



cityofnovi.org

CITY of NOVI CITY COUNCIL

Agenda Item K
August 8, 2011

SUBJECT: Approval of: 1) Traffic Control Orders 11-03 through 11-11 for traffic control devices that are currently installed, 2) Traffic Control Orders 11-12 and 11-13 for the installation of stop signs to replace yield signs at two intersections, 3) Traffic Control Orders 11-14 through 11-16 to create an all way stop at the intersection of Thatcher Drive and Cavendish Avenue West, and 4) Traffic Control Orders 11-17 through 11-19 to create an all way stop at the intersection of Cavendish Avenue East and Perceval Lane—all within Churchill Crossing Phases 1 and 2.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BAC*

CITY MANAGER APPROVAL: *[Signature]* *R24*

BACKGROUND INFORMATION:

A representative of the Churchill Crossing Homeowners Association contacted City staff (see June 8, 2011 letter, attached) to request a speed and traffic study to address concerns of some homeowners in the subdivision. Specifically, the homeowners expressed concerns about speeding near the intersection of Perceval Lane and Cavendish Avenue East. The request has been reviewed by Birchler-Arroyo, the City's traffic engineering consultant. The attached June 14, 2011 report by Birchler Arroyo noted that while there was not a significant issue concerning speed, there were issues with sight distance at a few intersections in Churchill Crossing. The traffic consultant recommends the installation of a three-way stop at the intersection of Perceval Lane and Cavendish Avenue East, and at the intersection of Thatcher Drive and Cavendish Avenue West. The report also recommends replacing two existing yield signs with stop signs due to concerns with sight distance for southwestbound Cavendish Avenue East at Thatcher Drive and for northeastbound Cavendish Court at Cavendish Avenue West.

Staff supports the recommendations by Birchler-Arroyo and has prepared traffic control orders (summarized in the table below and shown on the attached location map) for these intersections.

In reviewing the existing signage in the subdivision, staff determined that traffic control orders were not adopted for the existing stop signs within Churchill Crossing 1 and 2. Traffic Control Orders are required under the Uniform Traffic Code to enforce traffic control signs that have been installed. Therefore, staff has prepared traffic control orders for the existing signage (as detailed below) within the subdivision. (Note that Churchill Crossing phase 3 has not been presented to the City for formal street acceptance and that traffic control orders would be presented for consideration at that time).

TCO No.		TCO No.	Description
Existing Signs without Traffic Control Orders		New or Revised Signs based on Traffic Report	
11-03	Southwestbound Thatcher Drive to Stop at Cavendish Ave East	11-12	Northeastbound Cavendish Court to Stop at Cavendish Ave West
11-04	Westbound Perceval Lane to Yield at Cavendish Ave East	11-13	Southwestbound Cavendish Ave East to Stop at Thatcher Drive
11-05	Northbound Churchill Blvd to Stop at Cavendish Ave West	11-14	Southeastbound Thatcher Drive to Stop at Cavendish Ave West
11-06	Southeastbound Thatcher Drive to Yield at Cavendish Ave East	11-15	Northwestbound Thatcher Drive to Stop at Cavendish Ave West
11-07	Northbound Thatcher Court to Yield at Cavendish Ave East	11-16	Northeastbound Cavendish Ave West to Stop at Thatcher Drive
11-08	No Parking in the court on Perceval Lane adjacent to the island	11-17	Southbound Cavendish Ave East to Stop at Perceval Lane
11-09	No Parking in the court on the Cavendish Ave East adjacent to the island	11-18	Northbound Cavendish Ave East to Stop at Perceval Lane
11-10	No Parking adjacent to the cul-de-sac island on Thatcher Court	11-19	Eastbound Perceval Lane to Stop at Cavendish Ave East
11-11	No Parking adjacent to the cul-de-sac island on Cavendish Court		

Staff will work with the Association to facilitate the installation of the new signage.

RECOMMENDED ACTION: Approval of: 1) Traffic Control Orders 11-03 through 11-11 for traffic control devices that are currently installed, 2) Traffic Control Orders 11-12 and 11-13 for the installation of stop signs to replace yield signs at two intersections, 3) Traffic Control Orders 11-14 through 11-16 to create an all way stop at the intersection of Thatcher Drive and Cavendish Avenue West, and 4) Traffic Control Orders 11-17 through 11-19 to create an all way stop at the intersection of Cavendish Avenue East and Perceval Lane—all within Churchill Crossing Phases 1 and 2.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Fischer				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Staudt				
Council Member Wrobel				

Traffic Control Orders

Churchill Crossing



Map Author: Brian Coburn
 Date: 7/29/11
 Project:
 Version #:

Map Legend

- Existing Signs without TCOs
- New/Changed Signs
- Churchill Crossing #1
- Churchill Crossing #2
- Churchill Crossing #3



City of Novi
 Engineering Division
 Department of Public Services
 26300 Delwal Drive
 Novi, MI 48375
cityofnovi.org

MAP INTERPRETATION NOTICE
 Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet national Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-03

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

THATCHER DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

SOUTHWESTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE EAST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-03 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

SOUTHWESTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE EAST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-04

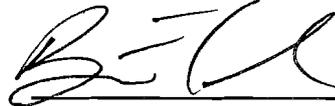
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

PERCEVAL LANE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE YIELD SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

WESTBOUND PERCEVAL LANE TO YIELD AT CAVENDISH AVE EAST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-04 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

WESTBOUND PERCEVAL LANE TO YIELD AT CAVENDISH AVE EAST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-05

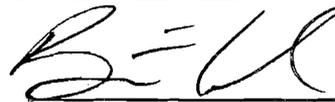
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CHURCHILL BLVD

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHBOUND CHURCHILL BLVD TO STOP AT CAVENDISH AVE WEST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-05 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NORTHBOUND CHURCHILL BLVD TO STOP AT CAVENDISH AVE WEST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-06

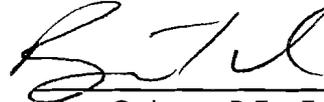
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

THATCHER DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE YIELD SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

SOUTHEASTBOUND THATCHER DRIVE TO YIELD AT CAVENDISH AVE EAST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-06 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

SOUTHEASTBOUND THATCHER DRIVE TO YIELD AT CAVENDISH AVE EAST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-07

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

THATCHER COURT

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE YIELD SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHBOUND THATCHER COURT TO YIELD AT CAVENDISH AVE EAST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-07 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NORTHBOUND THATCHER COURT TO YIELD AT CAVENDISH AVE EAST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011 .

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

 SPEED
 X PARKING
 OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-08

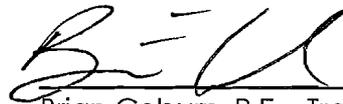
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

PERCEVAL LANE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO PARKING SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO PARKING IN THE COURT ON PERCEVAL LANE ADJACENT TO THE ISLAND



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-08 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NO PARKING IN THE COURT ON PERCEVAL LANE ADJACENT TO THE ISLAND

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

 SPEED
 X PARKING
 OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-09

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH AVE EAST

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO PARKING SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO PARKING IN THE COURT ON THE CAVENDISH AVE EAST ADJACENT TO THE ISLAND



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-09 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NO PARKING IN THE COURT ON THE CAVENDISH AVE EAST ADJACENT TO THE ISLAND

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

 SPEED
 X PARKING
 OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-10

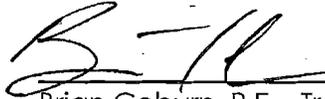
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

THATCHER COURT

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO PARKING SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO PARKING ADJACENT TO THE CUL-DE-SAC ISLAND ON THATCHER COURT



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-10 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NO PARKING ADJACENT TO THE CUL-DE-SAC ISLAND ON THATCHER COURT

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

 SPEED
 X PARKING
 OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-11

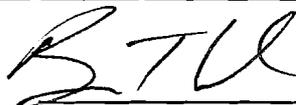
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH COURT

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO PARKING SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO PARKING ADJACENT TO THE CUL-DE-SAC ISLAND ON CAVENDISH COURT



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-11 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NO PARKING ADJACENT TO THE CUL-DE-SAC ISLAND ON CAVENDISH COURT

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-12

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH COURT

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHEASTBOUND CAVENDISH COURT TO STOP AT CAVENDISH AVE WEST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-12 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NORTHEASTBOUND CAVENDISH COURT TO STOP AT CAVENDISH AVE WEST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-13

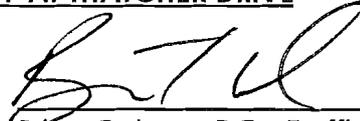
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH AVE EAST

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

SOUTHWESTBOUND CAVENDISH AVE EAST TO STOP AT THATCHER DRIVE



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-13 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

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SOUTHWESTBOUND CAVENDISH AVE EAST TO STOP AT THATCHER DRIVE

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-14

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

THATCHER DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

SOUTHEASTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE WEST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-14 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

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SOUTHEASTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE WEST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-15

PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

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THATCHER DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHWESTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE WEST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-15 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

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NORTHWESTBOUND THATCHER DRIVE TO STOP AT CAVENDISH AVE WEST

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011:

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-16

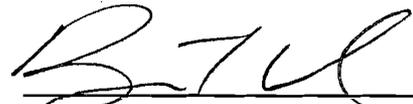
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH AVE WEST

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHEASTBOUND CAVENDISH AVE WEST TO STOP AT THATCHER DRIVE



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-16 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NORTHEASTBOUND CAVENDISH AVE WEST TO STOP AT THATCHER DRIVE

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-17

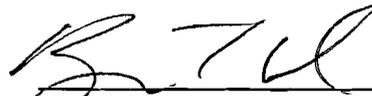
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH AVE EAST

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

SOUTHBOUND CAVENDISH AVE EAST TO STOP AT PERCEVAL LANE



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-17 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

SOUTHBOUND CAVENDISH AVE EAST TO STOP AT PERCEVAL LANE

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 07/29/2011
CONTROL NUMBER: 11-18

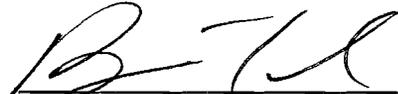
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

CAVENDISH AVE EAST

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NORTHBOUND CAVENDISH AVE EAST TO STOP AT PERCEVAL LANE



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-18 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

IT IS FURTHER ORDERED AND DIRECTED THAT THIS ORDER SHALL BECOME EFFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

NORTHBOUND CAVENDISH AVE EAST TO STOP AT PERCEVAL LANE

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

SPEED
 PARKING
 OTHER

DATE OF ORDER: 07/29/2011

CONTROL NUMBER: 11-19

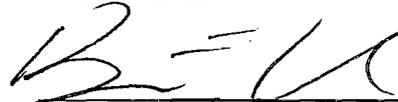
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING MANAGER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC. 33.141 OF THE AFORESAID CHAPTER.

ISSUANCE OF THIS TRAFFIC CONTROL ORDER WAS PRECEDED BY STUDY AND INVESTIGATION OF TRAFFIC CONDITIONS ON THE FOLLOWING PUBLIC ROAD OR ROADS IN THE CITY OF NOVI, MICHIGAN.

PERCEVAL LANE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE STOP SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

EASTBOUND PERCEVAL LANE TO STOP AT CAVENDISH AVE EAST



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/29/2011

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 11-19 HAVING BEEN PRESENTED TO THE COUNCIL OF THE CITY OF NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HEREBY APPROVED AND IT IS HEREBY ORDERED AND DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OF THE CITY CLERK AND A COPY THEREOF IN THE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.

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EASTBOUND PERCEVAL LANE TO STOP AT CAVENDISH AVE EAST

ADOPTED AT THE REGULAR MEETING OF CITY COUNCIL ON 08/08/2011.

By: _____
David Landry, Mayor

By: _____
Maryanne Cornelius, Clerk

Churchill Crossing Homeowners Association

Novi, Michigan 48375

June 8, 2011

Brian T. Coburn, P.E., Engineering Manager
City of Novi, Dept. of Public Services
26300 Delwal Drive
Novi, MI 48375
248-735-5632

SENT VIA E-MAIL

Mr. Coburn,

As the representative for the Association, I am requesting on behalf of the Association that the City of Novi initiate a traffic and speed study in Churchill Crossings to address the concerns of homeowners in the community.

I would like to communicate to the association members the amount of time it will take for the study and the possible next steps. Please provide any information you can on the study.

If you have any questions, please feel free to contact me. I can be reached by e-mail at jschuirmann@thecondopros.com and by phone at 734-663-1900 ext 232.

Sincerely,

Joe Schuirmann, CMCA, AMS



MEMORANDUM

DATE: June 14, 2011

TO: Brian T. Coburn, P.E.
Engineering Manager, City of Novi

FROM: Rodney L. Arroyo, AICP, Vice President
William A. Stimpson, P.E., Director of Traffic Engineering

SUBJECT: Churchill Crossing Subdivision



BIRCHLER ARROYO
ASSOCIATES, INC.

At your request, we have studied the east intersection of Perceval Lane and Cavendish Avenue East to determine whether or not the existing YIELD sign on Perceval should be replaced by STOP signs on all three intersection approaches. This memo summarizes our recommendations and supporting analyses. Also, since a few similar issues elsewhere in the subdivision have not yet been addressed in response to our August 2008 study for Mr. McCusker, the key findings and recommendations of that earlier study are repeated here for your convenience. Figure 1 (below) summarizes all recommended signing changes.

Recommendations

1. All-way STOP-sign control should be implemented at the east intersection of Perceval Lane and Cavendish Avenue East, replacing the existing YIELD sign on the eastbound Perceval approach.
2. All-way STOP-sign control should be implemented at the west intersection of Thatcher Drive and Cavendish Avenue West, replacing the improperly located YIELD sign on southeast-bound Thatcher (the subdivision engineering drawings called for the YIELD to be on northeast-bound Cavendish).
3. The existing YIELD sign on the southwest-bound Cavendish East approach to Thatcher Drive should be replaced by a (one-way) STOP sign.
4. The existing YIELD sign on the northeast-bound Cavendish Court approach to Cavendish Avenue West should be replaced by a (one-way) STOP sign.
5. All traffic control signs in the subdivision should be checked for maintenance issues (such as twisted or leaning posts), and to confirm the existence of appropriate traffic control orders.

Supporting Analyses

Criteria – The *Michigan Manual on Uniform Traffic Control Devices (MMUTCD)* limits what the City can legally do with respect to traffic control signs. That manual, in Section 2B.05, states that "STOP signs shall not be used for speed control." Traffic engineering experience and past research studies have shown that installing STOP signs specifically to control speeds will – at least over a period of time – result in an excessive number of such signs, greater disrespect for them, more rolling stops, and higher speeds between the signs as drivers attempt to "make up for lost time." Young children stepping out from behind parked cars could be struck if they expect all vehicles to fully stop, whereas adults know many will not.



Figure 1. Locations of Recommended Traffic Control Changes within Churchill Crossing Subdivision

The MMUTCD lists four specific conditions that *can* be used to justify the installation of a STOP sign:

- A. Intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;
- B. Street entering a through highway or street;
- C. Unsignalized intersection in a signalized area; and/or
- D. High speeds, restricted view, or crash records indicate a need for control by [a] STOP sign.

Also, "STOP signs should be installed in a manner that minimizes the numbers of vehicles having to stop. At intersections where a full stop is not necessary at all times, consideration should be given to using less restrictive measures such as YIELD signs." The Road Commission for Oakland County (RCOC) has recommended a procedure for choosing between stop and yield control on the minor approach(es) to a local intersection, based on the available corner sight distance and resulting "Critical Approach Speed." We applied that procedure in this case, as we have previously at numerous intersections throughout Novi.

The *MMUTCD* also states that "multi-way stop control can be useful as a safety measure if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is [typically] used where the volume of traffic on intersecting roads is approximately equal."

"The decision to install multi-way stop control should be based on an engineering study." Within such a study, the manual indicates that multi-way stop control can be considered where:

- 1. Eventual signal installation is likely.
- 2. Five or more police-reported crashes in a 12-month period may have been avoided.
- 3. Over eight hours of an average day, there are at least 300 vehicles per hour on the major street and 200 "traffic units" (cars, pedestrians, and bikes) per hour on the minor street.
- 4. There is a need to "control left-turn conflicts."
- 5. There is a need to control vehicle/pedestrian conflicts near high pedestrian generators.
- 6. A driver, after stopping, can not see conflicting cross traffic, and where that cross traffic must also stop in order to provide a reasonable level of safety.
- 7. Two similar through streets are intersecting and the "traffic operational characteristics" of the intersection would be improved.

Findings Relative to the East Intersection of Perceval and Cavendish East – Based on the relatively heavy landscaping on the northwest corner (Figures 2-4), we determined a Critical Approach Speed on the eastbound Perceval approach of 15 mph (prior to the past three years' growth, the CAS was 17 mph).



Figure 2. Early View Across Northwest Corner from Perceval



Figure 3. Later View Across Northwest Corner from Perceval



Figure 4. View Across Northwest Corner with Car Encroaching on Crosswalk



Figure 5. View Across Southwest Corner from Perceval

According to RCOC, Critical Approach Speeds of 0-10 mph warrant a STOP sign and 10-30 mph warrant a YIELD sign. However, we look carefully at intersections where the CAS is 10-15 mph and use professional judgment to determine if a STOP sign would be a better choice than a YIELD sign. Here, given such considerations as the rate at which the corner landscaping has grown over the past three years, we are recommending that a STOP sign replace the existing YIELD sign on Perceval.

Relative to the above criteria for multi-way stop control, we have further found:

1. That future signalization is out of the question.
2. Only two crashes anywhere near the subject intersection have been reported to the police over the past 12 years; see the attached reports and the related summary in Figure 1. (We did see evidence of two trees and three mailboxes having been struck, but apparently only the one recent tree-related crash near Perceval was reported to the police.)
3. Speed and volume counts recently made by City staff (Table 1) show that the average *daily* volumes on the two streets are less than the minimum *hourly* volumes normally considered to prompt consideration of all-way stop control.
4. Given the recorded volumes, the incidence of left-turn conflicts is likely negligible.
5. There are no significant pedestrian generators near this intersection.
6. As can be seen in Figure 4, a car has to encroach on the legal (but unmarked) crosswalk along the west side of Cavendish East for its driver to acquire significant sight distance to the north. Based on field-expedient measurements, we estimate that the sight distance in that direction from 10 ft behind the stop bar is only about 140 ft, or significantly less than the minimum recommended by AASHTO for a 25-mph street (240 ft for right turns and 280 ft for left turns). *Hence, the cross traffic on southbound Cavendish East should be required to stop in order for traffic on eastbound Perceval to stop and then proceed safely from behind the legal crosswalk.*
7. The final consideration does not apply, as only one of the two streets is a "through" street.

In summary, the restricted sight distance caused by the landscaping on the northwest corner justifies all-way stop control. The City should make it clear to the concerned residents that all-way stop is being recommended for that reason and *not* for speed control purposes.

Speed Findings – Table 1 shows that at two sampling locations on Cavendish East, the average speed ranges from 21.3-22.9 mph and the 85th-percentile speed (i.e., the speed exceeded by 15% of all drivers) ranges from 25.5-28.7 mph. The monitoring location south of the intersection corresponds rather closely to the 2008 monitoring location "100 ft 'east' of Thatcher Court," where the prior sampling found average speeds of 22.5-22.9 mph and 85th-percentile speeds of 27.7-28.6 mph. Driver speed choice has therefore not changed significantly near the subject intersection over the past three years.

Table 1. Speed and Volume Summary

Location	Direction	Day (Date)	Speed Statistic			
			Sample Size	Average	85th %tile	No. > 35 mph
On Cavendish about 150 ft north of Perceval	NB	Wed., 6-08-11	182	22.6	28.3	3
		Thu., 6-09-11	183	21.5	27.4	1
		Fri., 6-10-11	171	22.0	27.6	7
		Sat., 6-11-11	164	22.9	28.5	1
		Sun., 6-12-11	146	22.1	28.3	2
		Mon., 6-13-11	22	18.4	22.9	0
		Average Day	174	22.1	27.9	2.7
	SB	Wed., 6-08-11	126	23.6	29.4	3
		Thu., 6-09-11	166	23.0	28.7	1
		Fri., 6-10-11	154	22.9	28.9	3
		Sat., 6-11-11	147	23.4	29.1	3
		Sun., 6-12-11	128	22.3	28.7	3
		Mon., 6-13-11	41	20.3	25.0	0
		Average Day	152	22.9	28.7	2.4
On Cavendish about 150 ft north of Perceval	NB	Wed., 6-08-11	274	22.0	26.7	3
		Thu., 6-09-11	272	21.1	25.2	0
		Fri., 6-10-11	262	21.1	25.0	2
		Sat., 6-11-11	249	21.0	25.1	0
		Sun., 6-12-11	231	21.6	25.7	0
		Mon., 6-13-11	36	19.7	24.5	0
		Average Day	265	21.3	25.5	1.0
	SB	Wed., 6-08-11	198	22.4	28.0	0
		Thu., 6-09-11	262	22.0	27.7	1
		Fri., 6-10-11	256	21.6	27.6	1
		Sat., 6-11-11	225	22.4	27.9	1
		Sun., 6-12-11	210	21.7	27.6	0
		Mon., 6-13-11	81	20.3	24.7	0
		Average Day	246	21.9	27.5	0.6
On Perceval about 150 ft west of Cavendish	EB	Wed., 6-08-11	66	19.3	23.7	0
		Thu., 6-09-11	84	18.8	23.9	0
		Fri., 6-10-11	88	18.8	23.7	0
		Sat., 6-11-11	69	18.9	24.0	0
		Sun., 6-12-11	75	20.0	24.9	0
		Mon., 6-13-11	29	18.0	22.6	0
		Average Day	82	19.1	23.9	0.0
	WB	Wed., 6-08-11	81	18.8	23.1	0
		Thu., 6-09-11	91	17.9	22.7	0
		Fri., 6-10-11	86	18.5	23.1	0
		Sat., 6-11-11	64	18.7	22.5	0
		Sun., 6-12-11	80	18.9	23.3	0
		Mon., 6-13-11	7	19.7	24.9	0
		Average Day	82	18.6	23.0	0.0

By long-established national practice as well as the State law respecting the establishment of speed limits, the 85th-percentile speed ideally approximates the speed limit (25 mph here). However, compliance with speed limits on residential streets has historically been less than ideal (one national study found it to average only 17%). Past studies on some streets in Novi have found 85th-percentile speeds in the 31-37 mph range.

Special "traffic calming" actions to reduce speeds – other than the STOP sign installation specifically prohibited for this purpose by the *MMUTCD* – are typically not considered unless the 85th-percentile speed exceeds the speed limit by at least 10 mph. According to the recent speed sampling near the subject intersection, an average of only 1-3 drivers per day typically exceed (25+10=) 35 mph (see last column of Table 1). This is a very small number of serious offenders, constituting 1½% or less of all traffic.

Findings Relative to Other Intersections – As explained in more detail in our memo to Mr. McCusker dated August 6, 2008:

- We determined a Critical Approach Speed on the Cavendish Court approach to Cavendish Avenue West of 14 mph and recommended that the YIELD sign there be replaced by a STOP sign. Unless the raised parking lot causing that sight restriction has since been removed, and we should reevaluate the situation, we stand by our previous recommendation.
- The two intersections adjacent to Crossings Park (Figure 1) warrant special consideration given that the park could be construed a high pedestrian generator under the *MMUTCD's* guidelines for multi-way stop control. Considering the playground and the existing sidewalk pattern around the playground, we recommended all-way stop control at the west intersection of Thatcher Drive and Cavendish Avenue West (where a YIELD sign has existed for several years on the wrong approach), and one-way stop control on the Cavendish Avenue East approach to Thatcher (while the sign-obstructing tree on this approach has since been pruned, the existing YIELD sign has been allowed to remain).

As also documented in our previous memo, we observed several sign maintenance issues throughout the subdivision, which may or may not have been addressed since 2008.

Finally, we respectfully remind you that you will want to verify that all YIELD signs – and both existing and recommended new STOP signs – are supported by traffic control orders, and that the recommended all-way stop installations include the *MMUTCD*-required ALL WAY plates below the STOP signs.

CRASHES REPORTED TO POLICE

Authority: 1949 PA 300, Sec.257.622
Compliance: Required MSP UD-10E
Penalty: \$100 and/or 90 days (Rev 11/2006)

External # **#####** Crash ID **7580046**

Page 01 of 01
Incident # **#####** File Class 3150

STATE OF MICHIGAN TRAFFIC CRASH REPORT

ORI: MI 6362700		Department Name Novi Police Dept		Special Checks <input type="checkbox"/> Fatal <input type="checkbox"/> Non-Traffic Area <input type="checkbox"/> ORV/Snowmobile	
Crash Date 03/22/2010		Crash Time 17:54	No. of Units 02	Crash Type Other/Unknown	Special Circumstances <input type="checkbox"/> School Bus <input type="checkbox"/> None <input checked="" type="checkbox"/> Hit and Run <input type="checkbox"/> Deer <input type="checkbox"/> Fleeing Police
County 63 - Oakland	Traffic Control None	Relation to Roadway On Road		Special Study	Weather Rain
City/Twp 62 - Novi	Construction Zone (if applicable) Type		Lane Closed	Activity	Light Daylight
Road Condition Wet		Total Lanes 02	Speed Limit 25	Posted No	

Incident Disposition
Closed
Reviewer
MAY (00814)

LOCATION	Prefix	Road Name CAVDISH	Road Type	Suffix	Divided Roadway
	Distance 1,000 Feet S	Traffic Way 01 - Not physically divided		Access Control 01 - No access control	
	Prefix	Intersecting Road THATCHER	Road Type CT	Suffix	Divided Roadway

Unit Number 01	Unit Known No	State MI	Driver License Number #####	Date of Birth (Age)	License Type <input type="checkbox"/> Operator <input type="checkbox"/> Cycle <input type="checkbox"/> Farm <input type="checkbox"/> Recreation	Endorsements <input type="checkbox"/> Operator <input type="checkbox"/> Cycle <input type="checkbox"/> Farm <input type="checkbox"/> Recreation	Sex	Total Occupants	Hazardous Action 14 - Unknown	
Unit Type MV	Driver Information ##### (###) ###-####			Injury	Position	Restraint 09	Hospital NONE			
Driver Condition <input type="checkbox"/> 01 <input type="checkbox"/> 02 <input type="checkbox"/> 03 <input type="checkbox"/> 04 <input type="checkbox"/> 05 <input type="checkbox"/> 06 <input type="checkbox"/> 07 <input type="checkbox"/> 08 <input type="checkbox"/> 09 <input type="checkbox"/> 99				Interlock No	Ejected	Trapped	Airbag Deployed Not Equipped	Ambulance NONE		
Alcohol <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Refused <input type="checkbox"/> Not offered				Test Results		Drugs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Test Results		
Vehicle Registration #####				State	Insurance / Policy # #####	Towed To/By #####		Special Vehicles 0	Private Trailer Type	Vehicle Defect
VIN #####		Vehicle Description		Make	Model	Color	Year	Vehicle Type		
Location of Greatest Damage 12	First Impact 12	Extent of Damage 0	Driveable Yes	Vehicle Direction	Vehicle Use	Action Prior 36 - Unknown				
Sequence of Events (● indicates MOST harmful event)				First ● 18 - Parked motor vehicle	Second	Third	Fourth			

PASSENGERS	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance
	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance
	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance

Carrier Information		Carrier Source	GVWR	ICCMC	USDOT	MPSC
Driver's CDL Type		Endorsements OH OP OT ON OS OX	CDL Exempt <input type="checkbox"/> Farm <input type="checkbox"/> Other	CDL Restrictions 028 029 030 035 036		
Interstate/Intrastate	Vehicle Type	Type & Axle Per Unit First Second Third Fourth	Cargo Body Type	Medical Card	Hazardous Material <input type="checkbox"/> Placard <input type="checkbox"/> Cargo Spill	ID # Class #

Owner Information		Owner Information	
Person Advised of Damaged Traffic Control Contact Name: ##### Contact Data: ##### Contact Time: ###:##		Damaged Property Owner & Phone	
		Public	

UNRECORDED

Unit Number 02	Unit Known No	State MI	Driver License Number #####	Date of Birth (Age)	License Type <input type="checkbox"/> Operator <input type="checkbox"/> Chauffeur <input type="checkbox"/> Moped	Endorsements <input type="checkbox"/> Cycle <input type="checkbox"/> Farm <input type="checkbox"/> Recreation	Sex	Total Occupants 00	Hazardous Action
Unit Type MV	Driver Information ##### (###) ### ####			Injury	Position	Restraint 09	Hospital NONE		
Driver Condition <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 99				Interlock No	Ejected	Trapped	Airbag Deployed Not Equipped	Ambulance NONE	
Alcohol <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Refused <input type="checkbox"/> Not offered Test Type <input type="checkbox"/> Field <input type="checkbox"/> PBT <input type="checkbox"/> Breath <input type="checkbox"/> Blood <input type="checkbox"/> Urine				Test Results		Drugs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Test Type <input type="checkbox"/> Blood <input type="checkbox"/> Urine		Citation Issued <input type="checkbox"/> Hazardous <input type="checkbox"/> Other	
Vehicle Registration #####	State MI	Insurance / Policy # #####			Towed To/By #####		Special Vehicles 0	Private Trailer Type	Vehicle Defect
VIN #####	Vehicle Description BMW	Make BMW	Model 12 A	Color SILVER	Year 2001	Vehicle Type Passenger Car			
Location of Greatest Damage 07	First Impact 07	Extent of Damage 1	Driveable Yes	Vehicle Direction S	Vehicle Use 01 - Private		Action Prior 23 - Parked		
Sequence of Events ● 17 - Motor veh in transport									

PASSENGERS	Passenger Information			Date of Birth (Age)	Sex	Position	Restraint	Hospital
				Injury	Airbag Deployed	Ejected	Trapped	Ambulance
PASSENGERS	Passenger Information			Date of Birth (Age)	Sex	Position	Restraint	Hospital
				Injury	Airbag Deployed	Ejected	Trapped	Ambulance
PASSENGERS	Passenger Information			Date of Birth (Age)	Sex	Position	Restraint	Hospital
				Injury	Airbag Deployed	Ejected	Trapped	Ambulance
PASSENGERS	Passenger Information			Date of Birth (Age)	Sex	Position	Restraint	Hospital
				Injury	Airbag Deployed	Ejected	Trapped	Ambulance
PASSENGERS	Passenger Information			Date of Birth (Age)	Sex	Position	Restraint	Hospital
				Injury	Airbag Deployed	Ejected	Trapped	Ambulance

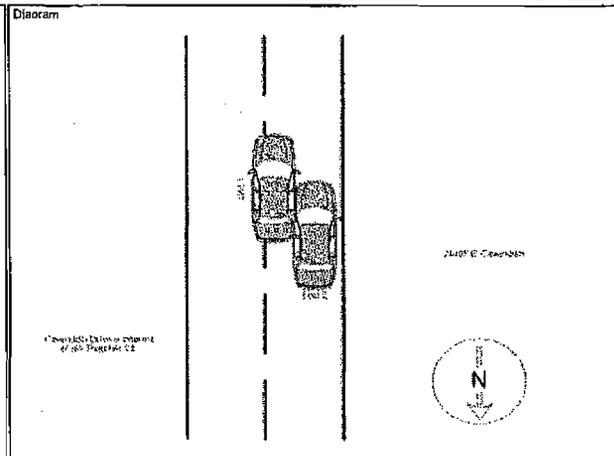
TRUCK/BUS	Carrier Information			Carrier Source GVWR	ICCMC	USDOT	MPSC	
				Driver's CDL Type	Endorsements <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> T <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> X	CDL Exempt <input type="checkbox"/> Farm <input type="checkbox"/> Other	CDL Restrictions <input type="checkbox"/> 28 <input type="checkbox"/> 29 <input type="checkbox"/> 30 <input type="checkbox"/> 35 <input type="checkbox"/> 36	
TRUCK/BUS	Interstate/Intrastate	Vehicle Type	Type & Axle Per Unit First Second Third Fourth	Cargo Body Type	Medical Card	Hazardous Material <input type="checkbox"/> Placard <input type="checkbox"/> Cargo Spill	ID #	Class #

OWNERS	Owner Information			Owner Information		
	##### WEST BLOOMFIELD, MI 48324-327 (###) ### ####					

WITNESS	Witness Information			Witness Information		

Investigated at Scene Yes	Reported Date (Time) ##### (##:##)	1st Investigator Name (Badge) ##### (#####)	2nd Investigator Name (Badge) ##### (#####)	Photos By #####
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Narrative
VEHICLE #2 WAS PARKED AND UNOCCUPIED IN FRONT OF THE LISTED CAVENDISH ADDRESS. BETWEEN 0900-1800 HOURS AN UNKNOWN RESPONSIBLE VEHICLE STRUCK VEHICLE #2 IN THE DRIVERS SIDE AND THEN FLED THE SCENE WITHOUT ID. AT THIS TIME THERE ARE NO WITNESSES OR ADDITIONAL INFORMATION IN THIS INCIDENT.



PRIVATE PROPERTY

Authority: 1949 PA 300, Sec. 257.822
 Compliance Required: MHP UD-10E
 Penalty: \$100 and/or 90 days (Rev. 11/2000)

External ID: **00151096** Crash ID: **151096**

Page 1 of 1
 Incident # 110029985 File Class C3170

STATE OF MICHIGAN TRAFFIC CRASH REPORT

ORI: MIG362700	Department Name NOVI PD		Reviser GARRIS (00818)	
Crash Date 05/23/2011	Crash Time 08:15	No. of Units 1	Crash Type 1-SINGLE MOTOR VEHIC	Special Circumstances <input type="checkbox"/> School Bus <input type="checkbox"/> Hit and Run <input type="checkbox"/> Deer <input type="checkbox"/> Fleeing Police
County 03 - OAKLAND	Traffic Control NONE OF THESE	Robsign to Roadway OUTSIDE OF SHOULDER/CURB	Special Study	Weather CLEAR
City/Town 02 - NOVI	Construction Zone (if applicable) Type	Lane Closed	Activity	Light DAYLIGHT
Special Checks <input type="checkbox"/> Fatal <input type="checkbox"/> Non-Traffic Area <input type="checkbox"/> ORV/Snowmobile		Road Condition DRY	Total Lanes 2	Speed Limit 25
Area 19-NON-TRAFFIC AREA		Posted YES		

Prefix E	Road Name E. CAVENDISH	Road Type AVE	Suffix	Divided Roadway
Distance 25 FT S	Traffic Way 5-NON-TRAFFIC		Access Control 4-NON-TRAFFIC	
Prefix PERVAL	Intersecting Road	Road Type LN	Suffix	Divided Roadway

Unit Number 1	Unit Known Y	State Driver License Number	Date of Birth (Age)	License Type <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Chauffeur <input type="checkbox"/> Moped	Endorsements <input type="checkbox"/> Cycle <input type="checkbox"/> Farm <input type="checkbox"/> Recreational	Sex M	Total Occupants 1	Hazardous Action 00-NONE
Unit Type M	Driver Information			Injury 0	Position 01	Restraint 4	Hospital NONE	
Driver Condition <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 0A				Interlock NO	Ejected NO	Trapped NO	Airbag Deployed NO	Ambulance NONE
Alcohol <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Refused <input type="checkbox"/> Not offered				Test Results		Drugs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Other <input type="checkbox"/> Hazardous <input type="checkbox"/> Other
Test Type <input type="checkbox"/> Field <input type="checkbox"/> PBT <input type="checkbox"/> Breath <input type="checkbox"/> Blood <input type="checkbox"/> Urine				Test Results		Test Results		Citation Issued <input type="checkbox"/> Hazardous <input type="checkbox"/> Other
Vehicle Registration MI	State MI	Insurances / Policy #	Towed To/By		Special Vehicles 0	Private Trailer Type	Vehicle Detail	
VIN 5FNRL10023B071425	Vehicle Description HONDA ODYSSEY	Make HONDA	Model ODYSSEY	Color WHITE	Year 2003	Vehicle Type 02-VAN, MOTOR HOME		
Location of Greatest Damage 1	First Impact 1	Extent of Damage 2	Direction S	Vehicle Use 01-PRIVATE	Action Prior 03-TURNING RIGHT			
Sequence of Events (* indicates MOST harmful event)		First 04-RAN OFF ROADWAY-RIGHT		Second * 39-TREE	Third	Fourth		

PASSENGER	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance
	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance
	Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
		Injury	Airbag Deployed	Ejected	Trapped	Ambulance

Carrier Information	Carrier Source	GVWR	ICCMC	USDOT	MPBD
Driver's CDL Type	Endorsements CM CP CT CN CB CX	CDL Exempt <input type="checkbox"/> Farm <input type="checkbox"/> Other	CDL Restrictions <input type="checkbox"/> 2B <input type="checkbox"/> 2D <input type="checkbox"/> 2E <input type="checkbox"/> 2S <input type="checkbox"/> 2F		
Interstate/Intrastate	Vehicle Type	Type & Axle For Unit First Second Third Fourth	Output Body Type	Medical Card	Hazardous Materials <input type="checkbox"/> Pileup <input type="checkbox"/> Cargo Spill

Owner Information	Owner Information
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Person Adviced of Damaged Traffic Control	Damaged Property TREE	Public NO
Contact Name:	Owner's Phone CITY OF NOVI	
Contact Date:		
Contact Time:		

D: Brian



PRIVATE PROPERTY

Unit Number	Unit Known	State	Driver License Number	Date of Birth (Age)	License Type <input type="checkbox"/> Operator <input type="checkbox"/> Chauffeur <input type="checkbox"/> Altered	Endorsements <input type="checkbox"/> Cycle <input type="checkbox"/> Farm <input type="checkbox"/> Recreation	Sex	Total Occupants	Immediate Action	
Unit Type	Driver Information			Injury	Position	Restraint	Hospital			
Driver Condition <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 00				Injured	Ejected	Trapped	Airbag Deployed	Ambulance		
Alcohol <input type="checkbox"/> Yes <input type="checkbox"/> No Test Type <input type="checkbox"/> Field <input type="checkbox"/> PBT				Test Results <input type="checkbox"/> Refused <input type="checkbox"/> Not offered <input type="checkbox"/> Breath <input type="checkbox"/> Blood <input type="checkbox"/> Urine		Drugs <input type="checkbox"/> Yes <input type="checkbox"/> No Test Type <input type="checkbox"/> Blood <input type="checkbox"/> Urine		Charges Issued <input type="checkbox"/> Hazardous <input type="checkbox"/> Custom		<input type="checkbox"/> Other
Vehicle Registration	State	Insurance / Policy #		Towed To/By		Byecheck Vehicle	Private Towing Type	Vehicle Defect		
VIN	Vehicle Description	Make	Model	Color	Year	Vehicle Type				
Location of Greatest Damage	First Impact	Extent of Damage	Drivability	Vehicle Direction	Vehicle Use	Action Prior				
Sequence of Events (* Indicate MOST harmful event)		First	Second	Third	Fourth					

Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
	Injury	Airbag Deployed	Ejected	Trapped	Ambulance
Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
	Injury	Airbag Deployed	Ejected	Trapped	Ambulance
Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
	Injury	Airbag Deployed	Ejected	Trapped	Ambulance
Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
	Injury	Airbag Deployed	Ejected	Trapped	Ambulance
Passenger Information	Date of Birth (Age)	Sex	Position	Restraint	Hospital
	Injury	Airbag Deployed	Ejected	Trapped	Ambulance

Carrier Information	Carrier Source	GVWR	ICCMC	USDOT	MPSC
Interstate/Intrastate	Vehicle Type	Type & Axle For Unit First Second Third Fourth	Cargo Body Type	Medical Equip	Hazardous Material <input type="checkbox"/> Placard <input type="checkbox"/> Cargo Spill
Driver's CDL Type		Endorsements <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> T <input type="checkbox"/> N <input type="checkbox"/> B <input type="checkbox"/> X	CDL Exempt <input type="checkbox"/> Farm <input type="checkbox"/> Other	CDL Restrictions <input type="checkbox"/> 28 <input type="checkbox"/> 29 <input type="checkbox"/> 30 <input type="checkbox"/> 35 <input type="checkbox"/> 36	

Owner Information	Owner Information
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Witness Information	Witness Information
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Investigated at Scene YES	Reported Date (Time) 05/23/2011 (08:15)	1st Investigator Name (Badge) P. LESLIE (217)	2nd Investigator Name (Badge)	Photos By
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<p>Narrative</p> <p>DRIVER #1 STATED THAT HE TURNED RIGHT FROM E/B PERCEVAL ONTO S/B E. CAVENDISH. DRIVER #1 STATED THAT AS HE BEGAN TRAVELING S/B ON E. CAVENDISH AN UNKNOWN BLACK VEHICLE WAS TRAVELING AT A HIGH RATE OF SPEED N/B ON E. CAVENDISH IN THE S/B LANE. DRIVER #1 STATED THAT HE DROVE OFF THE ROADWAY TO THE RIGHT TO AVOID AN ACCIDENT AND IN DOING SO HIS VEHICLE STRUCK A TREE AND KNOCKED IT OVER. DRIVER #1 HAD NO INFORMATION ON THE OTHER VEHICLE OR DRIVER. NO WITNESSES WERE LOCATED FOR THE ACCIDENT.</p>	<p>Diagram</p>
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