# CITY OF NOV cityofnovi.org

# CITY of NOVI CITY COUNCIL

Agenda item J July 19, 2010

**SUBJECT:** Approval of: 1) Traffic Control Orders 10-16 through 10-26 to establish traffic control at various intersections within Camden Court subdivision, 2) Traffic Control Orders 10-27 and 10-28 to create all way stop at the intersection of Whistler Drive and Muir Lane, and 3) Traffic Control Orders 10-29 and 10-30 to create all way stop at the intersection of Whitman Way and Muir Lane.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

174

CITY MANAGER APPROVAL

BACKGROUND INFORMATION:

A representative of the Board of Directors for the Camden Court Homeowner's Association contacted City staff (see April 14, 2010 letter, attached) to request the installation of additional stop signs at two intersections within Camden Court subdivision to create a 3-way stop at each. The request has been reviewed by Birchler-Arroyo, the City's traffic engineering consultant, for compliance with the Michigan Manual of Uniform Traffic Devices (MMUTCD) in meeting the requirements for a 3-way stop at the two intersections. As noted in the May 17, 2010 report by Birchler Arroyo, the intersections both meet two of the three criteria for the installation of the multi-way stops. Staff supports the recommendation by Birchler-Arroyo and has prepared traffic control orders (summarized in the table below and shown on the attached location map) for the intersection of Whistler Drive and Muir Lane, as well as Whitman Way and Muir Lane to provide for 3-way stop control at both intersections.

In reviewing the existing signage in the subdivision, staff determined that traffic control orders were not adopted for the existing stop signs within Camden Court subdivision. 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 Camden Court.

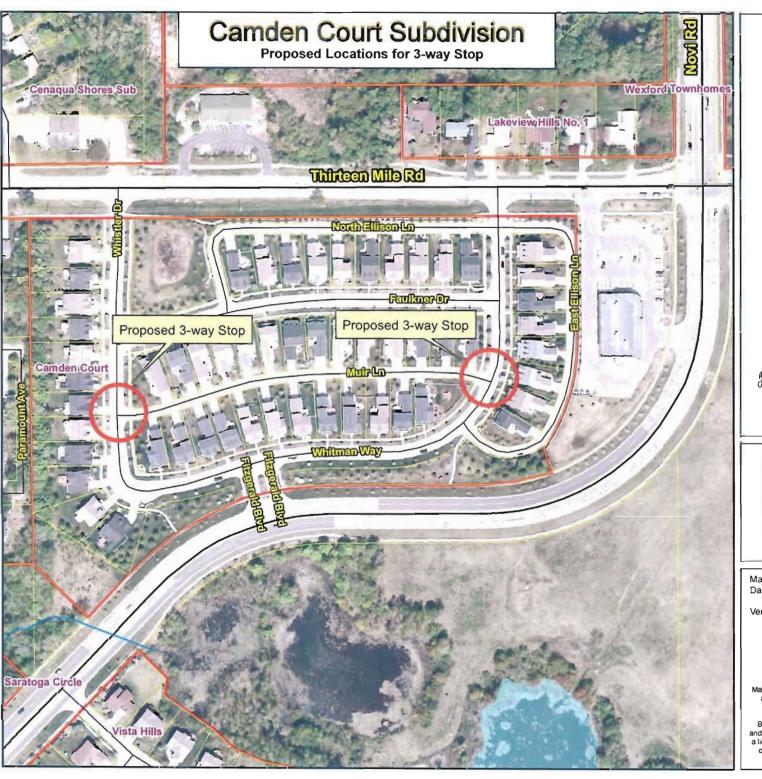
TCO		TCO	
No.	Description	No.	Description
10-16	WB Muir Lane to STOP at Whistler Drive	10-24	SB Fitzgerald Blvd to Stop at Novi Road
10-17	EB Muir Lane to STOP at Whitman Way	10-25	NB Whitman Way to STOP at 13 Mile Road
10-18	WB Faulkner Dr to STOP at Whistler Drive	10-26	NB Whistler Dr to STOP at 13 Mile Road
			NB Whistler Dr to STOP at Muir Lane (creating
10-19	EB Faulkner Dr to STOP at Whitman Way	10-27	3-way stop)
			SB Whistler Dr to STOP at Muir Lane (creating
10-20	EB North Ellison Ln to Stop at Whitman Way	10-28	3-way stop)
			NB Whitman Way to STOP at Muir Lane
10-21	SB North Ellison Ln to Stop at Faulkner Drive	10-29	(creating 3-way stop)
	WB East Ellison Ln to Stop at Whitman Way		SB Whitman Way to STOP at Muir Lane
10-22	(south intersection)	10-30	(creating 3-way stop)
	WB East Ellison Ln to Stop at Whitman Way		-
10-23	(north intersection)	1	

Staff will work with the Association to facilitate the installation of the new signage under the existing decorative street sign agreement.

**RECOMMENDED ACTION:** Approval of: 1) Traffic Control Orders 10-16 through 10-26 to establish traffic control at various intersections within Camden Court subdivision, 2) Traffic Control Orders 10-27 and 10-28 to create all way stop at the intersection of Whistler Drive and Muir Lane, and 3) Traffic Control Orders 10-29 and 10-30 to create all way stop at the intersection of Whitman Way and Muir Lane.

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Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Crawford				
Council Member Fischer				

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Council Member Margolis				
Council Member Mutch				
Council Member Staudt				



## Map Legend



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Subdivision Names OR Condo Names





# City of Novi

Engineering Division Department of Public Services 45175 W Ten Mile Rd Novi, MI 48375 cityofnovi.org

Map Author: Brian Coburn, PE Date: 7/2/10

Version #: 1

#### MAP INTERPRETATION NOTICE

Map information depicted is not intended to replays or substitute for any official or primary source. This map was informed to meet National Map Accurate Standards and use the most reach, accurate sources available to the people of the City of Novi. Boundary measurements and after calculations are approximate and should not be construed as elluyer measurements performed by a licensed Michigan Surveyor as defined in Michigan Prublis Act 132 of 1970 as amended. Preased contact the City Gis Manager to confirm source and accuracy information relates to this map.

Kristin Nahass

42673 Faulkner Novi, Michigan 48377 248.953.0571 knahass@mi.rr.com

Mr. Brian Coburn City of Novi, Michigan 45175 West 10 Mile Road Novi, Michigan 48375

14 April 2010

Dear Mr. Coburn,

I am writing on behalf of the Board of Directors for the Camden Court Homeowner's Association to ask for support from the City of Novi. We are located on the southwest corner of 13 Mile and Novi Roads; and are situated on a peninsula with 56 homes and three entry points. We have been concerned with traffic safety in our neighborhood for years.

Forty five percent of the residents in Camden Court gain access to their homes via a backyard alley called Muir Lane. Pedestrians and bike riders wishing to gain access to the perimeter sidewalks must exit either end of Muir Lane onto Whistler Drive or Whitman Way. Residents attempting to reach the sidewalks often encounter cars coming head-on. This is precipitated by the obscured view of drivers entering the alley due to several factors.

The alleys in Camden Court were designed much narrower than the standard width of residential streets in the City of Novi. This limits both sight-distance and reaction-time for drivers turning into the alleys. Our neighborhood has a very unusual design. Due to the backyard alleys, we have twice as much surface street as other neighborhoods of similar size. Unfortunately, the developer did not design any safe accommodation for pedestrians to reach the sidewalks. Considering that bicycles, big wheels, wagons and strollers are stored in the garage, residents are forced to (literally) face traffic at the end of the alleys in order to set out afoot. Extreme caution is required when exiting the alley, yet non-resident drivers and pedestrians cannot possibly be aware of the safety concern that exists here.

Vehicles turning from Whistler Drive onto Muir Lane make a virtual blind-turn into the alley. Visibility is completely blocked by fences and evergreens on Lots #13 and #38 (see attachment). The end lots on Whitman Way have different obstructions. The placement of the home on Lot #25 is close to Whitman Way and blocks the view of drivers until they are just about to turn into the alley. Lot #24 also has a fence and evergreens obstructing the view to the alley as cars approach. In addition, Lot#24 is shaped like a pie slice. Drivers use momentum around this corner treating it as a "hairpin" turn onto Muir Lane – rarely staying in the proper lane.

Creating a three-way-stop on both ends of Muir Lane where it meets Whitman Way and Whistler Drive would provide a clear visual point allowing drivers to actually see the alley before they begin turning into it. Drivers making a complete stop before turning onto Muir Lane would be less likely to have surprise encounter with pedestrians or cyclists.

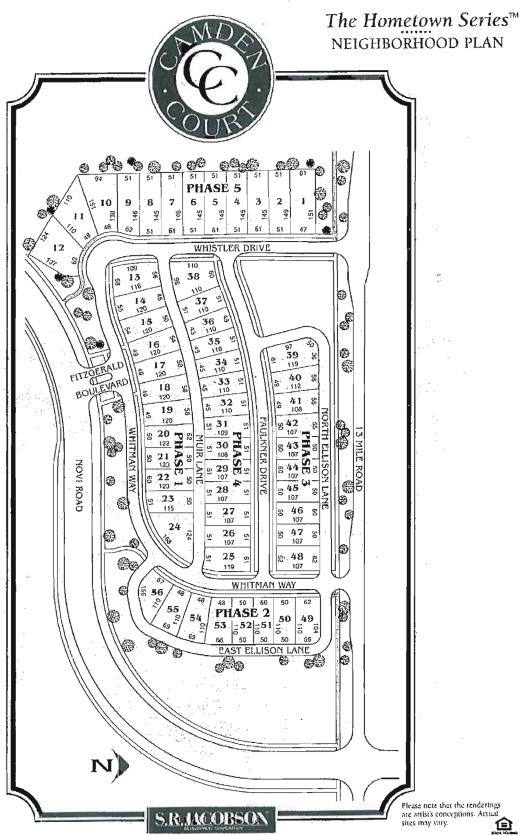
Camden Court has a very high population of young children -63 – with five more babies due by summer. The vast majority are younger than five years old. We understand that the demographics will change over time; however, until this safely issue is resolved, the sheer volume of children in the neighborhood is drawing added concern. We believe the situation is so unsafe, ALL pedestrians passing through the alley – young and old alike – are at real risk of injury from oncoming traffic.

Finally, you may be aware that the City of Novi has just rezoned the property at 13 Mile and Old Novi Road known as the "Landings" with the intent of developing this property as a park. If this property is developed as planned, we believe that this will increase cut-through traffic in our neighborhood. We acknowledge that city streets are here for the use of all. However, drivers who are unfamiliar with the totally unique configuration of Camden Court pose a risk to any Novi city resident wishing to jog, bike ride or walk their dog here.

We hope the City will support our effort to address this safety issue. As you consider these matters, we urge you to drive through our neighborhood to make your own observations related to our request.

Sincerely,

Kristin Nahass



Located south of 13 Mile Road on the west side of Novi Road. (248) 926-6263 FAX (248) 926-6265

May 17, 2010

Brian T. Coburn, P.E.
Engineering Div., Dept. of Public Services
City of Novi
26300 Delwal Drive
Novi, MI 48375
bcoburn@cityofnovi.org



Subject: Camden Court Safety Study

Dear Mr. Coburn:

Camden Court, located between Novi and 13 Mile Roads just west of their intersection (Figure 1), is home to 56 families and – according to the Homeowner's Association – some 63 "young children." Twenty-six (46%) of the homes have their garage access along Muir Lane, an alley with mountable curbs and a 20-ft-wide usable surface. Given this garage access, the adjacent play yards, and the lack of sidewalks along Muir, its relatively narrow surface is shared by motor vehicles, pedestrians, and a variety of other wheeled conveyances (bicycles, big wheels, wagons, and strollers).

As can be seen in Figures 2-3, a picket fence and dense landscaping result in very limited sight distance at Muir's intersection with Whistler Drive (the photos were taken from a driver's expected initial stopping position 10 ft behind the STOP sign). To make matters worse, the bend from Whitman Way to Whistler Drive (Figure 4) limits the advance viewing time of the intersection (Figure 5) to only about 2-3 seconds at a typical driving speed.

Visibility at Muir's intersection with Whitman (Figures 6-7) is less restricted than at its intersection with Whistler. However, while the undersigned was on-site for the inspection, several very young children were observed streaming out of the east end of Muir on bicycles and tricycles as if the alley were a pedestrian way absent of any possible vehicular traffic. As discussed in the letter you received from the Homeowner's Association, this shared use, the visibility restrictions, and the "hard" turn from northbound Whitman Way into Muir Lane are matters of serious concern to residents.

#### Recommendations

- 1. All-way STOP (R1-1 sign supplemented with an R1-4 sign) should be installed at Muir Lane's intersections with both Whistler Drive and Whitman Way.
- 2. A minimum-size (30 inch x 30 inch) symbolic Stop Ahead (W3-1) warning sign should be installed about half way around the inside of the bend from Whitman Way to Whistler Drive (Figure 4).

# Supporting Analysis

According to Section 2B.07 of the *Michigan Manual of Uniform Traffic Control Devices (MMUTCD)*, "Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users

Camden Court Safety Study, 5-17-10, page 2

expecting other road users to stop." Also, "The decision to install multi-way stop control should be based on an engineering study... Criteria that may be considered in an engineering study include:

- A. The need to control left-turn conflicts;
- B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes; and
- C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to reasonably safely negotiate the intersection unless conflicting cross traffic is also required to stop."

Both Criterion B and Criterion C clearly apply at Muir's intersection with Whistler. Analysis of the sight triangles at this intersection reveal that a driver initially stopping back of the STOP sign can see oncoming traffic past the end of the fence for only about 40-45 ft in each direction, equivalent to only about 1 second of advance viewing time. Given this very limited initial visibility, it is reasonable to expect a safe driver on Muir to then pull up closer to Whistler and look again prior to pulling out; however, such two-stage stopping may not always occur – and even when it does – it puts "short" users of the sidewalk at risk given the sight obstruction posed by the fence.

Analysis shows that the existing STOP sign on Muir's approach to Whitman is also warranted by the limited intersection sight distance. From 10 ft back of that STOP sign, there appears to be about 120 ft of sight distance to the south (around the curve) and roughly twice that amount to the north. Such sight distances are adequate for traffic on Whitman to stop in the event someone pulls out of Muir at "the last second." Hence, it does not appear that Criterion C applies at this intersection. Given the observed "pedestrian" activity, however, we believe that Criterion B *is* satisfied here. Also, it would be desirable to have the same all-way stop treatment at this end of Muir as is clearly warranted at the other end.

It should be noted that one of the four recommended all-way stop signs to be added (two on Whistler and two on Whitman) would have such limited advance viewing time that a Stop Ahead sign would be appropriate; see Figure 4 and recommendation #2. Finally, to minimize the adverse aesthetic impacts of the new STOP sign installations, we recommend that care be taken to place the new installations close to the back of curb adjacent to a street tree, to shield them from a direct view by residents in the adjacent home.

Sincerely,

BIRCHLER ARROYO ASSOCIATES, INC.

Rodney L. Arroyo, AICP

Vice President

William A. Stimpson, P.E. Director of Traffic Engineering

William a. Stimpson



Figure 1. Camden Court



Figure 2. Looking Northwest at Corner of Muir Lane and Whistler Drive



Figure 3. Looking Southwest at Corner of Muir Lane and Whistler Drive



Figure 4. Rounding Corner from Whitman Way to Whistler Drive



Figure 5. View to East Down Muir Lane



Figure 6. Looking Southeast at Corner of Muir Lane and Whitman Way



Figure 7. Looking Northeast at Corner of Muir Lane and Whitman Way

DATE OF ORDER: July 2, 2010

SPEED

PARKING X OTHER	CONTROL NUMBER: 10-16
BEING THE UNIFORM TRAFFIC CODE FOR CITIES, T INTEREST OF PUBLIC SAFETY AND CONVENIENCE TH	ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME OWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE HE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY R, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC.
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	GN (S) IN ACCORDANCE WITH THE MICHIGAN MANUAL ED BY SEC. 33.217 OF THE AFORESAID CHAPTER, SAID
WB MUIR LANE TO STOP AT WHISTLER DRIVE	
	FRAFFIC ENGINEER-BRIAN COBURN
	DATED: <u>07/02/2010</u>
APPROVED BY CITY COUNCIL	
TRAFFIC CONTROL ORDER NUMBER <u>10-16</u> HAVING BEE NOVI, MICHIGAN FOR STUDY AND APPROVAL, IS HERE DIRECTED THAT THIS ORDER BE FILED IN THE OFFICE OFFICE OF THE CHIEF OF POLICE OF SAID CITY.	BY APPROVED AND IT IS HEREBY ORDERED AND
IT IS FURTHER ORDERED AND DIRECTED THAT THIS O WITH THE CLERK AND UPON ERECTION OF ADEQUATE AFORESAID,	
WB MUIR LANE TO STOP AT WHISTLER DRIVE	
ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY:Mayor - David Landry
	By:
	City Clerk - Maryanne Cornelius

SPEED PARKING DATE OF ORDER: July 2, 2010

X OTHER	CONTROL NUMBER: 10-17
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EB MUIR LANE TO STOP AT WHITMAN WAY	
	TRAFFIC ENGINEER-BRIAN COBURN
	DATED: <u>07/02/2010</u>
APPROVED BY CITY COUNCIL	
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EB MUIR LANE TO STOP AT WHITMAN WAY	
ADOPTED AT THE REGULAR MEETING	BY:
OF COUNCIL ON	Mayor - David Landry
	By:City Clerk - Maryanne Cornelius
	City Clerk - Maryanne Comelius

SPEED PARKING	DATE OF ORDER:	July 2, 2010
X OTHER	CONTROL NUMBE	R: <u>10-18</u>
PURSUANT TO CHAPTER NO. 33 OF THE COBEING THE UNIFORM TRAFFIC CODE FOR CINTEREST OF PUBLIC SAFETY AND CONVENIISSUED BY BRIAN COBURN, SENIOR CIVIL EN 33.141 OF THE AFORESAID CHAPTER.	ITIES, TOWNSHIPS AND VILL ENCE THE FOLLOWING TRAF	AGES OF MICHIGAN AND IN THE FIC CONTROL ORDER IS HEREB
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	DATED: <u>07/02/20</u>	<u>)10</u>
APPROVED BY CITY COUNCIL		
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WB FAULKNER DR TO STOP AT WHISTLER DRI	<u>VE</u>	
ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - D	David Landry

DATE OF ORDER: <u>July 2, 2010</u>

SPEED

PARKING X OTHER	CONTROL NUMBER: 10-19
BEING THE UNIFORM TRAFFIC CODE FOR INTEREST OF PUBLIC SAFETY AND CONVE	CODE OF ORDINANCES OF THE CITY OF NOVI, MICHIGAN, SAME CITIES, TOWNSHIPS AND VILLAGES OF MICHIGAN AND IN THE NIENCE THE FOLLOWING TRAFFIC CONTROL ORDER IS HEREBY ENGINEER, DULY AUTHORIZED AS TRAFFIC ENGINEER, BY SEC
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	TRAEFIC ENGINEER-BRIAN COBURN
	DATED: <u>07/02/2010</u>
APPROVED BY CITY COUNCIL	
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ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry
	By:

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DATE OF ORDER: July 2, 2010

CONTROL NUMBER: 10-20

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, SENIOR CIVIL ENGINEER, 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.

#### NORTH ELLISON LANE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE <u>STOP</u> 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:

#### EB NORTH ELLISON LN TO STOP AT WHITMAN WAY

TRAFFIC ENGINEER-BRIAN COBURN

DATED: **07/02/2010** 

#### APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER <u>10-20</u> 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 EFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

# EB NORTH ELLISON LN TO STOP AT WHITMAN WAY

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry	
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SPEED

DATE OF ORDER: July 2, 2010

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SB NORTH ELLISON LN TO STOP AT FAUL	KNER DRIVE
	TRAFFIC ENGINEER-BRIAN COBURN
	DATED: <u>07/02/2010</u>
APPROVED BY CITY COUNCIL	
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OF COUNCIL ON	Mayor - David Landry

	SPEED PARKING	DATE OF ORDER:	July 2, 2010
X	OTHER	CONTROL NUMBER	R: <b>10-22</b>
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WB E	EAST ELLISON LN TO STOP AT WHITMAN WAY (SOU	TH INTERSECTION)	
		TRAFFIC ENGINEER	R-BRIAN COBURN
		DATED: 07/02/201	
APPR	ROVED BY CITY COUNCIL		_
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	SPEED PARKING	DATE OF	ORDER:	July 2, 2010
X	OTHER	CONTRO	NUMBER:	10-23
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				BRIAN COBURN
		DATED:	07/02/2010	
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DATE OF ORDER:

July 2, 2010

CONTROL NUMBER: 10-24

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, SENIOR CIVIL ENGINEER, 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.

# FITZGERALD 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:

#### SB FITZGERALD BLVD TO STOP AT NOVI ROD

TRAFFIC ENGINEER-BRIAN COBURN

City Clerk - Maryanne Cornelius

DATED: 07/02/2010

### APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 10-24 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 EFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

#### SB FITZGERALD BLVD TO STOP AT NOVI ROD

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry	
	Ву:	

SPEED PARKING	DATE OF ORD	ER: <b>July 2, 2010</b>	
X OTHER	CONTROL NUI	//BER: <u>10-25</u>	
PURSUANT TO CHAPTER NO. 33 OF THE BEING THE UNIFORM TRAFFIC CODE FOR INTEREST OF PUBLIC SAFETY AND CONVERSUED BY BRIAN COBURN, SENIOR CIVIL 33.141 OF THE AFORESAID CHAPTER.	R CITIES, TOWNSHIPS AND YENIENCE THE FOLLOWING T	/ILLAGES OF MICHIGAN AND RAFFIC CONTROL ORDER IS F	IN THE
ISSUANCE OF THIS TRAFFIC CONTROL ORI CONDITIONS ON THE FOLLOWING PUBLIC I			RAFFIC
WHITMAN WAY			
AND AFTER SAID INVESTIGATION, IT IS HER PUBLIC SERVICES ERECT AND MAINTAIN TO OF UNIFORM TRAFFIC CONTROL DEVICES A SIGNS TO GIVE NOTICE OF THE FOLLOWIN	HE <u>STOP</u> SIGN (S) IN ACCORE AS REQUIRED BY SEC. 33.217	DANCE WITH THE MICHIGAN MA	ANUAL
NB WHITMAN WAY TO STOP AT 13 MILE RO	<u>AD</u>		
	TRAFFIC ENGII	NEER-BRIAN COBURN	
	DATED: <u>07/0</u>	2/2010	
APPROVED BY CITY COUNCIL			
TRAFFIC CONTROL ORDER NUMBER 10-25 IN NOVI, MICHIGAN FOR STUDY AND APPROVADIRECTED THAT THIS ORDER BE FILED IN TOFFICE OF THE CHIEF OF POLICE OF SAID	AL, IS HEREBY APPROVED AN HE OFFICE OF THE CITY CLE	D IT IS HEREBY ORDERED AND	)
IT IS FURTHER ORDERED AND DIRECTED TO WITH THE CLERK AND UPON ERECTION OF AFORESAID,			ILED
NB WHITMAN WAY TO STOP AT 13 MILE RO	<u>AD</u>		
ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY:	r - David Landry	

	SPEED		
	PARKING		
Χ	OTHER		

DATE OF ORDER: July 2, 2010

CONTROL NUMBER: 10-26

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, SENIOR CIVIL ENGINEER, 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.

#### WHISTLER DRIVE

AND AFTER SAID INVESTIGATION, IT IS HEREBY ORDERED AND DIRECTED THAT THE DEPARTMENT OF PUBLIC SERVICES ERECT AND MAINTAIN THE <u>STOP</u> 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:

### NB WHISTLER DR TO STOP AT 13 MILE ROAD

TRAFFIC ENGINEER-BRIAN COBURN

City Clerk - Maryanne Cornelius

DATED: <u>07/02/2010</u>

#### APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER <u>10-26</u> 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 EFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

## NB WHISTLER DR TO STOP AT 13 MILE ROAD

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY:
	Ву:

	SPEED
	PARKING
Χ	OTHER

DATE OF ORDER:

July 2, 2010

CONTROL NUMBER: 10-27

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, SENIOR CIVIL ENGINEER, 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.

#### WHISTLER 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:

#### NB WHISTLER DR TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

DATED: 07/02/2010

#### APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 10-27 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 EFECTIVE UPON BEING FILED. WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID.

## NB WHISTLER DR TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry	
	P.v.	

	SPEED
	PARKING
Χ	OTHER

DATE OF ORDER:

July 2, 2010

CONTROL NUMBER: 10-28

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, SENIOR CIVIL ENGINEER, 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.

#### WHISTLER 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:

#### SB WHISTLER DR TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

Ć ENGINEER-BRIAN COBURN

DATED: 07/02/2010

#### APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 10-28 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 EFECTIVE UPON BEING FILED. WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID,

# SB WHISTLER DR TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry	
	D	

SPEED PARKING	D	ATE OF O	RDER:	July 2, 2010
X_OTHER	Co	ONTROL	NUMBER:	10-29
PURSUANT TO CHAPTER NO. 33 OF THE BEING THE UNIFORM TRAFFIC CODE FOR INTEREST OF PUBLIC SAFETY AND CONSISSUED BY BRIAN COBURN, SENIOR CIV 33.141 OF THE AFORESAID CHAPTER.	OR CITIES, TOWNS VENIENCE THE FO	SHIPS AN	ID VILLAG 3 TRAFFIC	ES OF MICHIGAN AND IN THE CONTROL ORDER IS HEREBY
ISSUANCE OF THIS TRAFFIC CONTROL OF CONDITIONS ON THE FOLLOWING PUBLIC				
WHITMAN WAY				
AND AFTER SAID INVESTIGATION, IT IS HE PUBLIC SERVICES ERECT AND MAINTAIN OF UNIFORM TRAFFIC CONTROL DEVICES SIGNS TO GIVE NOTICE OF THE FOLLOWI	THE <u>STOP</u> SIGN (S S AS REQUIRED BY	) IN ACC( SEC. 33.	ORDANCE	WITH THE MICHIGAN MANUAL
NB WHITMAN WAY TO STOP AT MUIR LAN	IE (CREATING 3-W	AY STOP	)	
	E FR	AFFIC EN	IGINEER-B	RIAN COBURN
•	DA	TED: <u>(</u>	7/02/2010	· ·
APPROVED BY CITY COUNCIL				
TRAFFIC CONTROL ORDER NUMBER 10-29 NOVI, MICHIGAN FOR STUDY AND APPROV DIRECTED THAT THIS ORDER BE FILED IN OFFICE OF THE CHIEF OF POLICE OF SAID	- /AL, IS HEREBY AP THE OFFICE OF TI	PROVED	AND IT IS	HEREBY ORDERED AND
IT IS FURTHER ORDERED AND DIRECTED WITH THE CLERK AND UPON ERECTION O AFORESAID,				
NB WHITMAN WAY TO STOP AT MUIR LAN	E (CREATING 3-WA	<u>(Y STOP)</u>		
ADOPTED AT THE REGULAR MEETING OF COUNCIL ON		BY:	ayor - David	d Landry

	SPEED	DATE OF ORDER:	July 2
	PARKING		
Χ	OTHER	CONTROL NUMBER:	<u>10-30</u>

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, SENIOR CIVIL ENGINEER, 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.

## WHITMAN WAY

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:

#### SB WHITMAN WAY TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

TRAFFIC ENGINEER-BRIAN COBURN

July 2, 2010

DATED: 07/02/2010

## APPROVED BY CITY COUNCIL

TRAFFIC CONTROL ORDER NUMBER 10-30 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 EFECTIVE UPON BEING FILED WITH THE CLERK AND UPON ERECTION OF ADEQUATE SIGNS GIVING NOTICE OF THE EXISTENCE OF AFORESAID.

## SB WHITMAN WAY TO STOP AT MUIR LANE (CREATING 3-WAY STOP)

ADOPTED AT THE REGULAR MEETING OF COUNCIL ON	BY: Mayor - David Landry
	By: City Clerk - Maryanne Cornelius