



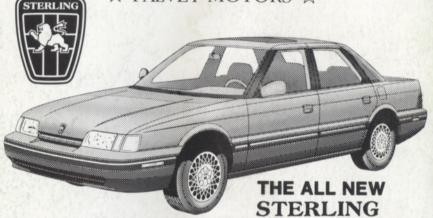


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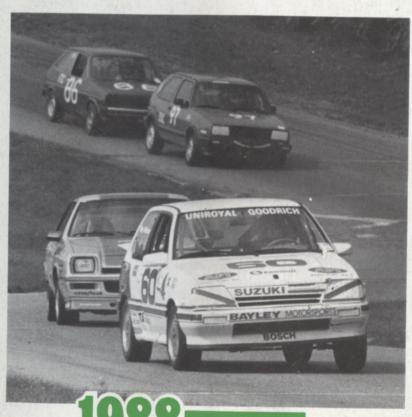
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WATERFORD DIGEST



DON CAS

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Staff

Editor: DAN HILL

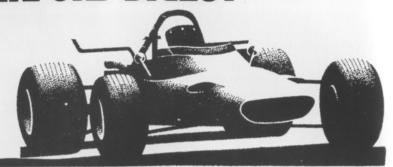
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DON CASTLE

Cover Photo by DON CASTLE

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The Inside Line

May, 1988! The start of another racing season here at Waterford Hills Road Racing.By some folks calculations this is the start of our 30th. year and we extend a special welcome to all of you, newcomers and regulars alike.

Even though there hasn't been any racing going on around here since last fall a lot has happened since the last race engine was shut down at the end of September.

The sharp-eyed will notice that the track surface looks darker and smother than before. That's because it has been repaved in its entirety... for the first time since the original job was done back in the late 50's.

The pavement contains a special latex binder intended to improve wear and traction characteristics. Keep an eye on the class records chart in your digest to see if our expectations pan out.

Club volunteers also completed the earthen berm/guardrail sound barrier down the back straight this spring. Additional bleachers, some new guardrail and track striping are planned for completion during the season. All of this is geared toward enhancing everyone's enjoyment of the competition here at Waterford.

Speaking of competition, class championships and TOP 10 drivers awards were hotly contested last season with many of the final standings decided in the last race weekend. Elsewhere in the digest you will find our special salute to the TOP 10 drivers of 1987.

WATERFORD DIGEST

Who will make the top 10 this year? Right now it's anybody's guess. Most of last years competitors have returned, some with new cars, the rest with cars improved during the off-season. Our spring drivers school has turned out 60 new drivers, many of whom will be cutting their competitive teeth right here this weekend.

So spread out the blanket or set up your chair. You came to see road racing and we came to RACE!

Cal Cortright

Officials.

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Ed Geiser, our service and racing director, performs too. With a team of factory-trained master technicians dedicated to maintaining your Porsche or Audi as long as you own it. Our master technicians receive the best training both with the factory and at the race track. Our award winning parts team, led by Steve Shepherd, performs to make sure that the parts you need are here when you need them.

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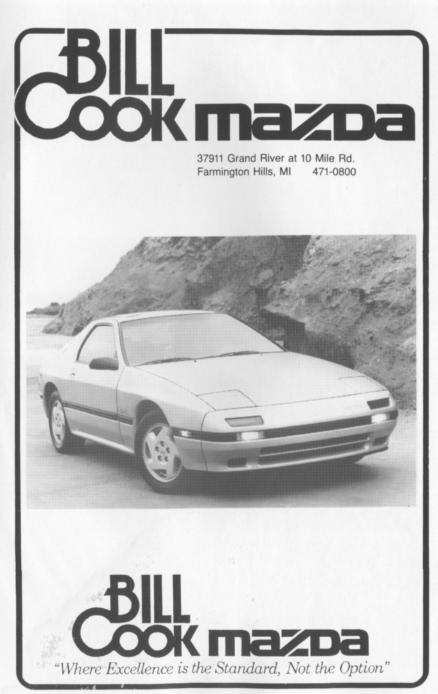
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PHOTOS BY DON CASTLE

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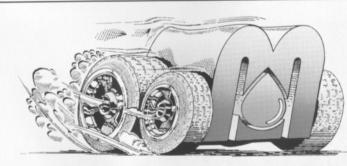




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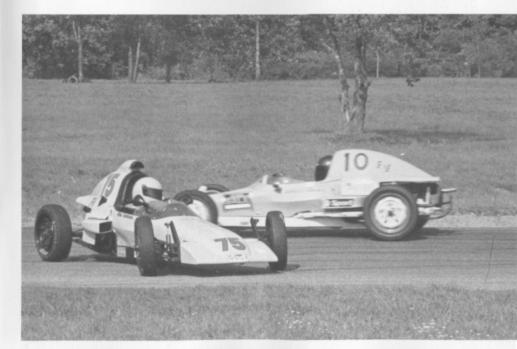
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WATERFORD DIGEST



1987 TOP TEN DRIVERS





1 - Gary Ray

2 - Tom Kozak

7 - Don Kitch







4 - Ted Wollesen 49 - Steve McNamara



5 - Robin Burnette



10 - Curt Catallo







WATERFORD DIGEST





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BFGOODRICH TAKE ON THE ROAD

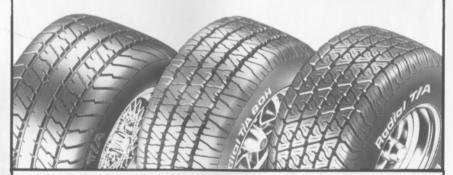
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WATERFORD DIGEST





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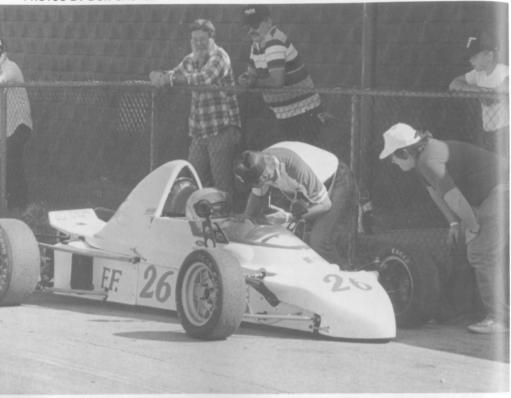
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WATERFORD DIGEST





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John **Morris** Ciaramitaro

Average Lap Speed

Min/Sec	MPH	Min/Sec	MPH	Min/Sec	MPH
1:00	85.326	1:15	68.261	1:30	56.884
1:01	83.927	1:16	67.363	1:31	56.259
1:02	82.574	1:17	66.488	1:32	55.647
1:03	81.263	1:18	65.635	1:33	55.041
1:04	79.993	1:19	64.805	1:34	54.463
1:05	78.762	1:20	63.995	1:35	53.890
1:06	77.569	1:21	63.204	1:36	53.329
1:07	76.411	1:22	62.434	1:37	52.779
1:08	75.288	1:23	61.681	1:38	52.240
1:09	74.197	1:24	60.947	1:39	51.713
1:10	73.137	1:25	60.230	1:40	51.196
1:11	72.106	1:26	59.530	1:41	50.689
1:12	71.105	1:27	58.846	1:42	50.192
1:13	70.131	1:28	58.846	1:43	49.704
1:14	69.183	1:29	57.523	1:44	49.227

The Waterford Hills Road Course is 1.4221 miles long (7,509 ft. center line of track). To determine the speed of any individual car, time it for one complete lap and read off the speed from this table.

Class Records

CLASS	DRIVER	CAR	DATE	TIME
FA FC FF FFR F4 FV F440 ASR CSR S2 SRP FP GP HGT12 GT3 GT4 GT5 ITA BITC SSA SSB SSC SSB SSC	ANDY FALBO JAY NOVAK VINCE MUZZIN DON KITCH MARK DAVIDSON STUART LAMONT LEE MCLEOD LARRY DUPUIS ED MURRAY EVAN MACDONALD ED MURRAY LARRY CAMPBELL TOM VANCAMP LOU LIVENGOOD BARRY HARTZEL KIRK CARLSON PAUL CAMERON DON SAK R. A. ALBO CRAIG ALLEN JERRY MORLEWSKI TED WOLLESEN GARY RAY GREG MANKIN MIKE JONES CAL CORTRIGHT BOBBY FEHAN SCOTT MCNEIL RON MILLER BILL ARTZBERGER	MARCH ROYALE CROSSLE CROSSLE 32 XPIT LYNX NOVAKAR CHEVRON M-2 JEDDI LOLA SPT RENAULT PORSCHE 356 MG MIDGET MG MIDGET MG MIDGET SPRITE CORVETTE FIERO LOTUS ELAN FIAT 124 MINI COOPER MAZDA RX-7 MAZDA RX-7 MAZDA RX-2 MUSTANG FIESTA CORVETTE DODGE SHELBY HONDA CRX SI VW GOLF GTI	8/83 9/84 6/78 7/87 5/84 7/83 7/81 9/85 9/85 9/85 9/85 9/87 6/80 7/78 8/81 7/78 8/86 7/87 9/85 9/85 9/85 9/85 9/85 9/85 9/85 9/87 8/87 8/87 8/87 8/87	1:06.10 1:09.30 1:09.40 1:12.30 1:17.00 1:12.50 1:15.70 1:14.60 1:10.50 1:10.50 1:12.80 1:11.50 1:20.30 1:16.30 1:16.20 1:17.00 1:20.40 1:13.20 1:40.10 1:18.70 1:25.40 1:25.40 1:28.30 1:27.60 1:21.60 1:27.00 1:27.00 1:27.00

WATERFORD DIGEST

Racing Classes

To insure fairness in competition, all road racing cars are grouped into racing classes by the Sports Car Club of America in its General Competition Rulebook (GCR). Waterford Hills Road Racing observes the GCR regulations with some minor exceptions.

The five Competition groups are: Production (sport cars), Showroom Stock (GT cars and sports cars with minimal modification), Sports Racing (Highly modified engine and body over wheels), GT (enclosed cockpit passenger cars and former big production cars), and Formula (open wheels single cockpit). Racing groups are subdivided into classes of equally competitive cars based upon engine size and handling characteristics.

The cars listed below are representative of their racing classes and include most of those you will see at

PRODUCTION

EP	Porsche 356 series,	MGB, Opel GT,	Porsche 914/4,	Triumph TR-4

Saab Sonnet, MG Midget Mk III & IV, Lotus 7, Triumph Spitfire Mk III & IV & 1500 GP

MG Midget Mk I & II. Triumph Spitfire Mk I & II. MGA, Austin Healy Sprite, Fiat X1/9. Fiat 124 Spider, Alfa Romeo, Porsche Coupe

Austin Healy Sprite Mk I & II. Fiat 850, MG Midget 948, Fiat Abarth

SHOWROOM STOCK

SS-GT	New class with current model cars of SSA plus additional modifications allowed
SSA	Mustang Cobra, Mazda RX series, Porsche 924, Capri V-6, Datsun 2807

SSB Triumph TR-8, Scirocco, Dodge Colt, Datsun 200SX, Fiat 124

SSC Fiat X1/9, Pinto, VW Rabbit, Renault LeCar, Mustang 2.3, MGB, Honda Civic, Toyota

Corolla, Pontiac Astre

SPORTS RACING

over 1300 cc but less than 6000 cc

CSR over 850 cc up to 1600 cc (with restrictions)

DSR below or equal to 850 cc

S/2000 uses Ford 2000 cc overhead cam engines only

GT CLASSES

Corvette, Camaro, Ford Cobra II, Shelby GT-350, Porsche 911 SC, Dodge Aspen GT-2 Datsun Z series, Mazda RX7, Porsche 914/6 & 924 Turbo, Sunbeam Tiger, Triumph

TR-6 & TR-8

Opel 1900, Datsun 510 1800, Mustang 2300, Pinto 2000 & 2300, Cosworth Vega GT-3 GT-4 Fiat 124 Sports Coupe, Pinto 1600, Toyota Celica, Dodge Colt, Toyota Corolla 1600,

Renault LeCar. Datsun 510 1600, Ford Escort/Lynx, VW Rabbit & Scirocco

Datsun 200SX, Austin/Morris Mini Cooper, VW 1300, NSU TT, Honda Civic, Fiat 124 GT-5

1200, Toyota Corolla 1200

FORMULA

Formula Ford — Cortina or Pinto 1600 cc engine, strict weight to engine ratio with

driver's weight included in total legal weight, very equal class Formula Ford Radial — the cars are the same as the above class except they must

use BF goodrich T/A radial tires

Formula Vee — all Volkswagen components, 1200 cc engine, driver's weight included

in total legal weight, very competitive class

F/ATLC Formula Atlantic — choice of engines in over 1100 cc up to 16000 cc range, wings

and other modifications allowed, not meant to be an inexpensive race car

F/CNTL Formula Continental — engine up to 1100 cc. rear wings allowed, combines the modifications of the previous Formula C and Formula Super Vee classes

F440 Formula 440 — utilizes Fuji two-cycle snowmobile engines and drive train, rigid

suspension, wings permitted

Formula Four — Canadian class, motorcycle engine power plant, engine size

determines weight and transmission allowed

Flags

yellow with red stripes



Take care, oil has been spilled or a slippery condition exists somewhere in your vicinity. Look at the track surface.

black



Sloppy or dangerous driving. Complete the lap you are on, stop at the Start/Finish line for consultation with Chief Steward. Waving Black Flag (displayed on all corner stations) means the race is stopped. Slow down immediately and proceed around the track with extreme caution to the pit lane for a re-start.

black with orange ball



(Meatball Black Flag) There is something mechanically wrong with your car. Proceed to your pits at reduced speed.

green



(Or no flag) Course is clear.

yellow



(Stationary) Take care, danger, no passing. (Waving) Great danger, be prepared to stop, no passing.

red



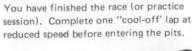
Waving red (displayed by the Starter only) means the race is stopped, slow down immediately and proceed around the track with extreme caution to the pit lane.

blue with diagonal yellow stripes



(Motionless) Another competitor is following you closely.

checkered





WATERFORD DIGEST

Waterford Hills Course Map

a 1.5 mile asphalt road course at waterford, michigan



Waterford Hills 1988 Road Racing Calendar Schedule

Race 1 May 28-29 Race 4 July 30-31 Race 2 June 25-26 Race 5 Aug. 27-28 Race 3 July 9-10 Race 6 Sept. 24-25

Mark your calendar now for the Fourth Annual Meadowbrook Historic Races to be held August 6 and 7 at Waterford Hills.

The races will not only feature vintage automobiles, there will also be two celebrity races on Saturday sponsored by Volkswagen. One race will feature local media representatives racing identically equipped VWs, the other will feature national media reps. in the same cars. Last year these turned into very competitive matches and it appears they will again this year.

Watch for more details in coming Digests and plan to be there.

Vintage Race Aug. 6-7

RACING RAIN OR SHINE

The hills of Waterford are being invaded . . . with an army of sports cars, sedans and formula cars in fierce, wheel to wheel competition . . . and for 1988 we've assembled the largest field in our 30 year history! Watch over 130 top drivers battle it out in the finest racing machinery from America and Europe. Corvette, Porsche, Datsun. Everything from Capris to Camaros, McLarens to MG's. All together, fighting it out on a mile-and-a-half track with 13 right and left turns that twist up and down hills like no other road course in the U.S.A.

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Admission is just \$3.00 for Saturday, \$5.00 for Sunday, or \$6.00 for the entire weekend. Children under 12 are always free and a Season Ticket is only \$20.00. The track opens at 10 a.m. for practice and qualifying. Racing begins at 1:30 p.m. on Saturday (seven races) and at 11:30 a.m. on Sunday (ten races). For more information phone (313) 623-0444.

EASY TO GET TO

Chances are you live within a few minutes of the Midwest's premier road course. The W.H.R.R.I. Race Track is located just 6 miles north of Pontiac on Waterford Road, 1/4 mile each of Dixie Highway (U.S. 10) in Waterford, Michigan. The easiest route to take is I-75 to the southbound Sashabaw Exit. Take Sashabaw south to Pelton Road, then take Pelton west to Waterford Road. The total distance after exiting the expressway is 2-1/2 miles.

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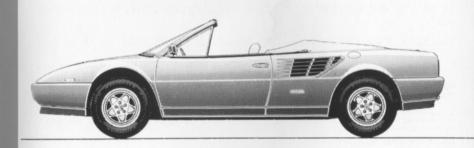
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