

MONROE TOWNSHIP, MIDDLESEX COUNTY

ORDINANCE NO.: O-1-2023-003

ORDINANCE OF THE MONROE TOWNSHIP COUNCIL
AUTHORIZING THE ACCEPTANCE OF A TRAFFIC CONTROL SIGNAL LOCATED AT
THE INTERSECTION OF FORSGATE DRIVE AND ROSSMOOR DRIVE
IN THE TOWNSHIP OF MONROE, COUNTY OF MIDDLESEX, STATE OF NEW JERSEY

BE IT ORDAINED by the Township Council of the Township of Monroe, in the County of Middlesex, State of New Jersey as follows:

SECTION 1. The intersection of Forsgate Drive and Rossmoor Drive shall be controlled by a Traffic Control Signal in accordance with the As-Built Traffic Signal Plan and Timing Directive prepared by T&M Associates, bearing the date of October 6, 2022, inspected on August 24, 2022.

SECTION 2. The Traffic Control Signal installed shall be in accordance with the provisions of the Manual on Uniform Traffic Control Devices, Title 39 of the Revised Statutes and the New Jersey Administrative Code, and ADA Standards. Said Traffic Control Signal shall be operated in conformance with the designated Plan.

SECTION 3. All prior Ordinances and/or Resolutions or portions thereof of the Township of Monroe inconsistent with the provisions of this Ordinance shall be and the same are hereby repealed.

SECTION 4. That this Ordinance shall become effective upon adoption and publication as required by law.

SECTION 5. That if any clause, section, paragraph, subdivision, or provision of this Ordinance declared invalid by a Court of competent jurisdiction, such provision shall be deemed a separate distinct and independent provision and shall not affect the validity of the remaining portion hereof.

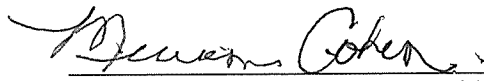
SECTION 6. When the Ordinance is finally adopted, the Township Clerk will send a certified copy of the Ordinance to Ronald Sendner, PE, Middlesex County Engineer, P.O. Box 871, 75 Bayard Street, 5th Floor, New Brunswick, N.J. 08901, for submission to the Middlesex County Board of County Commissioners for a consenting resolution.

SECTION 7. Any section of any other Township rule, regulation, policy, ordinance or requirements that conflicts with any part of this Ordinance is repealed to the extent of the conflict.

SECTION 8. If any chapter, section, subchapter or paragraph of this Ordinance be declared unconstitutional, invalid, or inoperative, in whole or in part, by a court of competent jurisdiction, such chapter, section, subchapter or paragraph shall to the extent that is not held unconstitutional, invalid, or inoperative remain in full effect and shall not affect the remainder of this Ordinance.

SECTION 9. This Ordinance shall take effect upon final passage and publication as provided by law.

SO ORDAINED, as aforesaid.


MIRIAM COHEN, Council President

RECORDED VOTE – INTRODUCTION – January 4, 2023						
COUNCIL	MOTION	SECOND	AYE	NAY	ABSTAIN	ABSENT
Councilman Dipierro		X	X			
Councilwoman Siegel			X			
Councilwoman Schneider			X			
Council V. President VanDzura	X		X			
Council President Cohen			X			

NOTICE

Notice is hereby given that the foregoing Ordinance was introduced and passed on first reading at the regular meeting of the Monroe Township Council held on January 4, 2023 and will be further considered for final passage after a Public Hearing during the council meeting to be held on February 6, 2023 at 6:30 p.m. in the Monroe Twp. Municipal Building, One Municipal Plaza, Monroe Twp., N.J. 08831. At said time and place, all persons will be granted the opportunity to be heard concerning this Ordinance prior to its consideration for adoption by Council.



PATRICIA REID, Township Clerk

RECORDED VOTE – SECOND READING & FINAL ADOPTION– February 6, 2023						
COUNCIL	MOTION	SECOND	AYE	NAY	ABSTAIN	ABSENT
Councilman Dipierro		X	X			
Councilwoman Schneider			X			
Councilwoman Siegel			X			
Council V. President VanDzura	X		X			
Council President Cohen			X			

ORDINANCE NO.: O-1-2023-003

**ORDINANCE OF THE MONROE TOWNSHIP COUNCIL
AUTHORIZING THE ACCEPTANCE OF A TRAFFIC CONTROL SIGNAL LOCATED AT
THE INTERSECTION OF FORSGATE DRIVE AND ROSSMOOR DRIVE
IN THE TOWNSHIP OF MONROE, COUNTY OF MIDDLESEX, STATE OF NEW JERSEY**

MAYORAL APPROVAL

By virtue of the Optional Municipal Charter Law of 1950 and Chapter 3, Section 19 of the Code of the Township of Monroe, my approval of this Ordinance is effected by the affixing of my signature hereto.



STEPHEN DALINA, Mayor

Date signed: 2/7/2023



YOUR GOALS. OUR MISSION.

MDSX-00563

October 6, 2022

Ronald Sendner, P.E.
County Engineer
Office of Engineering
75 Bayard Street
New Brunswick, N.J. 08901

**Re: Forsgate Drive and Rossmoor Drive
Monroe Township, Middlesex County, NJ
As-Built Certification**

Dear Mr. Sendner,

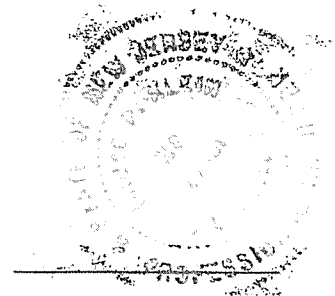
I hereby certify that the traffic control signal installation at the referenced intersection has been inspected on August 24, 2022 and completed in accordance with the As-Built Traffic Signal Plan dated October 6, 2022, and Timing Chart dated October 6, 2022.

I hereby certify that the design is in accordance with the requirements set forth in the current "Manual on Uniform Traffic Control Devices for Streets and Highways" and all New Jersey State law requirements.

Very truly yours,

T&M ASSOCIATES

Bruce P. Klein, P.E.
P.E. # GE04739100



(Seal)

**SIGNAL TIMING CHART
 VEHICLE ACTUATED**

	Vehicle						Pedestrian		Period 1
	1-3	4	Indications		11-12	13	14-17	18-21	
Phase 1									
Forsgate Drive (C.R. 612) WB Lead	R	R	G	<G-	R	R/-G>	H	H	7 - 13
Change	R	R	G	<Y-	R	R/-Y>	H	H	3
Clearance	R	R	G	<R-	R	R	H	H	3
Phase 2									
Forsgate Drive (C.R. 612) R.O.W.	G	G	G	<R-	R	R	H	H	8 - 53
Change	Y	Y/-G>	Y	<R-	R	R	H	H	5
Clearance	R	R/-G>	R	<R-	R	R	H	H	2
Phase 3									
Rossmoor Drive R.O.W.	R	R/-G>	R	<R-	G	G	H	H	6 - 14
Change	R	R/-Y>	R	<R-	Y	Y/-G> (9)	H	H	3
Clearance	R	R	R	<R-	R	R/-G> (10)	H	H	4

PEDESTRIAN ACTUATED

	Vehicle						Pedestrian		Period 1
	1-3	4	Indications		11-12	13	14-17	18-21	
Phase 1									
Forsgate Drive (C.R. 612) WB Lead	R	R	G	<G-	R	R/-G>	H	H	7 - 13
Change	R	R	G	<Y-	R	R/-Y>	H	H	3
Clearance	R	R	G	<R-	R	R	H	H	3
Phase 2									
Forsgate Drive (C.R. 612) R.O.W.	G	G	G	<R-	R	R	H	M	32
Pedestrian Clearance	G	G	G	<R-	R	R	H	FH	32
Change	Y	Y	Y	<R-	R	R	H	H	5
Clearance	R	R	R	<R-	R	R	H	H	2
Phase 3									
Rossmoor Drive R.O.W.	R	R	R	<R-	G	G	M	H	33
Pedestrian Clearance	R	R	R	<R-	G	G	FH	H	33
Change	R	R	R	<R-	Y	Y/-G> (9)	H	H	3
Clearance	R	R	R	<R-	R	R/-G> (10)	H	H	4

Pedestrian timing only used when push button is actuated
 EMERGENCY FLASH Y Y Y <R- R R DARK DARK 50-60/min.

Notes for Full Actuation

- 1) Non-locking detection memory shall be used
- 2) Vehicle extension set at 2.0 seconds
- 3) Manual control is to be disconnected
- 4) Controller to skip phases not called
- 5) Phase 1 must be followed by Phase 2
- 6) Soft recall shall be set to Phase 2 (Forsgate Drive) ROW, H
- 7) The termination of EMERGENCY FLASH shall occur at the beginning of Phase 2 green
- 8) In the case of power failure, the traffic signal shall operate in full operation mode for four (4) hours and thereafter in flash mode.
- 9) Shall be Y if Phase 1 is skipped
- 10) Shall be R if Phase 1 is skipped

Time of day Operation

Period 1 timing shall occur all times

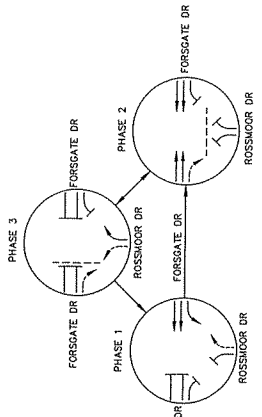
Emergency Preemption Notes

- 1) The intersection shall have a controller cabinet with a controller or other components capable of pre-emption feature
- 2) Remote-control pre-emption is permitted from all approaches to the intersection
- 3) The controller shall guarantee all vehicular and pedestrian minimums, change and clearance-interval timing
- 4) A pre-emption call from either direction of Forsgate Drive shall provide green interval ROW to phase 2
- 5) A pre-emption call from Rossmoor Drive shall provide green interval ROW to phase 3

COUNTY OF MIDDLESEX

TOWNSHIP OF MONROE

PHASING DIAGRAM

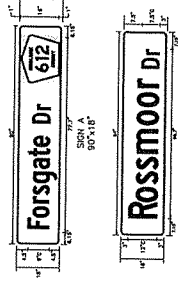


AM PEAK HOUR TRAFFIC VOLUMES (PM) PEAK HOUR TRAFFIC VOLUMES

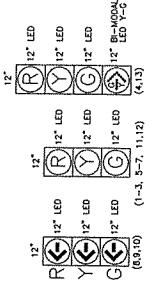
FORSGATE DRIVE	1940	879	31
ROSSMOOR DRIVE	96	67	32

NOTE: VOLUMES ARE YEAR 2018

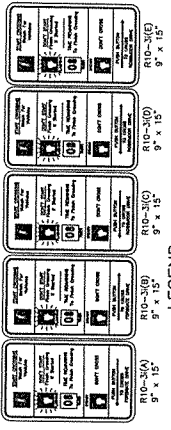
REFLECTORIZED MASTARM STREET NAME SIGNS



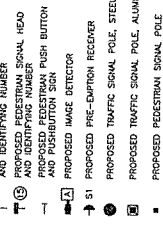
SIGNAL LEGEND



SIGN LEGEND



LEGEND



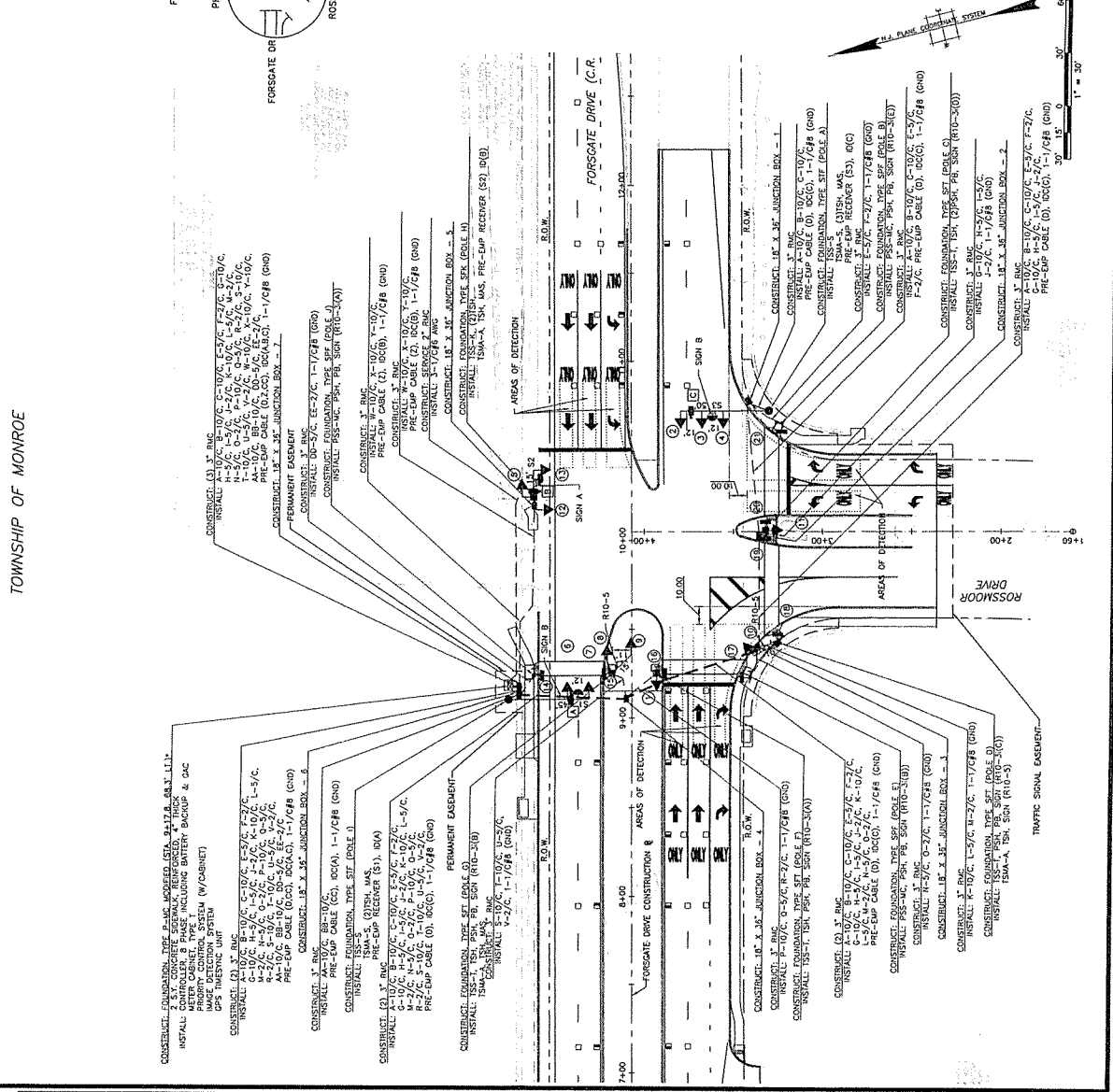
AS BUILT



Department of Middlesex County of Transportation
Office of Engineering
75 Bayard St., New Brunswick, NJ 08901
IMPROVEMENTS TO THE INTERSECTION OF FORSGATE DRIVE AND ROSSMOOR DRIVE, MONROE TOWNSHIP, NJ (MON003)

ELECTRICAL PLAN

DATE	19/04/2022
SCALE	1" = 30'
DESIGNED BY	Ronald M. Sender
CHECKED BY	County Engineer
DATE	21 of 33
DATE	October, 2022
SCALE	EPK
SCALE	EPK



PROJECT NO. 1900003
 PREPARED BY: MIDDLESEX COUNTY ENGINEERING
 DATE: 10/11/2021
 SCALE: EPK
 SHEET NO. 21 OF 33
 DATE: OCTOBER, 2022



Township of Monroe

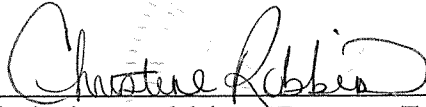
County of Middlesex

PATRICIA REID
Township Clerk

Municipal Complex
1 Municipal Plaza
Monroe Township, NJ
08831-1900
Phone (732) 656-4573
Fax (732) 521-3190

Affidavit of Publication

I, Christine Robbins, Deputy Township Clerk, of the Township of Monroe, County of Middlesex, State of New Jersey, do hereby certify that the attached legal notice is a true copy of such notice, which was published in the Home News Tribune, the official newspaper of Monroe Township and a newspaper of general circulation in the County of Middlesex on January 9, 2023.


Christine Robbins, Deputy Township Clerk

Ad Number: 0005548434

Run Dates: 01/09/2023

MONROE TOWNSHIP NOTICE OF PENDING ORDINANCE

ORDINANCE NO.: 0-1-2023-003

NOTICE IS HEREBY GIVEN THAT AN ORDINANCE ENTITLED: "AUTHORIZING THE ACCEPTANCE OF A TRAFFIC CONTROL SIGNAL LOCATED AT THE INTERSECTION OF FORSGATE DRIVE AND ROSSMOOR DRIVE IN THE TOWNSHIP OF MONROE, COUNTY OF MIDDLESEX, STATE OF NEW JERSEY", has been introduced and passed on first reading at the regular meeting of the Monroe Township Council held on January 4, 2023 and will be further considered for final passage after a Public Hearing during the council meeting to be held on February 6, 2023 at 6:30 p.m. in the Monroe Twp. Municipal Building, One Municipal Plaza, Monroe Twp., N.J. 08831. At said time and place, all persons will be granted the opportunity to be heard concerning this Ordinance prior to its consideration for adoption by Council.

The purpose of this Ordinance is for Council to accept the traffic signal located at the intersection of Forsgate Drive and Rossmoor Drive which shall be controlled in accordance with the As-Built Traffic Signal Plan and Timing Directive prepared by T&M Associates, bearing the date of October 6, 2022, inspected on August 24, 2022. The Traffic Control Signal installed shall be in accordance with the provisions of the Manual on Uniform Traffic Control Devices, Title 39 of the Revised Statutes and the New Jersey Administrative Code, and ADA Standards.

The proposed Ordinance in its entirety can be viewed on the Township website, www.monroetwp.com and is on file in the Municipal Clerk's Office. Copies may be obtained without charge between the hours of 8:30am and 4:30pm. Monday through Friday.

Patricia Reid, Municipal Clerk
(\$30.96)

0005548434-01



Township of Monroe


County of Middlesex

PATRICIA REID
Township Clerk

Municipal Complex
1 Municipal Plaza
Monroe Township, NJ
08831-1900
Phone (732) 656-4573
Fax (732) 521-3190

Affidavit of Publication

I, Christine Robbins, Deputy Township Clerk, of the Township of Monroe, County of Middlesex, State of New Jersey, do hereby certify that the attached legal notice is a true copy of such notice, which was published in the Home News Tribune, the official newspaper of Monroe Township and a newspaper of general circulation in the County of Middlesex on February 10, 2023.



Christine Robbins, Deputy Township Clerk

Ad Number: 0005588479

Run Dates: 02/10/2023

MONROE TOWNSHIP, MIDDLESEX COUNTY NOTICE OF FINAL ADOPTION

Notice is hereby given that the following entitled Ordinance was introduced and passed on First Reading at the regular meeting of the Monroe Township Council held on January 4, 2023. Furthermore, this Ordinance was adopted after a Public Hearing was held at the February 6, 2023 meeting of the Monroe Township Council which was held in the Monroe Twp. Municipal Building, One Municipal Plaza, Monroe Twp., N.J. 08831 and was thereafter approved and signed by the Mayor on February 7, 2023.

MONROE TOWNSHIP, MIDDLESEX COUNTY

ORDINANCE NO.: O-1-2023-003

"ORDINANCE AUTHORIZING THE ACCEPTANCE OF A
TRAFFIC CONTROL SIGNAL LOCATED AT THE INTERSECTION
OF FORSGATE DRIVE AND ROSSMOOR DRIVE IN THE
TOWNSHIP OF MONROE, COUNTY OF MIDDLESEX, STATE OF NEW
JERSEY"

CHRISTINE ROBBINS, R.M.C.
Monroe Township Deputy Municipal Clerk
(\$19.50)

0005588479-01