23700

RESOLUTION 2025 - L

BE IT RESOLVED, by authority of the Conewago Township
(Name of governing body)

of the Conewago Township, Adams County, and it
(Name of MUNICIPALITY)

is hereby resolved by authority of the same, that the Board of Supervisors Chair
(designate official title)

of said MUNICIPALITY is authorized and directed to submit the attached Application for Traffic Signal Approval to the Pennsylvania Department of Transportation and to sign this Application on behalf of the MUNICIPALITY.

ATTEST:

Conewago Township
(Name of MUNICIPALITY)

Tammy Bittle, Secretary/Treasurer
(Signature and designation of official title)

By: Charlotte M. Shaffer, B.O.S. Chair
(Signature and designation of official title)

I, Tammy Bittle, Secretary/Treasurer
(Name) (Official Title)

of the Conewago Township, do hereby certify that the foregoing
(Name of governing body and MUNICIPALITY)

is a true and correct copy of the Resolution adopted at a regular meeting of the

Conewago Township, held the 15th day of September, 2025.
(Name of governing body)

DATE: September 15, 2025

Tammy Bittle Secretary/Treasurer
(Signature and designation of official title)

D-8613 CADD (02-90) REVISED (04-17)

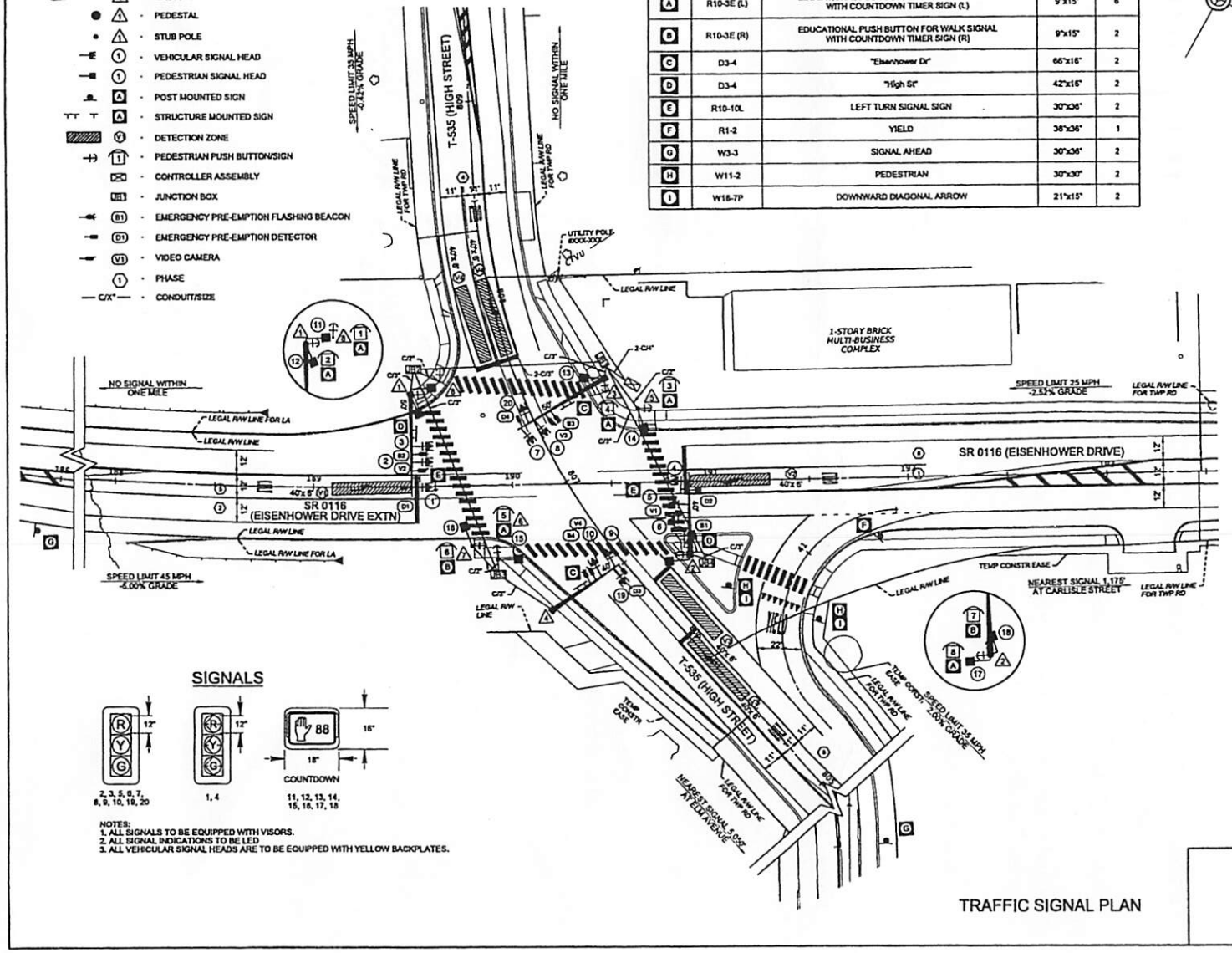
PLOTTED: 21-AUG-2025 08:59

LEGEND

- MAST ARM
- PEDESTAL
- STUB POLE
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- POST MOUNTED SIGN
- STRUCTURE MOUNTED SIGN
- DETECTION ZONE
- PEDESTRIAN PUSH BUTTON/SIGN
- CONTROLLER ASSEMBLY
- JUNCTION BOX
- EMERGENCY PRE-EMPTION FLASHING BEACON
- EMERGENCY PRE-EMPTION DETECTOR
- VIDEO CAMERA
- PHASE
- CONDUIT/SIZE

SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.
A	R10-3E (L)	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN (L)	9"x15"	6
B	R10-3E (R)	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN (R)	9"x15"	2
C	D3-4	"Eisenhower Dr"	66"x16"	2
D	D3-4	"High St"	42"x16"	2
E	R10-10L	LEFT TURN SIGNAL SIGN	30"x36"	2
F	R1-2	YIELD	36"x36"	1
G	W3-3	SIGNAL AHEAD	30"x36"	2
H	W11-2	PEDESTRIAN	30"x30"	2
I	W16-7P	DOWNWARD DIAGONAL ARROW	21"x15"	2



SIGNALS

NOTES:
1. ALL SIGNALS TO BE EQUIPPED WITH VISORS.
2. ALL SIGNAL INDICATIONS TO BE LED
3. ALL VEHICULAR SIGNAL HEADS ARE TO BE EQUIPPED WITH YELLOW BACKPLATES.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	ADAMS	0116	050	1 OF 3

CONEWAGO TOWNSHIP

REV NO	REVISIONS	DATE	BY	APPD

TRAFFIC SIGNAL NOTES

DO NOT MODIFY INSTALLATION WITHOUT PRIOR WRITTEN APPROVAL.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ARE PART OF THE PERMIT. INSTALL AND MAINTAIN IN ACCORDANCE WITH PUBLICATION 212.

POST MOUNTED SIGNALS: INSTALL WITH A MINIMUM SIGNAL HEAD CLEARANCE OF 2 FEET BEHIND FACE OF CURB OR EDGE OF SHOULDER; AND 8 FEET ABOVE SIDEWALK OR PAVEMENT GRADE.

OVERHEAD SIGNALS: INSTALL WITH A MINIMUM SIGNAL HEAD CLEARANCE OF 2 FEET BEHIND FACE OF CURB OR EDGE OF SHOULDER. PROVIDE A MINIMUM SIGNAL HEAD CLEARANCE OF 16 FEET ABOVE ROADWAY; RIGIDLY MOUNT, TOP AND BOTTOM; AND EQUIP WITH BACKPLATES. PROVIDE A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN SIGNALS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

DETERMINE WITH A PENNDOT REPRESENTATIVE, THE EXACT LOCATION OF DETECTORS PRIOR TO INSTALLATION.

CONSULT WITH LOCAL OFFICIALS AND UTILITIES TO RESOLVE CONFLICTS PRIOR TO CONSTRUCTION.

COMPLY WITH PROVISIONS OF LATEST AMENDMENT TO ACT 287, FOR PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, DATED DECEMBER 20, 1974.

ALL DESIGNERS AND CONTRACTORS UTILIZING THIS PLAN AND THE INFORMATION CONTAINED THEREON ARE CAUTIONED TO COMPLY WITH THE REQUIREMENTS OF PENNSYLVANIA ACT 287, ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW". ANY INFORMATION APPEARING ON THESE DRAWINGS AS TO THE UNDERGROUND LINES OF A USER, SUCH AS A PUBLIC UTILITY, HAS BEEN INCORPORATED HEREON PURSUANT TO SAID PENNSYLVANIA ACT 287. THIS INFORMATION HAS BEEN PROVIDED BY THE RESPECTIVE USERS IN RESPONSE TO THE PA ONE CALL SYSTEM REFERENCE SERIAL _____ ISSUED ON _____.

ALL LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND MUST BE VERIFIED PRIOR TO CONSTRUCTION.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

CALL BEFORE YOU DIG
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL 1-800-242-1776

SIGNAL FILE #_____

COUNTY: ADAMS
MUNICIPALITY: CONEWAGO TOWNSHIP
INTERSECTION: SR 0116 (EISENHOWER DRIVE) AND T-535 (HIGH STREET)

REVIEWED:
MUNICIPAL OFFICIAL DATE

RECOMMENDED:
DISTRICT TRAFFIC ENGINEER DATE

SCALE
0 25 50 FEET

D-9612 CADD (03-08) REVISED (04-17)

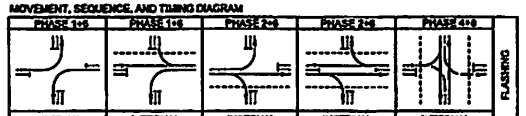
PLOTTED 21-AUG-2023 08:19

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	ADAMS	0116	058	2 OF 3

CONEWAGO TOWNSHIP

REV NO	REVISIONS	DATE	BY	APPD

MOVEMENT, SEQUENCE, AND TIMING DIAGRAM



SIGNAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	4G-	4G-	4Y[1]	4R[1]	4G-	4G-	4Y-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-
4	4G-	4G-	4Y[1]	4R[1]	4R-	4R-	4R-	4R-	4G-	4G-	4Y-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-	4R-
2,3	R	R	R	R	G	G	Y[1]	R[1]	R	R	R	R	G	G	Y	R	R	R	R	R	R
5,6	R	R	R	R	R	R	R	R	G	G	Y[1]	R[1]	G	G	Y	R	R	R	R	R	R
7,8,9,10,19,20	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R
11,13,15,17	H	H	H	H	M	FH	H	H	M	FH	H	H	M	FH	H	H	H	H	H	H	OFF
12,14,16,18	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	M	FH	H	H	OFF
FDEO			5	2.5			5	2.5			5	2.5			5	3.5			4	3.5	
MINIMUM			5				5				5				5				5		
PASSAGE			3				3				3				3				3		
MAX			18				18				18				29				30		
PROGRAM			24				24				24				39				37		
PEDESTRIAN *						①				②			7	21			7	22			
MEMORY	NL					NL				NL				MAX				MIN			

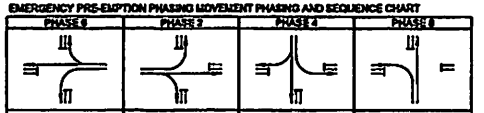
* UPON PEDESTRIAN ACTUATION ONLY

PHASING NOTES
① G IF FOLLOWED BY PHASE 2+5
② TIMING WILL BE AS SHOWN IN PHASE 2+6. IT MAY TIME OUT IN THIS PHASE OR BE COMPLETED IN PHASE 2+6.
③ 4-G-17 FOLLOWED BY PHASE 1+6
④ 4-G-17 FOLLOWED BY PHASE 2+5

PROGRAMS

EVENT NO.	DAY OF WEEK M	T	W	R	F	S	S	TIME HR	MN	SEC	CYCLE	OFFSET (SEC.)	PROGRAM	REMARKS
1	●	●	●	●	●			06	00	00	100	-	-	AM PEAK
2	●	●	●	●	●			14	00	00	100	-	-	PM PEAK
3	●	●	●	●	●	●	●	08	00	00	100	-	MAX	AM PEAK
4	●	●	●	●	●	●	●	14	00	00	100	-	MAX	PM PEAK

EMERGENCY PRE-EMPTION PHASING MOVEMENT PHASING AND SEQUENCE CHART



SIGNAL		21	22	23		24	25	26		27	28	29		30	31	32
1	SELECTIVE CLEARANCES	4G-	4Y-	4R-	SELECTIVE CLEARANCES	4R-	4R-	4R-	SELECTIVE CLEARANCES	4R-	4R-	4R-	SELECTIVE CLEARANCES	4R-	4R-	4R-
4		4R-	4R-	4R-		4G-	4Y-	4R-		4R-	4R-	4R-		4R-	4R-	4R-
2,3		G	Y	R		R	R	R		R	R	R		R	R	R
5,6		R	R	R		G	Y	R		R	R	R		R	R	R
7,8,19		R	R	R		R	R	R		R	R	R		G	Y	R
9,10,20		R	R	R		R	R	R		G	Y	R		R	R	R
11,13,15,17		H	H	H		H	H	H		H	H	H		H	H	H
12,14,16,18		H	H	H		H	H	H		H	H	H		H	H	H
FDEO TIME		**	5	3.5		**	5	3.5		**	4	3.5		**	4	3.5

NOTE: IF PREEMPTION EQUIPMENT HAS ENCODING CAPABILITIES FOR VEHICLE IDENTIFICATION, IT IS RECOMMENDED TO HAVE THE ZERO "00" FEATURE ON, TO GIVE UNCODED EMITTERS THE ABILITY TO ACTIVATE THE EMERGENCY PREEMPTION.
** FOR DURATION OF PREEMPTION

EMERGENCY PREEMPTION NOTES:

1. CONTROLLER TO BE EQUIPPED WITH EMERGENCY PREEMPTION FOR THE NORTHBOUND & SOUTHBOUND APPROACHES OF HIGH STREET AND THE EASTBOUND & WESTBOUND APPROACHES OF SR 0116 (EISENHOWER DRIVE) WITH A FAIL SAFE DEVICE FOR EACH DIRECTION OF OPERATION. THIS EMERGENCY BEACON SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT, AND SHALL FLASH WHEN THE EMERGENCY VEHICLE HAS CONTROL OF THE INTERSECTION FOR THE APPROPRIATE APPROACH.

2. THE SIGNALS, WHEN ACTIVATED BY EMERGENCY VEHICLE, SHALL TERMINATE ALL GREEN INDICATIONS, EXCEPT THE GREEN INDICATIONS FOR THE PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE, FOLLOWED BY SELECTIVE CLEARANCES DEPENDENT UPON THE PHASE IN WHICH THE PREEMPTION OCCURS. THE "GREEN" INDICATIONS FOR THE PREEMPTED PHASE SHALL REMAIN "GREEN" FOR THE DURATION OF SIGNAL PREEMPTION WITH "RED" INDICATIONS DISPLAYED FOR ALL OTHER PHASES.

3. THE SIGNALS, WHEN ACTIVATED BY EMERGENCY VEHICLE SHALL TIME OUT ALL YELLOW AND RED INDICATIONS, FOLLOWED BY THE GREEN INTERVAL OF THE PREEMPTION PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE.

4. IF SIGNALS HAVE BEEN ACTUATED BY PEDESTRIAN PUSHBUTTON, AND THE SIGNAL IS PREEMPTED DURING THE "WALK" INTERVAL, THE WALK INTERVAL SHALL TERMINATE IMMEDIATELY FOLLOWED BY THE "FLASHING HAND AND COUNTDOWN TIMER" INDICATION IN ITS ENTIRETY, FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES BEFORE PROCEEDING TO THE PREEMPTION PHASE.

5. IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING ALL SIGNALS SHALL REMAIN FLASHING.

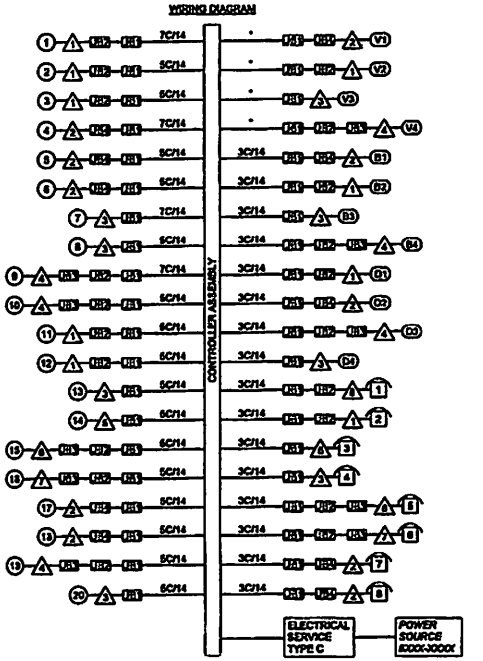
6. IF ADDITIONAL PREEMPTION PHASES ARE ACTIVATED WHILE IN PREEMPTION, THE ORIGINAL PREEMPTION PHASE SHALL TIME OUT BEFORE PROCEEDING TO THE NEXT PREEMPTION PHASE.

7. UPON COMPLETION OF PREEMPTION PHASE 2, 4, 6, 8, IN RETURNING TO NORMAL OPERATION, PHASE 2 + 6, INTERVAL 13 SHALL FOLLOW.

8. IN EMERGENCY PREEMPTION, NO PRIORITY SHALL BE ESTABLISHED. PREEMPTION SHALL BE A "FIRST COME, FIRST SERVED" OPERATION.

9. LOCATION OF EMERGENCY VEHICLE DETECTORS ARE TO BE FIELD ADJUSTED TO ACHIEVE MAXIMUM OPERATION.

WIRING DIAGRAM



LEGEND

⚠	- SIGNAL SUPPORT	(B1)	- EMERGENCY PRE-EMPTION FLASHING BEACON
①	- SIGNAL HEAD	(D1)	- EMERGENCY PRE-EMPTION DETECTOR
1	- PEDESTRIAN PUSH BUTTON	(V1)	- VIDEO CAMERA
JB1	- JUNCTION BOX	5C/14	- CABLE (NO. OF CONDUCTORS/SIZE AWG)

* AS PER MANUFACTURERS SPECIFICATIONS, CABLE INCIDENTAL TO #9000-0700

TRAFFIC SIGNAL PLAN

COUNTY: ADAMS
MUNICIPALITY: CONEWAGO TOWNSHIP
INTERSECTION: SR 0116 (EISENHOWER DRIVE) AND T-535 (HIGH STREET)

REVIEWED:
MUNICIPAL OFFICIAL DATE

RECOMMENDED:
DISTRICT TRAFFIC ENGINEER DATE

200

TE-160 (11-22)

pennsylvania
DEPARTMENT OF TRANSPORTATION
www.penndot.pa.gov

APPLICATION FOR TRAFFIC SIGNAL APPROVAL

PLEASE TYPE OR PRINT ALL INFORMATION IN BLUE OR BLACK INK

A – Maintenance and Operation Information

☐ Municipality has a fully executed Commonwealth and Municipal Traffic Signal Maintenance Agreement covering all signals in the municipality, Agreement #_____, with an effective date of _____. Issuance of a new or revised permit amends Municipality's signal list in TSAMS.

☐ Municipality does not have an existing Commonwealth and Municipal Traffic Signal Maintenance Agreement covering all signals in the municipality. Traffic Signal Maintenance Agreement must be completed, executed by the municipality, and attached to this application.

B – Application Description

PennDOT District: 8-0 County: York Municipality: Conewago Township

Location (Intersection): SR 0116 (Eisenhower Drive) and T-535 (High Street)

Traffic Control Device is: ☑ NEW Traffic Signal ☐ EXISTING Traffic Signal, permit # _____

Type of Device (select one): ☑ Traffic Control Signal ☐ Electronic Sign ☐ Flashing Warning Device
☐ In-Roadway Warning Lights ☐ Intersection Control Beacon
☐ Rectangular Rapid Flashing Beacon (RRFB) ☐ School Zone Speed Limit Sign
☐ LED Border Lit Sign ☐ Other _____

Is Traffic Signal part of a system? ☐ Yes ☑ No System Number (if applicable): _____

If YES, provide locations of all signalized intersections in system.

Explain the proposed improvements.

Updating intersection from stop controlled to signalized. Adding additional leg to extend SR 0116 (Eisenhower Drive) to the southwest. Pedestrian signals and crosswalks are proposed on all approaches. Left turn lanes are proposed for all approaches.

C – Attachments Listing

☐ Municipal Resolution	☐ Location Map	☐ Traffic Volumes/Pedestrian Volumes
☐ Letter of Financial Commitment	☐ Photographs	☐ Turn Lane Analysis
☐ Warrant Analysis	☐ Straight Line Diagram	☐ Turn Restriction Studies
☐ Crash Analysis	☐ Capacity Analysis	☐ Municipal Contact Information
■ Traffic Signal Study	☐ Traffic Impact Study (TIS)	☐ Other: _____
☐ Condition Diagram		

D – Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location identified above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. Applicant agrees to own and maintain the traffic signal in accordance with the Commonwealth and Municipal Traffic Signal Maintenance Agreement referenced in Section A.

By (Signature): Charlotte M. Shaffer Date: 9/17/2025

Printed Name of Municipal Authorized Official: Charlotte Shaffer

Title of Signatory: Board of Supervisor - Chair

DEPARTMENT USE ONLY

County: _____ Engineering District _____

Department Tracking #: _____ Intial Submission Date: _____