

**SIGNAL SERVICE, INC.**

1020 ANDREW DRIVE  
WEST CHESTER, PENNSYLVANIA 19380

(610) 429-8073  
FAX: (610) 429-8076

RECEIVED  
DEC 16 2023  
ADMINISTRATION

December 4, 2025

Caln Township  
Attn: Mr. Don Vymazal  
253 Municipal Drive  
Thorndale, PA 19372

Re: Traffic Signal Maintenance Contract Renewal

Dear Mr. Vymazal:

Our records indicate it is time to renew your traffic signal maintenance contract. The contract cost for your preventive maintenance will remain the same as last year unless you have added intersections, flashers or school signals.

We will continue our two-year contract to reduce paperwork and administrative costs. The contract term will be two years but is based upon annual preventive maintenance and yearly invoicing. We will invoice you upon completion of the preventive maintenance each year.

Enclosed you will find our maintenance proposal. I have enclosed two copies of the Acceptance Agreement, one bound and one loose. **Please sign both copies, retain the bound copy for your records and return the other copy to us.**

Your continued support and confidence in our abilities are very much appreciated; thus, we are looking forward to the continuation of our business relationship. As technology advances and the demands of traffic management increase, we are ready to provide solutions to your problems. Please take advantage of our knowledge and expertise.

I can be reached at (610) 429-8073 to talk about your future traffic signal needs or to resolve any issues that may arise. Our goal remains the same, to provide the very best preventive maintenance, emergency service and traffic management solutions that you have come to expect from our organization.

Sincerely,



William G. Dunn III,  
Director of Field Services

WGD/baj  
Enclosure

## TRAFFIC SIGNAL MAINTENANCE CONTRACT

The undersigned agree to be bound by this contract for the performance of maintenance of the traffic signal(s) as described.

### LOCATIONS

Refer to Exhibit A.

### PARTIES

The maintenance contractor refers to Signal Service, Inc., the only contractor authorized by this agreement to perform maintenance on the traffic signal system(s) in the municipality. The municipality refers to Caln Township, Chester County.

### TERM

The term of this agreement is (2) years, commencing February 1, 2026, but may be extended for additional two-year period based upon the mutual consent of both parties.

### CONTRACT AMOUNT

The yearly contract amount is \$7,500.00, billable and due upon completion of preventive maintenance.. This price does not include any local taxes or permits. Should local taxes or permits be applicable, the municipality will be billed an additional sum for those taxes plus handling charges of ten percent. Refer to Exhibit A for individual location amounts.

### DUTIES OF THE MAINTENANCE CONTRACTOR

#### A. PREVENTIVE MAINTENANCE

Perform annual preventive maintenance at the beginning of each contract year in accordance with PennDOT PUB 191, including:

1. Perform preventive maintenance per Exhibit B.
2. Inspection for proper installation.
3. Inspection to ensure the conformance of the installation to the PennDOT permit and condition diagram.
4. Advise the municipality of the results of the inspections and recommend any corrective action needed.

#### B. RESPONSE MAINTENANCE

Perform response maintenance when requested as follows:

1. Respond in a timely manner (Emergency service within 4 hours).
2. Perform the work in a safe and accurate manner.
3. Bill the municipality for material at the current contract price; bill labor and equipment at rates shown in Exhibit C.

## **DUTIES OF THE MUNICIPALITY**

1. Notify Signal Service, Inc. of any malfunction or problems at the intersections immediately.
2. Advise the maintenance contractor of any changes in the condition diagram.
3. Maintain the installation in proper operating condition and in conformance with the PennDOT permit and the condition diagram.
4. Pay the contractor in a prompt manner with no payment being contingent upon third party claims.

## **EXISTING WARRANTIES AND GUARANTEES**

No known warranties or guarantees exist.

## **SIGNAL SERVICE WARRANTIES AND GUARANTEES**

Equipment installed carries the guarantee, if any, of the manufacturer.

Signal Service warrants its workmanship for a period of one year.

Loop Detector replacement is guaranteed for a period of two years as long as loop failure is not a result of pavement failure.

While the parties realize that intermittent problems on solid state equipment may be difficult to diagnose, Signal Service, Inc.'s billing will be governed the following criteria:

1. Customer will be billed for the initial call.
2. Customer will not be billed for subsequent calls for the same problem if it was not resolved on previous call(s).
3. If the problem is resolved and has required additional material or labor beyond the initial call, the customer will be billed for these additional amounts.
4. If the problem persists and Signal Service is unable to resolve it, Signal Service, Inc. will notify the municipality and recommend replacement. If this recommendation is not acted upon by the municipality within 10 days, all future calls will be billed to the municipality at normal billing rates.

**TRAFFIC SIGNAL MAINTENANCE CONTRACT--Exhibit A**

Caln Township

INTERSECTIONS	AMOUNT
1. Route 30 and Caln Village Shopping Center	\$375.00
2. Route 30 and Route 340	\$375.00
3. Route 30 and Municipal Drive	\$375.00
4. Route 30 and North Bailey Road	\$375.00
5. Route 30 and South Bailey Road	\$375.00
6. Route 30 and Barley Sheaf Road	\$375.00
7. Route 30 and North Caln Road	\$375.00
8. Route 30 and Veterans Drive	\$375.00
9. Route 340 and Reeceville Road	\$375.00
10. Reeceville and Route 30 Eastbound Ramp	\$375.00
11. Reeceville and Fisherville	\$375.00
12. Reeceville and Brandywine Hospital / School	\$375.00
13. Route 340 and G.O. Carlson	\$375.00
14. Route 340 and Humpton	\$375.00
15. Route 340 and Route 30 Westbound Ramp	\$375.00
16. Manor and Rock Raymond	\$375.00
17. Manor and Lloyd	\$375.00
18. Manor and Route 30 Westbound Ramps	\$375.00
19. Manor and Gendry	\$375.00
20. Horseshoe and Gendry	\$000.00

SCHOOL SIGNAL	AMOUNT
1. Caln Elementary School (2)	\$125.00

FLASHERS	AMOUNT
1. Route 30 and Thorndale S.C. Pedestrian Warning Flashers (2)	\$125.00
2. Black Horse Pike Pedestrian Warning Flashers (2)	\$125.00

TOTAL AMOUNT \$7,500.00

# TRAFFIC SIGNAL MAINTENANCE CONTRACT-Exhibit B

## Annual Preventive Maintenance Summary

### MECHANICAL

#### Cabinet

- oil hinges and lock
- replace filter
- check weatherproof seal (gasket)
- check anchor bolts
- check for gas, water accumulation, duct sealant
- check ground rod clamp
- wiring schematics and report available and signed
- check operation of fan and heater

#### Signal Heads

- clean lenses, signs and reflectors

#### Mast Arms and Poles

- inspect for rust and spot paint as required
- inspect the joints for rust and cracks at (1) arm/upright location and (2) base plate
- inspect anchor bolts for rust and tightness
- inspect horizontal and vertical angle of the arm

#### Span Wire and Poles

- refer to applicable pole section
- check span wire
- check clamps, hardware
- check guy wire and the anchor

#### Push Buttons

- check push button on each end of actuated crosswalks and visually verify pedestrian signal operation; verify timing
- check push button lamp (if existing) for operation
- check push buttons signs and clean if necessary
- check push button sign alignment

#### Detector Sensors

- make a visual inspection of the roadway along the saw cut for exposed wires, cracks, potholes, etc.
- check alignment for sonic, magnetic and radar-type detectors

# TRAFFIC SIGNAL MAINTENANCE CONTRACT-Exhibit B

## Annual Preventive Maintenance Summary

### UNDERGROUND

#### Junction boxes and hand holes

- check the integrity of the splices
- check ground rod and clamp connection, check bonding of conduits
- check the insulation
- check for abnormal amount of water
- check lid for abnormal condition and fit

### ELECTRICAL

- check radio interference filter and lightning arrestor

### ELECTROMECHANICAL CONTROL EQUIPMENT

#### Relays

- check for burned and pitted contacts and service contacts per manufacturer's maintenance recommendations
- check for tight and secure fit into the sockets
- if latch type relays, check for latch operation as per manufacturer's specification

#### Flashers

- check flash rate
- check operation
- service contacts per manufacturer's recommendations
- check for tight and secure fit into sockets

#### Switches

- verify operation of each switch position

#### Terminal Connections

- check visually for signs of corrosion or any abnormal condition
- tighten all terminal connections

# TRAFFIC SIGNAL MAINTENANCE CONTRACT-Exhibit B

## Annual Preventive Maintenance Summary

### ELECTRICAL (Continued)

#### SOLID STATE, ANALOG AND MICROPROCESSOR-BASED CONTROL EQUIPMENT

- check time settings against master time sheet
- check indicator lamps on modules; replace if required
- check for extension by detector actuation
- check tightness and security of modules to frame
- check tightness and security of connector

#### Load Switches

- check tightness and security of load switch packs to chassis

#### Conflict Monitor

- test conflict monitor with a computerized test set IAW PennDOT standards. A copy of the test results will be kept on file at Signal Service, Inc.

#### Auxiliary Logic

- ensure that points of connection are making good contact
- if electromechanical device, check for any wear; if contacts are used, clean as required per manufacturer's recommendations

#### Detector Amplifiers

- check for detection of vehicles within design zone
- perform any necessary tuning
- check tightness and security of connections

#### INTERCONNECTED EQUIPMENT

- check for controller operation in mode selected by the supervisory master
- disconnect from the master supervisory system and check for "free" or backup operation
- check operation of any special equipment per manufacturer's recommendations

#### GENERAL

- record changes in timing, wiring or any function

**TRAFFIC SIGNAL MAINTENANCE CONTRACT--Exhibit C**

**Labor Rate Schedule (per hour)**

	<b>Regular</b>	<b>Overtime</b>	<b>Double Time</b>
Signal Technician / Electrician	\$ 80.00	\$120.00	\$160.00
Signal Mechanic	45.00	67.50	90.00
Equipment Operator	80.00	120.00	160.00
Foreman	95.00	142.50	190.00
Electrical Engineer	100.00	150.00	200.00

**Equipment Rate Schedule (per hour)**

	<b>Rates</b>
Service Vehicle / Bucket Truck Mobile Signal Shop	60.00
45' Bucket Truck	60.00
Crane/Ladder Truck	75.00
Auger Truck	70.00
Dump Truck--7 cu. yd.	40.00
Dump Truck--2 cu. yd.	35.00
Backhoe	50.00
Compressor with accessories	25.00
Earth Trencher	30.00
Wheel Trencher	125.00

1. Typical hourly service charge would include a technician @ \$80.00 and a service vehicle @ \$60.00 or \$140.00/hour total.
2. Signal Service, Inc. will provide a quotation if specifically requested by the municipality.
3. Regular rates apply Monday through Friday 8:00 am to 4:00 p.m. Overtime rates apply Monday through Friday 4:00 p.m. to 8:00 am and on Saturday's regardless of time of call. Double time rates apply on Sunday's and Holidays regardless of time of call.
4. Minimum Service charge will be (1) hour. Minimum call-out charge will be (3) hours.

**TRAFFIC SIGNAL MAINTENANCE CONTRACT--Exhibit D**

SERVICE TYPE	INTERSECTION TYPE		
	Critical	Intermediate	Minor
<b>EMERGENCY - PHYSICAL</b>			
Knockdown	4 hrs.	4 hrs.	4 hrs.
Signal Hanging	4 hrs.	4 hrs.	4 hrs.
Wires Hanging	4 hrs.	4 hrs.	4 hrs.
Electrical Hazard	4 hrs.	4 hrs.	4 hrs.
Other	4 hrs.	4 hrs.	4 hrs.
<b>EMERGENCY - SAFETY</b>			
Conflict	4 hrs.	4 hrs.	4 hrs.
On Flash	4 hrs.	4 hrs.	24 hrs.
Head twisted / Conflicting Indications	4 hrs.	4 hrs.	4 hrs.
Intersection Dark	4 hrs.	4 hrs.	4 hrs.
Opticom Malfunction	4 hrs.	4 hrs.	24 hrs.
Stuck	4 hrs.	4 hrs.	24 hrs.
Serious Timing Deficiency	4 hrs.	4 hrs.	24 hrs.
Other	4 hrs.	4 hrs.	24 hrs.
<b>NON-EMERGENCY RESPONSE</b>			
Bulb Out	72 hrs.	72 hrs.	72 hrs.
Loop Malfunction	48 hrs.	48 hrs.	48 hrs.
Out of Synchronization	24 hrs.	24 hrs.	48 hrs.
Head Twisted / Not Conflicting Indications	24 hrs.	24 hrs.	48 hrs.
Other	24 hrs.	24 hrs.	48 hrs.
<b>NON-EMERGENCY - SCHEDULE</b>			
Preventive Maintenance	Schedule	Schedule	Schedule
Relamping <b>DOES NOT APPLY TO THIS CONTRACT</b>	Schedule	Schedule	Schedule
Modifications	Schedule	Schedule	Schedule
Other	Schedule	Schedule	Schedule

**TRAFFIC SIGNAL MAINTENANCE CONTRACT**

**ACCEPTANCE AGREEMENT**

In consideration of the mutual covenants, promises and agreements contained in the maintenance contract dated February 1, 2026 between the two parties referred to as Signal Service, Inc. and Caln Township, Chester County the parties, hereto, intend to be legally bound.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective February 1, 2026.



Witness

Signal Service, Inc.,

By: 

William G. Dunn III, Director of Field Services

Caln Township

By: \_\_\_\_\_

\_\_\_\_\_  
Witness