic converter and renders it inoperable within minutes; and worse, the Earth became covered in a thin layer of toxic lead.

When lead was banned, gasoline became more expensive because refineries could not boost the octane ratings of cheaper grades any more. Only airplanes are still allowed to use leaded gasoline, known as AvGas, and octane ratings of 100 or more are commonly used in super-high-performance piston airplane engines. In the case of AvGas, 100 is the gasoline’s performance rating, not the percentage of actual octane in the gas. The addition of TEL boosts the compression level of the gasoline - - it doesn’t add more octane. Engineers are currently working on the development of airplane piston engines that can use unleaded gasoline.

Use of higher octane gasoline in lower compression engines does not improve performance, and can actually cause carbon buildup and other problems over the long run. The term “Premium” has long been used to describe higher octane gasoline, thereby causing some people to think it is better for their car, no matter what the compression ration or manufacturer recommendations. This is really a waste of money. Some manufacturers note octane levels that are “recommended” or “required”. If your manual says “required”, it’s best to use the octane specified. If it says “recommended”, you can try a lower octane rating in cooler, easier driving conditions and monitor performance and mileage. The computers in modern cars can adjust the spark and valve settings a bit to compensate for variations in octane. If you notice performance degradation or spark “knock” when trying lower octane gasoline, move back to the next higher octane rating.



*Reprint from The Connection (February 2011)
Submitted by Craig Iansiti*

 <p>PRO-REFLECTIONS <i>Detailing</i> www.proreflectionsllc.com</p>	<p>Brandon Goad, Owner proreflections19@gmail.com 1103 N. Clinton Ave, Building A St. Johns, MI 48879 517-624-9121</p> <p>FULL DETAILING CERAMIC COATING WINDOW TINTING PAINT CORRECTIONS AUTO ACCESSORIES</p> <p> igl coatings</p>
---	---

2024 CCCC SUPPORTERS

A BIG Thanks to our Supporters!



Ralph Shaheen
President

632 American Rd. • Lansing, MI 48911
Bus: (517) 394-0330 • Fax: (517) 394-5279 • (800) 678-8661
Email: rshaheen@shaheenchevrolet.com
www.shaheenchevrolet.com



MARY EXCELLENCE
AWARD WINNER

BEN BEHNKE

SHAHEEN CHEVROLET, INC.
632 AMERICAN RD
LANSING, MI 48911

Phone (517) 801-9253
Fax (517) 277-6565

Delhi Cafe
Indian goods & more

Spanakopita (spinach pie)
Tyropita (cheese pie)
Baklava
Kariidopita (walnut cake)
Galaktoboureko (custard pie)

*ask for Elaine or Theresa
Phone: 517-694-8655

available in small to large quantities
(45 hour notice)

4025 Walthamby Rd., Ego 48912
www.delhicafe-restaurant.com

GET ALL YOUR FAVORITES
ANY BUTTERBURGER CLASSIC SIDE AND DRINK IN ONE VALUE BASKET



PROUDLY DAIRY WISCONSIN

Culver's

1030 W Herbison Rd, DeWitt
3400 Okemos Rd, Okemos
5140 Times Square Dr, Okemos

Owner/Operators
Cory & January Chvala



Matt McCormick

South
801 N. Cedar St., Mason
(517) 676-2476
(517) 676-4530 Fax

East
2120 E. Saginaw (M-78)
(517) 337-7000
(517) 337-8300 Fax

GUTTER CLEAR OUTS
FALL CLEANUP
SNOW REMOVAL
(driveway & sidewalk)



Eliminate dirt, mold, mildew, grime and oxidation
power/soft wash - home, deck & patio,
roof, driveway & sidewalk cleaning,
solar panel cleaning, deck staining,
graffiti removal, rust removal & more.


CALL (517)894-5545 FOR A FREE QUOTE!



Ken & Kevin McNeilly
Owners

Office: (517) 244-1500
781 Hull Road
Mason, MI 48854
spartanbarr@aol.com

Lights - Barriades - Drums -
Traffic Control Signs - Safety Arrows
Barricades - PCMS Storage Barricades -
Custom & Permanent Signs



Andrea L. Utrup
Sales Manager

820 Charlevoix, Suite 260
Grand Ledge, MI 48837

GrandLedgeJewelers
Phone: (517)622-8684
Fax: (517)622-8383

Specializing in Certified Diamonds
and Fine Gemstone Jewelry



A-1 AUTO TRANSPORT
SAFE & RELIABLE VEHICLE SHIPPING

20% OFF International
& Domestic Auto Transport



Call 1-888-230-9116
www.a1autotransport.com



DAVID CHAPMAN
AGENCY

Bob Maynard

Main: (517) 321-4600
Cell: (517) 230-9750
Fax: (517) 321-9443

5700 W. Mt. Hope Hwy.
Lansing, MI 48917

blmaynard@aol.com
www.DavidChapmanAgency.com

Making Insurance and Bonds Easy

Quality Tire, Inc.

Quality Product * Quality Service
National & Government Accounts



5089 West Grand River Avenue - Lansing MI 48906

Mark A. Schon
(O) 517-321-0119
(F) 517-321-1349
(C) 517-648-1569



2024 CCCC SUPPORTERS

A BIG Thanks to our Supporters!



Tom Dys
Collision Center Manager

3901 Martin Luther King Jr. Blvd • Lansing, MI 48910
Bus: (517) 394-0330 • Fax: (517) 394-7640 • (800) 678-9561
Main (517) 272-2179 Direct (517) 272-2193
Email: tdys@corp.shaheenchvrolet.com
www.shaheenchvrolet.com



Thompson-Phelan Group, Inc.
9834 Dixie Highway
P.O. Box 105
Ansonville, MI 48004-0105

William J. Hass
Director of Architecture

585 725 8402 x 234
585 725 9839 fax
bill@thompsonphelan.com
www.thompsonphelan.com

When designing and building, we're together



Revive Auto Restyling
Professional Auto Detailing

326 S Bridge Street
Grand Ledge, MI

ReviveAutoRestyling.com
(517) 648-2226



Lake Lansing Road
Mobil Service, Inc.

Complete Auto Service
Touch-Free Car Wash

2704 Lake Lansing Road
Lansing, Michigan 48912
(517) 484-2000
Fax (517) 484-1402
www.lakelansingroadmobil.com

RICH BRATSCHI
Owner
rich@lakelansingroadmobil.com



NATIONWIDE
AUTO TRANSPORT

"Treating Your Vehicle Like Our Own"

800-689-6498

www.weshipyourcar.com



PHILLIP ZWOLENSKY
Manager

1221 W. STATE ROAD
LANSING, MI 48905-1155
www.cooperbodyshop.com

Phone: (517) 485-9397 Fax: (517) 372-1790
cooperbodyshop@sbcglobal.net



Adado Sales
TRAILERS TIRES SERVICE

www.adadosales.com

Monday - Friday: 8:00am - 6:00pm
Saturday: 9:00am - 2:00pm ~ Closed Sundays


Adado Sales
TRAILERS TIRES SERVICE

495 N Cedar Road
Mason MI 48854
(517) 676-9311

FULL SERVICE GARAGE
Auto repair for old and new vehicles ~ Trailer sales and repairs
Offering a full range of tires for cars, trucks and trailers
CCCC members receive a 10% discount on parts and labor!

Walmart **Haulmark** **Quantum** **Valley** **Goodyear**

We also offer storage for your car or trailer!



HONEYCOMB FARM

Pure Michigan Honey
Chemical Free Hives
Veteran Owned & Operated

Bill Hass
Owner & Operator (517) 285-1044



Meridian Hearing Centers
"Where Science Meets Art"

Patrick Garvey B.C.H.I.S.
Owner
"Your Hearing Health Is Our Number One Priority"

4 Locations serving mid-Michigan

www.meridianhearingllc.com Ph. (517) 574-5628



MOWINSKI FINANCIAL

www.MowinskiFinancial.com

800 W. Main St. 1110 E Bristol St. B 2162 Commons Parkway
Owosso, MI 48867 Burton, MI 48529 Okemos, MI 48864

Sparrow ADVANTAGE
A First Michigan Plan
Phone: 989.720.5072



AMERICAN MUSCLE

www.americanmuscle.com 1-877-887-1105

Ads are \$40 per year, prorated to \$4 per month (small), or \$75 per year, prorated to \$7 per month (large).

Ads help us pay for our annual webhosting fees and other club expenses. If you are interested in placing a business card ad on our Website, and in our newsletter, please send your ad/business card and check to:



Public Relations
Capital City Corvette Club
PO Box 27295
Lansing, MI 48909

CAPITAL CITY CORVETTE CLUB MEMBERS

The individuals/businesses listed in this newsletter help to support Capital City Corvette Club.

Please consider them when making purchases!

Capital City Corvette Club is proud to have



as our sponsor.

Dealership Contacts:

Ben Behnke – Sales/Club Contact ((517) 881-9253
Dan Williams – Service Advisor
Ralph Shaheen – President
Jason Cords – General Manager
Tom Hernly – Service Manager
Kevin Simpson – Event Coordinator
Tom Dys – Collision Center Manager

(517) 394-0330 Main Number
632 American Rd
Lansing, MI 48911



THE ULTIMATE AUTOMOTIVE EXPERIENCE



WE OFFER



**New
Chevrolet
Showroom
& Certified
Service**



**Pre-Owned
Vehicles All
Makes and
Models
Available**



**New
Cadillac
Showroom
& Certified
Service**



**Quick Lube
& Tire Center
8 Bays
800 Tires
in Stock**

WHY CHOOSE US

New Chevrolet Inventory to test drive

Pre-Owned offering every make and model

 www.shaheenchevrolet.com

 www.shaheencadillac.com

 **632 American Rd Lansing, MI**

ABOUT US

Over 3,100 Google reviews!

Family Owned serving Mid-Michigan since 1970