



cityofnovi.org

CITY of NOVI CITY COUNCIL

Agenda Item N
July 23, 2012

SUBJECT: Approval of Traffic Control Orders 12-15 through 12-19 for traffic control signage in Carriage Hills Subdivision.

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

CITY MANAGER APPROVAL: *[Signature]*

BACKGROUND INFORMATION:

The homeowners association for Carriage Hill Subdivision contacted the Engineering Division to review the intersection of Carriage Hill Drive and Coventry Road because there are no stop or yield signs at this four-way intersection. Staff noted that there were three other intersections in the subdivision that also lacked a form of traffic control and reviewed each intersection while on site.

The review of each intersection evaluated the critical approach speed and sight distance to determine the appropriate level of traffic control—a less restrictive yield sign or a more restrictive stop sign.

The table below summarizes the recommendation for the appropriate traffic control for each intersection. A traffic control order for each new sign installation has been prepared for consideration based on staff's recommendation. Traffic control orders are required under the Uniform Traffic Code to enforce traffic control signs that have been installed. The installation of each sign will be completed by DPS Field Operations staff.

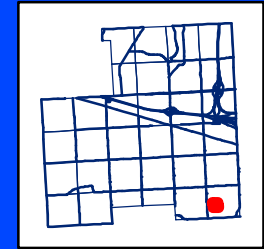
TCO	Description
12-15	Eastbound Carriage Hill Drive to stop at Coventry Rd
12-16	Westbound Carriage Hill Drive to stop at Coventry Rd
12-17	Eastbound Beacon Road to stop at Coventry Rd
12-18	Northbound Purlingbrook Road to yield at Coventry Rd
12-19	Southbound Whitcomb Road to stop at Beacon Road

RECOMMENDED ACTION: Approval of Traffic Control Orders 12-15 through 12-19 for traffic control signage in Carriage Hills Subdivision.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

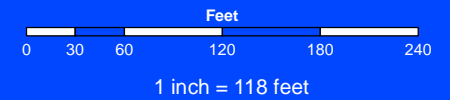
	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Wrobel				

Proposed Signs for Carriage Hill Subdivision



Map Legend

- Proposed Signs



City of Novi

Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org

Map Author: A. Wayne
 Date: July 11, 2012
 Project:
 Version #: 1.0

Amended By:
 Date:
 Department:

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.



Right-of-Way Control Signs – Carriage Hills, Section 36, Novi

Int. #	Major Approach	Minor Approach	Existing Traffic Control	Corner of Critical Sight Obstruction	CAS (mph)	Recommended Traffic Control Sign			Comments
						YIELD	STOP	Other	
1	Carriage Hills Dr	Ingram Rd	ALL WAY STOP	n/a	n/a			X	Per MMUTCD standards, "ALL WAY" plaques (R1-3p) should be mounted beneath each STOP sign
2	Coventry Rd	Carriage Hills Dr (EB & WB)	None	SW	20		EB & WB		STOP sign (R1-1) recommended for EB and WB approaches of Carriage Hill Dr due to through-street nature of Coventry Rd and to maintain consistency of traffic control throughout the subdivision
3	Coventry Rd	Beacon Rd	None	SW	10		EB		STOP sign (R1-1) recommended due to a CAS of 10 along the minor approach
4	Coventry Rd	Purlingbrook Rd	None	SE	9	NB			YIELD sign (R1-2) recommended due to Coventry Rd terminating approx. 200 ft. east of the intersection resulting in limited volumes and speed of through-traffic along Coventry; STOP sign (R1-1) would be warranted (due to a CAS of 9 along the minor approach) if and when Coventry is extended and additional homes developed further east
5	Beacon Rd	Whitcomb Rd	None	NE	8		SB		STOP sign (R1-1) recommended due to a CAS of 8 along the minor approach

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 07/09/2012

CONTROL NUMBER: 12-15

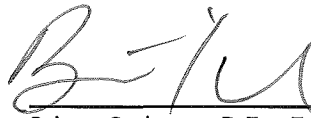
PURSUANT TO CHAPTER NO. 33 OF THE CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME BEING THE UNIFORM TRAFFIC CODE FOR CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE INTEREST OF PUBLIC SAFETY AND CONVENIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ISSUED BY BRIAN COBURN, ENGINEERING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

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.

CARRIAGE HILL 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:

EASTBOUND CARRIAGE HILL DRIVE TO STOP AT COVENTRY RD



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/09/2012

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 12-15 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.

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,

EASTBOUND CARRIAGE HILL DRIVE TO STOP AT COVENTRY RD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 07/23/2012.

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/09/2012
CONTROL NUMBER: 12-16

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.

CARRIAGE HILL 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:

WESTBOUND CARRIAGE HILL DRIVE TO STOP AT COVENTRY RD



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/09/2012

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 12-16 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,

WESTBOUND CARRIAGE HILL DRIVE TO STOP AT COVENTRY RD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 07/23/2012.

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
 X OTHER

DATE OF ORDER: 07/09/2012

CONTROL NUMBER: 12-17

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.

BEACON ROAD

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 BEACON ROAD TO STOP AT COVENTRY RD



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/09/2012

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 12-17 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,

EASTBOUND BEACON ROAD TO STOP AT COVENTRY RD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 07/23/2012.

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

____ SPEED
____ PARKING
X OTHER

DATE OF ORDER: 07/09/2012
CONTROL NUMBER: 12-18

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.

PURLINGBROOK ROAD

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 PURLINGBROOK ROAD TO YIELD AT COVENTRY RD



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/09/2012

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 12-18 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 PURLINGBROOK ROAD TO YIELD AT COVENTRY RD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 07/23/2012.

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 07/09/2012
CONTROL NUMBER: 12-19

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.

WHITCOMB ROAD

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 WHITCOMB ROAD TO STOP AT BEACON ROAD



Brian Coburn, P.E. - Traffic Engineer

Dated: 07/09/2012

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 12-19 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.

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 WHITCOMB ROAD TO STOP AT BEACON ROAD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 07/23/2012.

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk