



CITY of NOVI CITY COUNCIL

Agenda Item E
April 8, 2013

SUBJECT: Approval of Traffic Control Orders 13-01 through 13-03 to support existing and proposed signage near the intersection of Ingersol Drive and Crescent Boulevard in the Novi Town Center area.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL:

BACKGROUND INFORMATION:

Engineering staff and the City's traffic consultant, Clearzoning (formerly known as Birchler-Arroyo), recently completed an evaluation of traffic in the Novi Town Center area. The evaluation was completed as a proactive one-year follow-up to the opening of Wal-Mart and the renovated shopping center to identify any potential issues from the increased traffic in the area. The evaluation identified only a few concerns that can be easily addressed by staff.

One area of concern relates to the intersection of Ingersol Drive and Crescent Boulevard, which has several turn restrictions in place to best manage traffic at the intersection. Left turns are not allowed from Ingersol Drive to westbound Crescent Boulevard, and while signs are installed at this location and have been for several years, a traffic control order was not found on file. Traffic control orders are required under the Uniform Traffic Code to enforce traffic control signs that have been installed on public streets. A traffic control order for the existing signs has been prepared by the traffic engineer for consideration by City Council.

There is an indirect "Michigan Left Turn" in place for motorists on northbound Ingersol Drive to westbound Crescent, which requires them to turn eastbound on Crescent and use a crossover to make a U-turn to complete the left turn. This operation works well at the intersection, but should be reinforced with additional signage to ensure compliance. Because of the narrow width of the median, trucks are not permitted to make the U-turn at this location. Additionally, the crossover is intended to operate one-way (from eastbound Crescent to westbound Crescent). Additional signage is proposed in this location to reinforce the one-way flow of the median crossover and to prohibit trucks from the narrow median crossover. The traffic engineer has prepared traffic control orders for the proposed signage for consideration by City Council.

The following table summarizes the traffic control orders that have been prepared for consideration:

TCO	Description
13-01	No left turn from Northbound Ingersol Drive to Westbound Crescent Blvd
13-02	No left turn from Westbound Crescent into the median crossover located east of Ingersol Drive
13-03	No trucks in the eastbound Crescent to westbound Crescent median crossover located east of Ingersol

RECOMMENDED ACTION: Approval of Traffic Control Orders 13-01 through 13-03 to support existing and proposed signage near the intersection of Ingersol Drive and Crescent Boulevard in the Novi Town Center area.

	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				

Location Map

Traffic Control Orders—Crescent and Ingersol

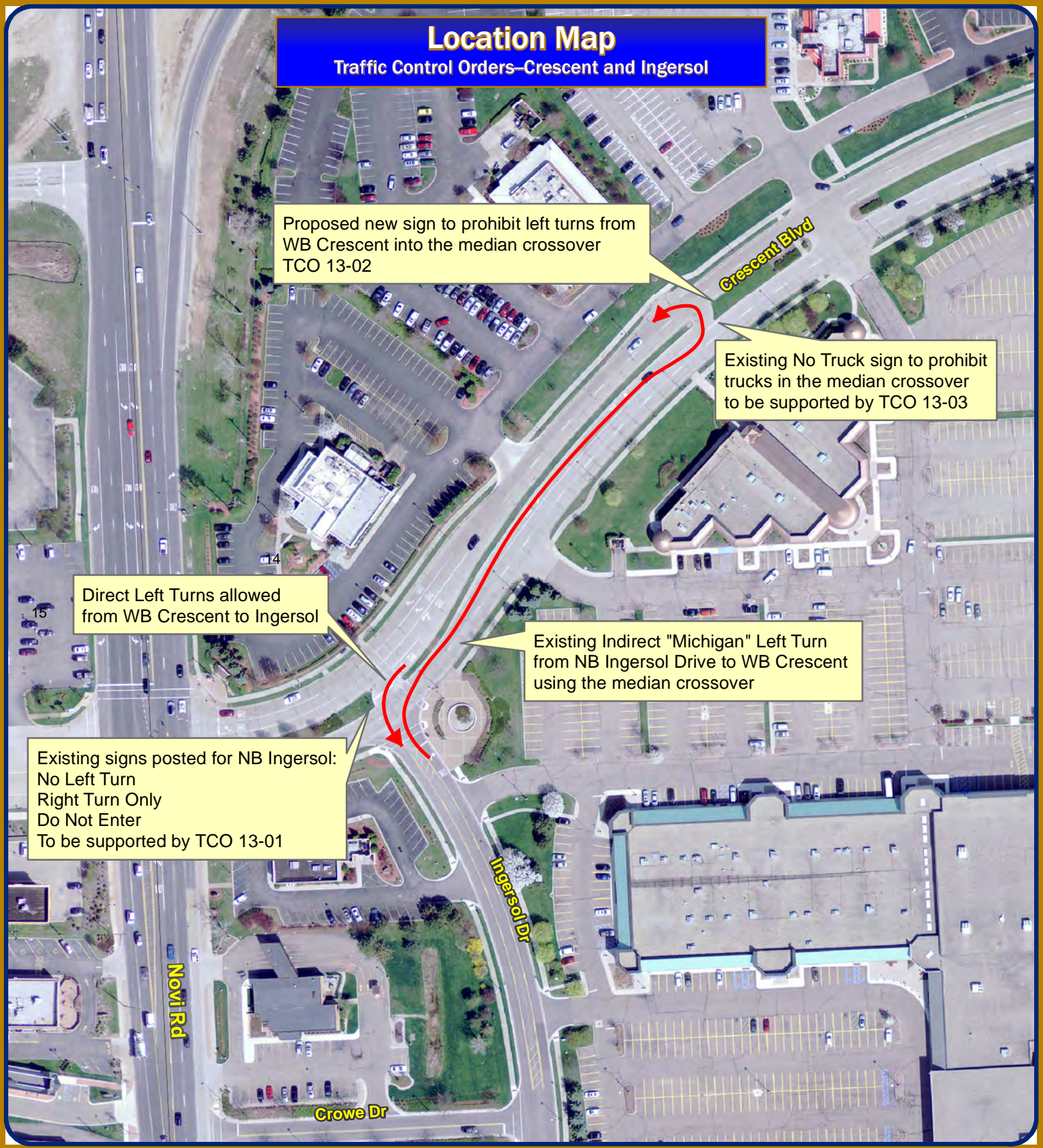
Proposed new sign to prohibit left turns from WB Crescent into the median crossover
TCO 13-02

Existing No Truck sign to prohibit trucks in the median crossover
to be supported by TCO 13-03

Direct Left Turns allowed
from WB Crescent to Ingersol

Existing Indirect "Michigan" Left Turn
from NB Ingersol Drive to WB Crescent
using the median crossover

Existing signs posted for NB Ingersol:
No Left Turn
Right Turn Only
Do Not Enter
To be supported by TCO 13-01



Map Author: Brian Coburn
Date: 3/25/13
Project:
Version #:



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



1 inch = 140 feet

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.



LOOKING NORTHBOUND FROM INGERSOL TOWARD CRESCENT BOULEVARD AT EXISTING SIGNAGE



LOOKING FROM THE EASTBOUND LANES OF CRESCENT TOWARD THE EAST-WEST MEDIAN CROSSOVER

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 3/19/2013

CONTROL NUMBER: 13-01

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. 33-51 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.

INGERSOL DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO LEFT TURN SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33-51 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO LEFT TURN FROM NORTHBOUND INGERSOL TO WESTBOUND CRESCENT BLVD



Brian Coburn, P.E. - Traffic Engineer

Dated: 3/19/2013

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 13-01 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 LEFT TURN FROM NORTHBOUND INGERSOL TO WESTBOUND CRESCENT BLVD

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 4/8/2013 .

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 3/19/2013
CONTROL NUMBER: 13-02

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. 33-51 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.

CRESCENT BOULEVARD

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO LEFT TURN SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33-51 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO LEFT TURN FROM WESTBOUND CRESCENT INTO THE MEDIAN CROSSOVER LOCATED EAST OF INGERSOL DRIVE



Brian Coburn, P.E. - Traffic Engineer

Dated: 3/19/2013

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 13-02 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 LEFT TURN FROM WESTBOUND CRESCENT INTO THE MEDIAN CROSSOVER LOCATED EAST OF INGERSOL DRIVE

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 4/8/2013 .

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk

**CITY OF NOVI
TRAFFIC CONTROL ORDER**

_____ SPEED
_____ PARKING
 X OTHER

DATE OF ORDER: 3/19/2013
CONTROL NUMBER: 13-03

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. 33-51 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.

CRESCENT BOULEVARD

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE NO TRUCKS SIGN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS REQUIRED BY SEC. 33-51 OF THE AFORESAID CHAPTER, SAID SIGNS TO GIVE NOTICE OF THE FOLLOWING DETERMINATION:

NO TRUCKS IN THE EASTBOUND CRESCENT TO WESTBOUND CRESCENT MEDIAN CROSSOVER LOCATED EAST OF INGERSOL



Brian Coburn, P.E. - Traffic Engineer

Dated: 3/19/2013

APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 13-03 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,

NO TRUCKS IN THE EASTBOUND CRESCENT TO WESTBOUND CRESCENT MEDIAN CROSSOVER LOCATED EAST OF INGERSOL

ADOPTED AT THE REGULAR MEETING OF
CITY COUNCIL ON 4/8/2013 .

By: _____
Robert J. Gatt, Mayor

By: _____
Maryanne Cornelius, Clerk