

This is the Expert route book from the 2003 Discover Ontario Road Rally. This rally was presented by the Toronto Autosport Club.

These instructions are posted for informational purposes only. Because roads and signage change, the instructions may not work correctly. If you attempt to follow this route, you do so at your own risk.

This rally was written by Brooke Jacobs and Mitch Lackie. If you have any questions, please feel free to contact us.

brooke@brooke.net
mitch@lackie.com

www.brooke.net/docr
www.torontoautosportclub.ca

Hi, and welcome to the 2003 DISCOVER ONTARIO CAR RALLY! This year's rally will take you North and East of here on a tour of this scenic part of the province.

The following shortforms will be used in the rally:

R	Turn right
L	Turn left
SA	Straight ahead
Tee	Tee intersection approached from the stem of the T
TS	Traffic signal
Bear	A turn of less than 90 degrees
Stop	Stop sign
SOS	Start of section
EOS	End of section - time to reset your trip odometer to 0.0 and start the next section.
RRX	Railway Crossing
BQZ	Begin Quiet Zone - No extra lights or noise
EQZ	End Quiet Zone
CAS	Commence Average Speed
ORT	Oncoming Rally Traffic

Roads with "Dead End" or No Exit" signs are deemed not to exist.

The last instruction of a section is the same as the first instruction of the next section.

All Checkpoints except the finish are timed to the second. The finish is timed to the minute.

Add a pause of :10 at every railway crossing and four way intersections where everybody has a stop sign.

There are NO spelling 'gotchas' in this rally. If you come across a spelling mistake or the like, it is not a trick.

IF YOU GET LOST determine where you are on the map provided. Go to the start of the next section. Reset your odometer to zero and you are back in the rally. Car 0 times are given at the end of each section. This time plus your car number is the time you should be there. If you are more than 30 minutes behind this time, skip ahead until you are within the 30 minute window.

PLEASE NOTE: Should you encounter any major problems and not be able to make it to the finish, please be sure to call the rally co-organizer, Brooke Jacobs on his cell phone to let him know. His number is 416-930-2590.

In the real Route Book, we included a ruler on this page to help in solving Section 4.

SECTION 1 - E

This first part of the rally is pretty straightforward and will take you to the odometer check and beyond. Simply follow the route instructions and it'll be easy! Take 17 minutes and 39 seconds to get to the odometer check. After that, just drive to average the speeds given.

- 0.00 Zero your odometer at the stop sign and turn right onto Bayfield.
- 0.19 Go straight ahead at the traffic signal at Cundles
- 0.54 Go straight ahead at the traffic signal at Ferris Lane
- 0.80 Go straight ahead at the traffic signal at Coulter St.
- 0.90 Go straight ahead at the 400 on ramp (DO NOT GET ON THE HIGHWAY!)
- 1.10 Turn left at the traffic signal onto Rose St.
- 1.20 Keep left **onto** the Highway 400 on-ramp
- 3.30 Bear right onto the Duckworth exit off-ramp (Exit 102)
- 3.73 Go straight ahead at the traffic signal at Duckworth
- 5.50 Go straight ahead at Johnson
- 5.90 Go straight ahead at Larkin
- 6.11 Stop and go straight ahead at Pentetanguishene Rd.
- 8.20 Go straight ahead.
- 10.29 Stop and turn left onto Ridge Rd. W.
- 11.21 Go straight ahead at Range Rd.
- 11.89 Go straight ahead at Martine Cr.
- 12.10 Go straight ahead at Paisley Ct.
- 12.70 Go straight ahead at Line 2
- 12.84 Go straight ahead at O'Brien St.
- 13.01 Go straight ahead at Gowan Rd.
- 13.24 Go straight ahead at Spencer Trail
- 14.11 Turn left onto Line 3 S.
- 14.43 **ODO CHECK AT THE YELLOW BACKPACKER SIGN**
Take 17:39 to reach this point. CAS 72
- 18.35 Turn left and follow 3rd Line CAS 63
- 18.89 Stop Tee left onto Line 3 N. CAS 72
- 20.78 Go straight ahead at Ski Trails Rd.
- 22.00 Turn right onto 15/16 SR.(EOS)

SECTION 2 - E

Find all the words in the word list in this puzzle. Words can appear in any direction including diagonally. The remaining unused letters represent your instruction. L = Left, R = Right, S = Straight Ahead. Use these letters in order, left to right, top to bottom. Distances for all of the instructions are at the bottom of this page. A couple of the words are given to get you started.

T H G I R E T U C A S
T F E L R D O R S A T
S S N A V I G A T O R
N L E R R S S R N S A
M B R A E C B L I R I
U L T L V O R P O C G
L N R L I V O I P G H
O T I Y R E O L K A T
C N T G D R K U C E R
E O O D O M E T E R E
C N I A M I T C H C I
R T D I S T A N C E T

Word List:

RALLY, DISCOVER, ONTARIO, DRIVER, NAVIGATOR, CAR, ROAD, TULIP,
STRAIGHT, MITCH, BROOKE, LINE, COLUMNS, ODOMETER, CHECKPOINT,
DISTANCE, BEAR, RIGHT, LEFT, TEE, ACUTE

Distances:

0.00, 1.36, 2.81, 4.28, 7.01 (Old Barrie Rd.), 10.73, 12.29, 13.70 (8th Line), 13.94, 16.31, 19.51

SECTION 3 - E

In this section, we'll give you the time it should take you to reach the next instruction at the given speed. The times are in order, are non-accumulative from the previous instruction and are given in minutes and decimal minutes. These times do not include any pauses.

0.00	Stop L	
0.32	SA	
0.59	SA	
0.10	L	
2.33	Stop R	Bass Lake SR
1.16	L	
3.08	Stop Tee R	
0.13	SA	
1.09	L	Line 12
2.60	Stop L	
1.18	Stop SA	
1.43	Stop SA	
1.18	Stop SA	
0.07	RRX	
1.26	L	Line 8
1.21	RRX	
1.95	Stop R	

SECTION 4 - E

In this section you will plot points on the EOS map. Then find the shortest route from SOS to EOS that passes through those points, in order.

First, find the dots that represent Martinville and Edgar on the map. Then, for each point, find the spot on the map that is the proper distance in centimeters from **both** dots. If there are two possible solutions for placement of a point, use the one that will create the shortest path from SOS to EOS.

1. 3.4cm from Martinville, 5.6cm from Edgar
2. 4.0cm from Martinville, 3.0cm from Edgar
3. 4.4cm from Martinville, 2.1cm from Edgar (this point is **on** 5/6 SR)
4. 3.9cm from Martinville, 3.3cm from Edgar
5. 4.7cm from Martinville, 3.1cm from Edgar

SECTION 5 - E

Satisfy the following conditions:

Go straight at traffic signals.

When encountering four way intersections where perpendicular traffic stops and you don't, alternate going straight then left starting with straight.

Turn right at tee intersections.

At four way intersections where you stop, alternate left then right starting with left.

At right junction intersections alternate going straight and turning right, starting with going straight.

Go straight at left junction intersections except at 22.63 km.

6.70 Ingram Rd.

16.43 Line 6

SECTION 6 - E

This is a waffle section. Start at the indication of SOS and perform the instruction given there. The next instruction is either directly above, below, or beside the instruction you just performed. The distances that join the instructions are non-accumulative from the last intersection. When you find a distance that matches, perform that instruction. Continue on until you reach the end of the section. You may use instructions in the waffle more than once.

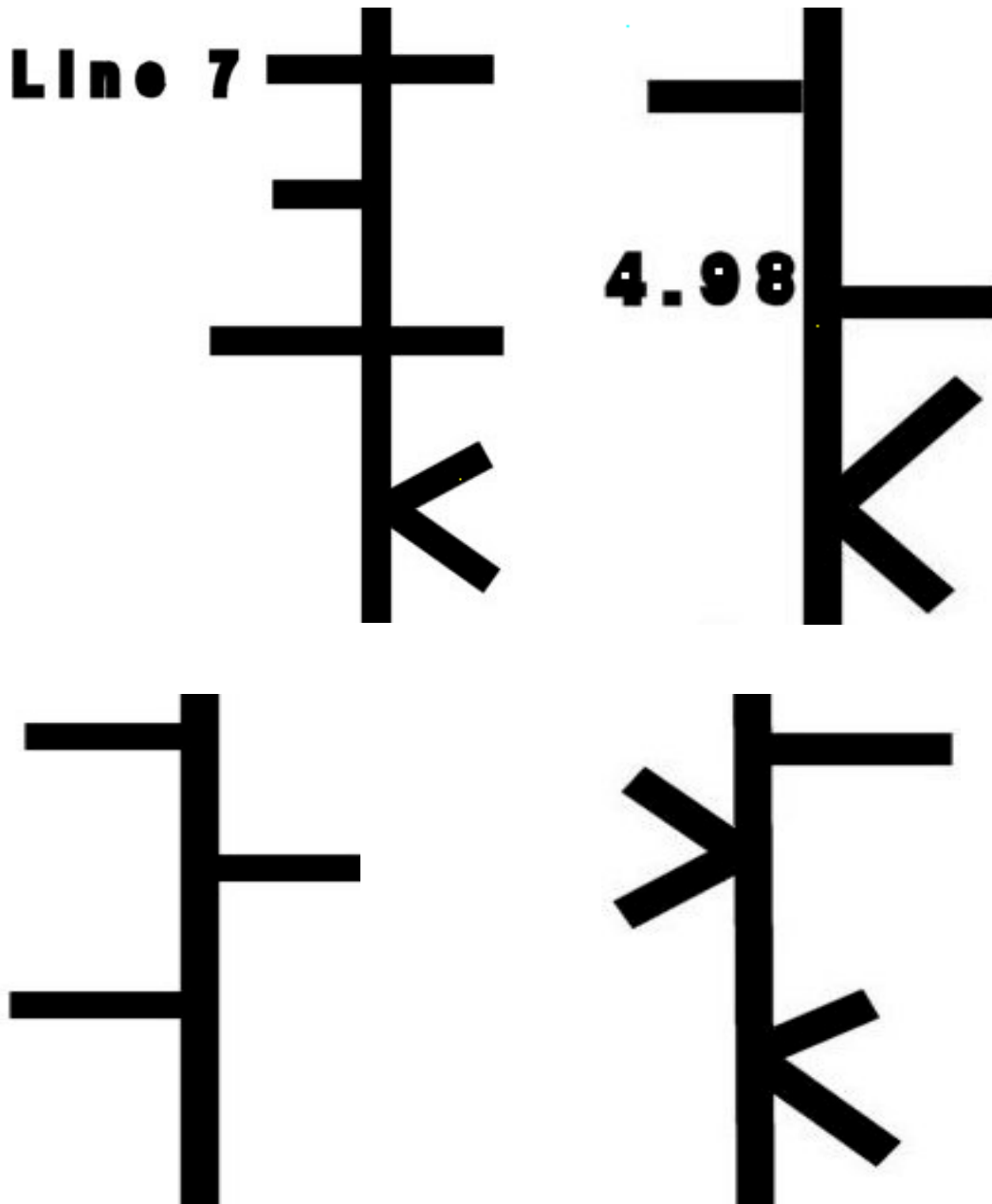
		L	–	1.38	–	R	–	0.72	–	SA	–	1.94	–	WRX
		1.51				3.70				0.29				2.10
		RRX	–	0.22	–	R	–	1.33	–	L	–	0.87	–	SA
		1.00				0.28				3.11				0.73
SOS	à	L	–	0.68	–	RRX	–	0.68	–	L	–	2.11	–	RRX
		2.14				1.29				1.74				2.02
		L	–	1.63	–	R	–	1.40	–	SA	–	3.12	–	R
		0.34				3.14				1.01				1.45
		SA	–	0.95	–	R	–	2.66	–	SA	–	2.13	–	L
		1.33				1.41				2.96				3.51
		L	–	0.15	–	R	–	0.98	–	R	–	2.45	–	L

4.42 Mt. St. Louis Rd.

11.99 Line 10

SECTION 7 - E

Our straight line got broken up into four parts and then mixed up. Use each part only once. The straight line sections may not be in order. Start at the top of each segment.



11.19 Bass LakeRd.
17.89 Old Barrie Rd.

SECTION 8 - E

0.00 	8.76 	18.22 Old 2 nd Rd. S.	20.80 	26.31
7.40 Old Barrie Rd.	21.99 Craig Rd.	25.50 	2.88 	17.28
26.19 	19.49 	16.00 	1.40 	10.81
13.90 	21.80 	25.22 	4.25 	24.73
25.03 	23.49 	16.90 	20.56 	11.76

SECTION 9 - E

Time to head in to the finish, grab a bite to eat, commiserate with your fellow rallyists and wait for the results.

Turn left onto Bayfield/Cty 27 and go straight for 5.57 km until you get to the traffic signals at Heather Street. Turn right and enter the mall parking lot on your left. Park your car and come in to the Golden Griddle.

Do the following to calculate the time to take in this section: Take your car number and add 22 to it. This becomes your "magic" number. Add the two digits of your "magic" number together (ie. if you're "magic" number is 26 then, $2 + 6 = 8$) then subtract that number from your "magic" number. Look that number up in the list and take the matching number of minutes and seconds to complete this section.

1	16:36	26	11:32	51	15:07	76	10:38
2	11:00	27	11:44	52	13:10	77	13:43
3	11:45	28	10:54	53	17:21	78	12:37
4	17:39	29	16:21	54	11:44	79	14:49
5	17:17	30	11:57	55	12:50	80	14:09
6	11:39	31	17:55	56	16:23	81	11:44
7	15:16	32	14:21	57	14:55	82	12:58
8	11:47	33	12:48	58	9:46	83	16:08
9	11:44	34	17:40	59	13:54	84	9:11
10	11:16	35	15:16	60	15:05	85	13:36
11	16:41	36	11:44	61	11:06	86	9:59
12	9:01	37	16:28	62	15:35	87	15:01
13	17:48	38	15:43	63	11:44	88	17:51
14	13:22	39	17:58	64	15:55	89	13:39
15	9:45	40	12:30	65	12:23	90	11:44
16	11:45	41	16:44	66	14:23	91	16:09
17	13:26	42	15:41	67	9:18	92	13:51
18	11:44	43	13:57	68	16:17	93	17:21
19	16:46	44	16:52	69	15:03	94	16:37
20	10:12	45	11:44	70	15:11	95	13:27
21	16:31	46	16:43	71	11:29	96	16:47
22	16:40	47	10:27	72	11:44	97	15:58
23	16:35	48	10:03	73	14:18	98	12:43
24	14:14	49	10:54	74	13:22	99	11:44
25	14:03	50	13:23	75	13:38	100	15:55

EOS Descriptions

Section 1 ends heading North on Line 3, about to turn East (right) onto 15/16 Sideroad. Section 1 is 22.00 km long and car 0 is due approximately 12:54.

Section 2 ends heading South on 9th Line, about to turn East (left) onto Old Barrie Rd. East. Section 2 is 19.51 km long and car zero is due approximately 1:14.

Section 3 ends heading South on Line 8, about to turn West (right) onto Horseshoe Valley Rd. Section 3 is 23.59 km long and car zero is due approximately 1:36.

Section 4 ends heading West on 30/31 Sideroad. This labeled as Dwinnell Rd. on the map, but the signs say 30/31 SR. You are about to turn North (right) onto Penetanguishene Rd. (Cty. 31). Section 4 is 22.11 km long and car zero is due approximately 1:59.

Section 5 ends heading East on Mt. St. Louis Rd., about to turn North (left) onto Line 10. Section 5 is 24.06 km long and car zero is due approximately 2:22.

Section 6 ends heading South on Line 11, about to turn West (right) onto Bass Lake Rd. Section 6 is 20.13 km long and car zero is due approximately 2:43.

Section 7 ends heading South on 6th Line, about to turn West (right) onto 15/16 Sideroad. Section 7 is 20.62 km long and car zero is due approximately 3:03.

Section 8 ends heading West on Doran Rd, about to turn South (left) onto County Road 27 (Bayfield Road). Section 8 is 26.31 km long and car zero is due approximately 3:30.

Section 9 ends heading South on Bayfield Rd, about to turn West (right) onto Heather St., to enter the parking lot. Section 9 is 5.61 km long and car zero is due approximately 3:42.

Speeds & Timing - E

Distances are given from the start of the rally (0.00 of section 1)

Distance	Cas	Pause
14.43	72	
18.35	63	
18.89	72	
29.01		:16
41.51		:16
55.18		:02
59.81		:10
62.77		:10
65.11		:06
72.86	54	
76.06	72	
84.35	36	
86.51	72	
89.91	54	
90.69		:40
91.56	72	:10
109.75		:10
111.57		:10
111.79	54	
112.07		:10
113.36	72	
134.01	51	
134.81	72	
139.29		:09
160.08		:60
166.84	54	
167.52	72	
171.88		:04
173.31	54	
174.81	63	
175.62	45	
176.72	36	

EOS Descriptions

Section 1 ends heading North on Line 3, about to turn East (right) onto 15/16 Sideroad. Section 1 is 22.00 km long and car 0 is due approximately 12:54.

Section 2 ends heading South on 9th Line, about to turn East (left) onto Old Barrie Rd. East. Section 2 is 19.51 km long and car zero is due approximately 1:14.

Section 3 ends heading South on Line 8, about to turn West (right) onto Horseshoe Valley Rd. Section 3 is 23.60 km long and car zero is due approximately 1:36.

Section 4 ends heading West on 30/31 Sideroad. This labeled as Dwinnell Rd. on the map, but the signs say 30/31 SR. You are about to turn North (right) onto Penetanguishene Rd. (Cty. 31). Section 4 is 21.40 km long and car zero is due approximately 1:59.

Section 5 ends heading East on Mt. St. Louis Rd., about to turn North (left) onto Line 10. Section 5 is 24.06 km long and car zero is due approximately 2:22.

Section 6 ends heading South on Line 11, about to turn West (right) onto Bass Lake Rd. Section 6 is 20.13 km long and car zero is due approximately 2:43.

Section 7 ends heading South on 6th Line, about to turn West (right) onto 15/16 Sideroad. Section 7 is 20.62 km long and car zero is due approximately 3:03.

Section 8 ends heading West on Doran Rd, about to turn South (left) onto County Road 27 (Bayfield Road). Section 8 is 26.31 km long and car zero is due approximately 3:30.

Section 9 ends heading South on Bayfield Rd, about to turn West (right) onto Heather St., to enter the parking lot. Section 9 is 5.61 km long and car zero is due approximately 3:42.