

Sealed Bids

Sealed proposals will be received by the Washington Township Supervisors at 11798 Buchanan Trail East, Waynesboro, PA 17268, until **12:00 p.m.** on Monday, December 4, 2023, for the following:

Traffic Signal Controller Upgrades at Intersections along SR 0016 (Main St/Buchanan Trail)

Steel products used in a project funded by an award issued under this chapter must comply with the Steel Products Procurement Act (73 P. S. §§ 1881—1887). See bid proposal package for all specifics. Bid packages are available at the Washington Township Office or from the Township website at www.washtwp-franklin.org/Home/Bids.

*The bid must be accompanied by a bank check or bid bond in the amount of 10% of the bid, made payable to the Municipality.

Proposals must be upon the forms furnished by the Municipality.

The right is reserved to reject any or all proposals and to accept any proposal deemed to be most favorable to the interest of the Township of Washington.

**WASHINGTON TOWNSHIP SUPERVISORS
KAREN S. HARGRAVE, SECRETARY**

Publish: November 24, & November 29, 2023

Proof of Publication Requested.

*Invoice: Washington Township Supervisors
11798 Buchanan Trail E.
Waynesboro, PA 17268*

SPECIFICATIONS
FOR
TRAFFIC SIGNAL
CONTROLLER UPGRADES

AT INTERSECTIONS
ALONG

SR 0016 (MAIN ST/BUCHANAN TRAIL)

IN

WASHINGTON TOWNSHIP,
FRANKLIN COUNTY

OCTOBER 2023

GROVE MILLER ENGINEERING, INC.
Traffic Engineering Consultants
Harrisburg, Pennsylvania
www.grovmiller.com

PROPOSAL

TO: Washington Township
Attn: Vernon Ashway, Township Manager
11798 Buchanan Trail East
Waynesboro, PA 17268

RE: Proposal: **Traffic Signal Controller Upgrades at Intersections along
SR 0016 (Main St/Buchanan Trail)**

Pursuant to your request for quotations, the undersigned, having carefully examined the site of the work and completely understanding the plans and specifications, herein agrees to furnish all materials required and to perform all labor necessary to satisfactorily complete the construction in accordance with the plans and specifications for the amount shown.

SCHEDULE OF PRICES

Traffic Signal Controller Upgrades at Intersections along SR 0016 (Main St/Buchanan Trail)

ITEM NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	COST
9901-0001	– LS	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION	_____	_____
9952-1041	5 EA	NEMA TS-2, TYPE 2 CONTROLLER ASSEMBLY	_____	_____
9952-2000	5 EA	GPS TIME CLOCK	_____	_____
9952-5000	1 LS	TRAFFIC SIGNAL TIMING UPDATES	_____	_____
TOTAL:			=====	=====

TOTAL in words: _____

The owner reserves the right to increase or decrease quantities or eliminate items of work entirely.

The above listed quantities are for information only; the contract will be awarded and payment will be made based upon the total price, considered to be lump sum for the entirety of the traffic signal modifications.

The undersigned, intending to be legally bound, agrees that this proposal shall be irrevocable and shall remain subject to your acceptance for forty-five (45) days after date and time for bid opening.

(If an Individual)

Witness

Signature of Individual

Trading and doing business as

Address

(If a Partnership)

Name of Partnership

Address

Witness

Signature of Partner

Witness

Signature of Partner

Witness

Signature of Partner

State here the names and addresses of all partners:

(If a Corporation)

ATTEST:

Secretary or
Assistant Secretary

(Corporation Seal)

Name of Corporation

Address of Principal Office

State of Incorporation

President or Vice President

State here the names and addresses of three (3) principal officers:

PROPOSAL

ITEMIZED MATERIALS AND EQUIPMENT

MATERIAL AND EQUIPMENT	DESCRIPTION AND MANUFACTURER	MODEL #	DEPARTMENT OF TRANSPORTATION APPROVAL #
NEMA TS-2; TYPE 2 CONTROLLER ASSEMBLY			
GPS TIME CLOCK			

TECHNICAL SPECIFICATIONS

1. General

- 1.1 All work and materials shall be in accordance with these specifications and in accordance with Pennsylvania Department of Transportation "Specifications", current edition, hereinafter referred to as Publication 408.
- 1.2 The Contractor will furnish all materials and workmanship specified herein, and all miscellaneous materials, equipment, and labor as may be required to complete the Traffic Signal Controller Upgrades at Intersections along SR 0016 in accordance with these specifications and the Traffic Signal Permit plans.
- 1.3 The work shall be commenced within (15) days after the date of the Contract and when directed by the Engineer. Initial work shall consist of ordering signal equipment.
- 1.4 The work shall be completed and ready for PennDOT inspection no later than 120 days after work commences.
- 1.5 All Traffic Signal materials and equipment provided by the Contractor shall be guaranteed for a period of one (1) year following acceptance of the project by Washington Township. The Contractor's workmanship shall be similarly guaranteed.
- 1.6 The Contractor shall review the project site prior to initiating work and shall meet with representatives of all affected utility companies to determine types and locations of underground and overhead utilities.
- 1.7 The Contractor shall review the project site prior to initiating work to evaluate existing traffic signal equipment. This evaluation shall include the condition and capacity of existing junction boxes and conduits, as necessary.
- 1.8 The current version of PennDOT Publication 148, "Traffic Standards-Signals", shall apply to all work performed on this project.
- 1.9 This project is funded by state funds and is subject to minimum prevailing wage rates.

- 1.10 All materials must be approved by Washington Township before use.

2. **Project Description**

This project consists of traffic signal controller upgrades, GPS time clock installations, and traffic signal timing updates to the traffic signals at the intersection of SR 0016/Welty Road, SR 0016/Oller Avenue, SR 0016/ Old Forge Road, SR 0016/Midvale Road, and SR 0016/Washington Township Boulevard in Washington Township, Franklin County.

The following traffic signal permit plans were issued for the project by PennDOT:

SR 0016/Welty Road - Permit No. 3095, dated September 24, 2023
SR 0016/Oller Avenue - Permit No. 1046, dated September 24, 2023
SR 0016/Old Forge Road - Permit No. 3094, dated September 24, 2023
SR 0016/Midvale Road - Permit No. 3093, dated September 24, 2023
SR 0016/Washington Township Boulevard - Permit No. 3096, dated September 24, 2023
Traffic Signal System Permit for SR 0016 - Permit No. I-0086, dated October 3, 2023

3. **Item 9901-0001 - Maintenance and Protection of Traffic During Construction**

- 3.1 Work area signs and warning devices shall be displayed in accordance with the current version of PennDOT Publication 213, "Temporary Traffic Control Guidelines". PATA 101, 201, 401, and 501 shall apply when working adjacent to the roadways. Figure PATA 105, 109 shall be utilized when working within the intersection area. PATA 102, 103, 104, 107, 125, 305, and 602 shall be used when working in one travel lane.
- 3.2 No work on the roadway necessitating delays to traffic will be permitted between the hours of 6:30 AM and 9:00 AM, or between the hours of 3:30 PM and 6:00 PM.
- 3.3 The Contractor shall have flaggers or uniformed police to direct traffic as indicated in the "Temporary Traffic Control Guidelines" figures and as may be directed by Washington Township.
- 3.4 Sketches showing required signs, devices, and markings are provided in Publication 213.

4. **Item 9952-1041 - NEMA TS-2, Type 2 Controller Timer**

4.1 Description: This work is furnishing and installing **new controller timers** at the five (5) project intersections as indicated on the drawings, and in accordance with Publication 408 Section 952. **Existing controller cabinets will be used.**

4.2 Material: Controller timers to include all circuitry and connections to properly install, activate, and operate the traffic signal as indicated in the drawings.

Controller timers shall be an Econolite Cobalt, NEMA TS-2 Type-2.

4.3 Construction: Furnish and install the traffic signal controller timers as specified in Publication 408, Sections 950.3 and 952.3.

Remove existing traffic signal timer units. Return to the Township.

4.4 Measurement and Payment: Each.

5. **Item 9952-2000 - GPS Time Clock**

- 5.1 Description: This work is furnishing and installing new GPS time clocks at the five (5) project intersections as indicated on the drawings, and in accordance with Publication 408 Section 952.
- 5.2 Material: All hardware required to properly furnish and install new Garmin Serial GPS time clock units to insure accurate time-based coordination between the project signalized intersections.
- 5.3 Construction: Furnish and install the GPS time clock units in accordance with Publication 408 Section 952.
- 5.4 Measurement and Payment: Each.

6. **Item 9952-5000 - Traffic Signal Timing Updates**

- 6.1 Description: This work is installing the traffic signal timings in the new controllers in accordance with the individual intersection plans and the Traffic Signal System Permit for SR 0016.
- 6.2 Construction: Input the updated traffic signal clearance intervals, pedestrian intervals, and coordination timings as indicated on the drawings.
- 6.3 Measurement and Payment: Lump Sum.

MAINTENANCE AND PROTECTION OF TRAFFIC

WORK ZONE TRAFFIC CONTROL

PENNDOT Publication 213

FIGURE NUMBER	DESCRIPTION
PATA 101	Work Space On Or Beyond The Shoulder (No Roadway Encroachment)
PATA 102	Work Space On Or Beyond The Shoulder (Minor Roadway Encroachment)
PATA 103	Work Space Has A Major Encroachment on the Roadway
PATA 104	Work Space In Center Of Roadway
PATA 105	Work Space In Center of Intersection
PATA 107	Work In One Lane; Two Flaggers
PATA 109	Four-Leg Intersection Flagging Operation
PATA 125	Work Space In The Left Or Right Lane
PATA 201	Work Space Beyond Shoulder
PATA 305	Work Space In The Left Or Right Lane
PATA 401	Work Space On Or Beyond The Shoulder (No Roadway Encroachment)
PATA 501	Work Space Beyond Shoulder
PATA 602	Work Space In The Left Or Right Lane

DRAWINGS



TRAFFIC CONTROL SIGNAL PERMIT

Permit No. 3095Sheet 1 of 3

In accordance with the §6122(a)(2) Vehicle Code (Title 75), the Secretary of Transportation hereby approves the installation of a traffic control signal at the intersection of Main Street (SR 0016) & Welty Road in the Township of Washington, County of Franklin.

This permit is issued to, and accepted by the Township of Washington hereinafter known as the Permittee, as follows:

This installation shall be in accordance with the Vehicle Code and the Regulations for traffic signs, signals and markings of the Department of Transportation, and shall conform to information shown on the attached sheets.

All work performed by the Permittee in the erection of the traffic signal shall be under and subject to the direction of the Secretary of Transportation or their authorized representatives. The said Permittee shall use due diligence in the execution of the work authorized under this permit and shall not obstruct or endanger travel along the said road. All operations must be conducted so as to permit safe and reasonable free travel at all times over the road within the limits of the work herein permitted.

The Permittee shall indemnify, save harmless and defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives and employees, from all suits, actions, or claims of any character, name, or description, damages, judgments, expenses, attorneys' fees and compensation arising out of personal injury, death or property damage, sustained or alleged to have been sustained in whole or in part by any and all persons whatsoever as a result of or arising out of any act, omission, neglect, or misconduct of the Permittee, its officers, agents, contractors, or employees, during the construction, or from faulty maintenance and operation of such traffic signal.

The Secretary of Transportation, by law, reserves the right to revoke and annul this permit if the Permittee shall at any time willfully or negligently fail to comply with the conditions contained in this permit, or, upon changes in traffic conditions, fail to make any changes in the construction or operation of this signal, or to remove it, when so ordered by the Secretary of Transportation; or if this installation is not in operation within 24 months of the receipt of this permit. The Permittee shall operate and maintain the signal in accordance with Commonwealth and Municipal Traffic Signal Maintenance Agreement #28215 with an effective date of May 12, 2023. The Permittee shall not make any change in the construction or operation of this traffic signal without prior written approval of the Secretary of Transportation.

This permit cancels and supersedes all previous permits issued for this location upon completion of the installation specified herein.

DATE ISSUED August 9, 1992
DATE REVISED September 24, 2023

APPROVED

Michael B. Carroll

Secretary of Transportation

BY

Christopher C. Flad, P.E.

2023.09.24 10:47:38 -04'00'

District Traffic Engineer

																			EMERGENCY FLASH
PHASE INTERVAL SIGNAL	PHASE 1+5 ⑥			PHASE 2+5 ⑦			PHASE 1+6 ⑧			PHASE 2+6			PHASE 4+8			REF FOR			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16	17	18
1	R	R ⁰	R ⁰	G	Y ⁴	R ⁶	R	R	R	R	G	G	Y	R	R	R	R	R	R
2	R	R	R	G	Y ³	R ⁶	R	R	R	R	G	G	Y	R	R	R	R	R	R
3	R	R ⁰	R ⁰	G	R	R	G	G	Y ⁴	R ⁶	G	G	Y	R	R	R	R	R	R
4	R	R	R	R	R	R	G	G	Y ³	R ⁶	G	G	Y	R	R	R	R	R	R
5-6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R
7-8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R
9	R	R ⁰	R ⁰	R	G	R	R	R	R	R	R	R	R	R	G	G	Y	R	R
10-11	H	H	H	H	H	H	H	H	H	H	H	H	H	H	M	FH	H	H	OFF
12-13	H	H	H	H	H	H	M	FH	H	H	M	FH	H	H	H	H	H	H	OFF
FAIL-SAFE LAMP-14	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-15	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-16	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-17	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FIXED	4.2,3.2			4.2,3.2			4.2,3.2			4.2,3.2			3.5,2.2						
MINIMUM	3			3			3				15				3				
SEC/ACT											2.1								
PASSAGE	3			3			3				6				3				
MAX INITIAL											35								
TBR											20								
TTR											10								
MIN GAP											3								
MAXIMUM	14			14			14				47				11				
*PEDESTRIAN							⑥ ⑥				7	25			7	15			
MEMORY	NON-LOCK			NON-LOCK			NON-LOCK			MAX RECALL			NON-LOCK						

1. R/-C-G- IF FOLLOWED BY PHASE 2+5
2. R/-C-G- IF FOLLOWED BY PHASE 1+6
3. R/-G-G- IF FOLLOWED BY PHASE 2+5
4. G/-C-Y- IF FOLLOWED BY PHASE 2+6
5. G IF FOLLOWED BY PHASE 2+6
6. PHASE 1+5 SHALL ONLY FOLLOW PHASE 4+8
7. PHASE 2+5 SHALL ONLY FOLLOW PHASE 1+5 OR 4+8
8. PHASE 1+6 SHALL ONLY FOLLOW PHASE 1+5 OR 4+8
9. TIMING WILL BE AS SHOWN IN PHASE 2+6. IT MAY
TIME OUT IN THIS PHASE OR BE COMPLETED IN
PHASE 2+6

1. DETECTOR 1 CALLS AND EXTENDS PHASE 2
2. DETECTOR 2 CALLS AND EXTENDS PHASE 6
3. DETECTOR 3 CALLS AND EXTENDS PHASE 5
4. DETECTOR 4 CALLS AND EXTENDS PHASE 1
5. DETECTORS 5 AND 6 CALL AND EXTEND PHASE 8
6. DETECTORS 7 CALLS AND EXTENDS PHASE 4,
(PROGRAMMED WITH A 5 SECOND DELAY)
7. DETECTORS 8 AND 9 CALL AND EXTEND PHASE 4

REFER TO SYSTEM PERMIT I-0086
FOR COORDINATION TIMINGS

INSTALLATION, OPERATION AND MAINTENANCE OF THIS TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED
UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE
DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED BY THE PERMITTEE, UNLESS OTHERWISE INDICATED. EXCEPT THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS, WHICH WILL BE MAINTAINED BY THE DEPARTMENT.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY SHALL NOT BE LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY. THE BOTTOM OF POST MOUNTED SIGNAL HEADS SHALL NOT BE LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL HEADS, MEASURED AT RIGHT ANGLES TO THE APPROACH, SHALL BE 8 FEET.

PERMIT NO.	003095	SHEET 2 OF 3
DATE ISSUED	8/9/92	DATE REVISED 09-24-2023

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR EMBANKMENT REMOVAL, CURBING AND/OR SIDEWALK, DRAINAGE STRUCTURES, CHANGES IN HIGHWAY GEOMETRY, PAVEMENT WIDENING, OR INSTALLATION OF ADDITIONAL LANES.

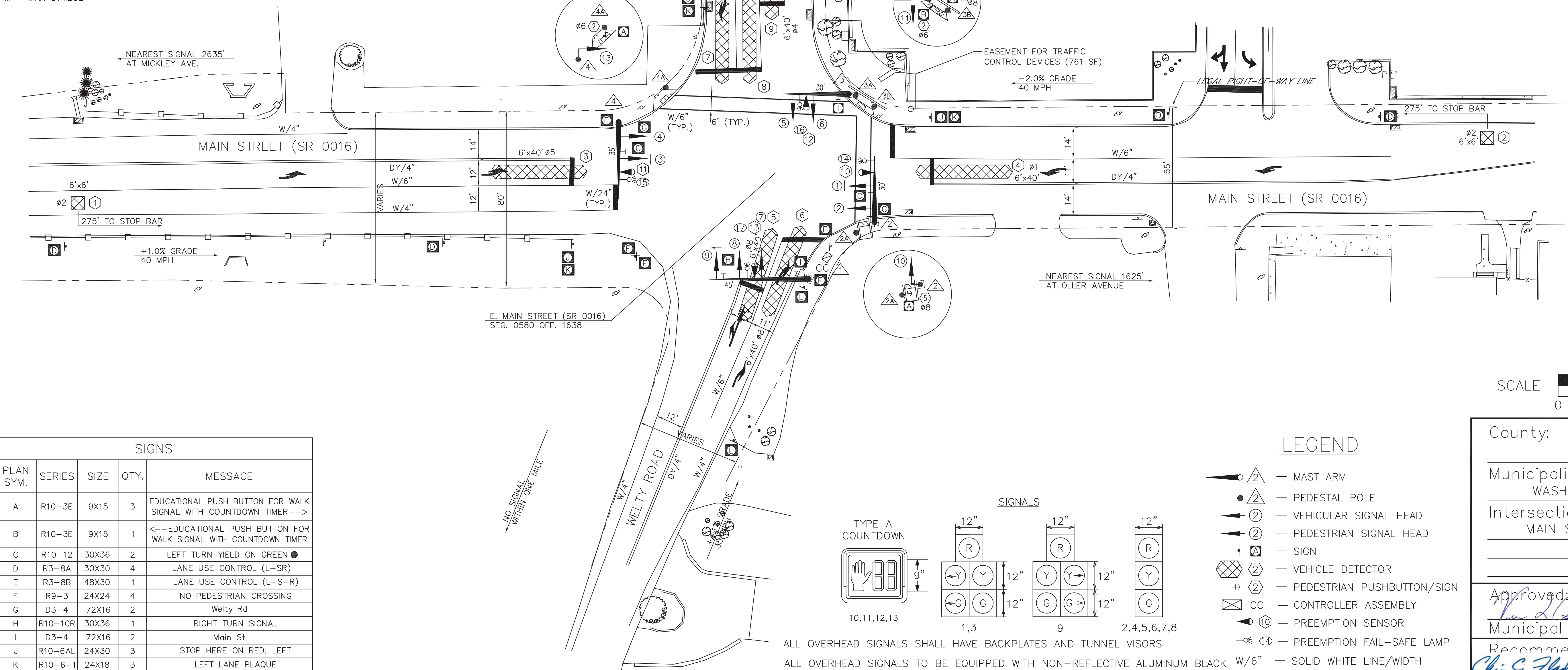
CONDUIT INSTALLED IN ASPHALT ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION
DRAWING UNLESS THE PERMITEE COMPLIES WITH THE PROVISIONS
OF ACT 50, UNDERGROUND UTILITY LINE PROTECTION ACT, DATED
APRIL 28, 2018. PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY
COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED
DUE TO THE LOCATION OF UTILITIES.

PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING HANDBOOK.










PERMITTEE IS RESPONSIBLE FOR OBTAINING APPROVAL
FOR INSTALLATION OF TRAFFIC SIGNAL DEVICES LOCATED
OUTSIDE HIGHWAY RIGHT-OF-WAY.

TRAFFIC SIGNALS INSTALLED USING LIQUID FUELS TAX FUNDS
MUST CONFORM TO DEPARTMENT SPECIFICATIONS AS SET FORTH
IN CURRENT PUBLICATION 408, SUPPLEMENTS AND STANDARD
DRAWINGS.



SIGNS				
PLAN SYM.	SERIES	SIZE	QTY.	MESSAGE
A	R10-3E	9X15	3	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER-->
B	R10-3E	9X15	1	<--EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER
C	R10-12	30X36	2	LEFT TURN YIELD ON GREEN ●
D	R3-8A	30X30	4	LANE USE CONTROL (L-SR)
E	R3-8B	48X30	1	LANE USE CONTROL (L-S-R)
F	R9-3	24X24	4	NO PEDESTRIAN CROSSING
G	D3-4	72X16	2	Welty Rd
H	R10-10R	30X36	1	RIGHT TURN SIGNAL
I	D3-4	72X16	2	Main St
J	R10-6AL	24X30	3	STOP HERE ON RED, LEFT
K	R10-6-1	24X18	3	LEFT LANE PLAQUE
L	R3-8A	30X30	2	LANE USE CONTROL (LS-R)

LEGEND

-  — MAST ARM
-  — PEDESTAL POLE
-  — VEHICULAR SIGNAL HEAD
-  — PEDESTRIAN SIGNAL HEAD
-  — SIGN
-  — VEHICLE DETECTOR
-  — PEDESTRIAN PUSHBUTTON/SIGN
-  CC — CONTROLLER ASSEMBLY
-  (10) — PREEMPTION SENSOR

County: FRANKLIN

Municipality:
WASHINGTON TOWNSHIP

Intersection:
MAIN STREET (SR 0016) &
WELTY ROAD

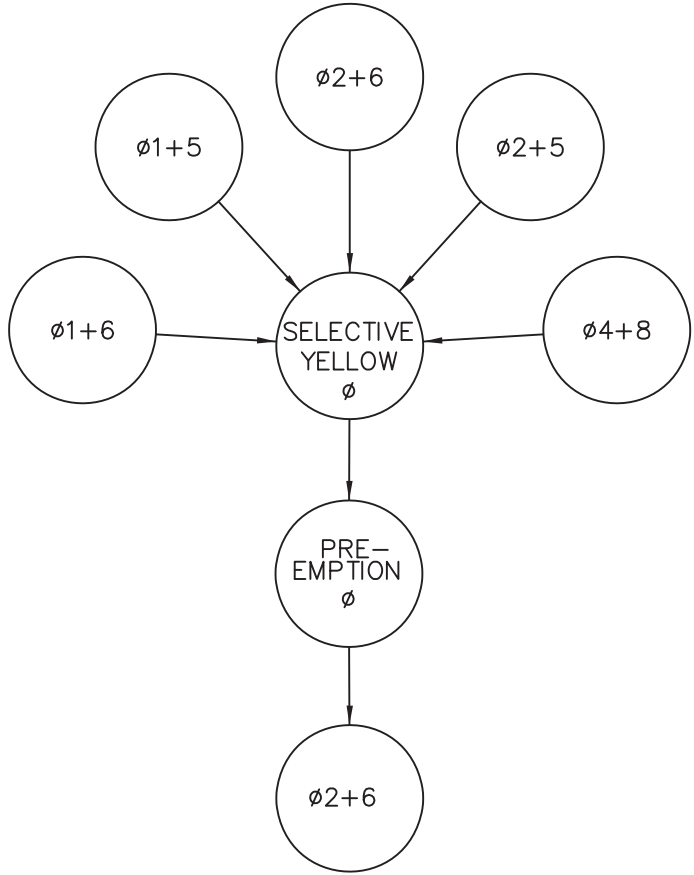
Approved:  8/30/23
Municipal Official Date

Recommended: Christopher C. Flad, P.E. 09-24-2023
2023.09.24 10:45:12 -04'00'
 Dist. Traffic Eng. Date

MOVEMENT, SEQUENCE, AND TIMING																
PHASE	EB PRE-EMPTION				WB PRE-EMPTION				SB PRE-EMPTION				NB PRE-EMPTION			
INTERVAL	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1																
2																
3																
4																
5-6																
7-8																
9																
FAIL-SAFE LAMP-14	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-15	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-17	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
FAIL-SAFE LAMP-16	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
FIXED																

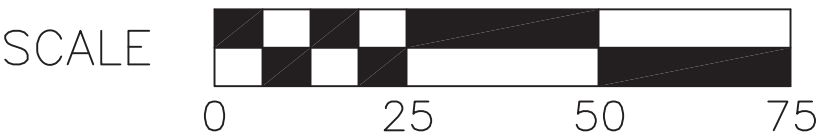
CONTROLLER NOTES

- A. G/—Y IF FOLLOWED BY PHASE 2+6.
- B. G IS FOLLOWED BY PHASE 2+6.
- C. SELECTIVE YELLOW INTERVAL INCLUDES THE ALL-RED PHASE INTERVAL.
- D. FOR DURATION OF OPTICAL PRE-EMPTION.
- E. NORMAL YELLOW AND ALL-RED PHASE TIMINGS SHALL BE UTILIZED.



EMERGENCY PRE-EMPTION NOTES:

- CONTROLLER TO BE EQUIPPED WITH EMERGENCY PRE-EMPTION FOR THE EASTBOUND & WESTBOUND APPROACHES OF MAIN STREET (SR 0016), THE NORTHBOUND APPROACH OF WELTY ROAD (T-365), AND THE SOUTHBOUND APPROACH OF N. WELTY ROAD (T-365) WITH A FAIL SAFE DEVICE FOR EACH DIRECTION OF OPERATION.
- THIS FAIL SAFE SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT, AND SHALL BEGIN FLASHING WHEN THE PREEMPTION PHASE DISPLAYS PREEMPTION GREEN FOR THE EMERGENCY VEHICLE APPROACH. LOCATION OF THE EMERGENCY VEHICLE DETECTORS ARE TO FIELD ADJUSTED TO ACHIEVE MAXIMUM OPERATION.
- 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 PRE-EMPTION OCCURS. THE "GREEN" INDICATIONS FOR THE PRE-EMPTED PHASE SHALL REMAIN "GREEN" FOR THE DURATION OF SIGNAL PRE-EMPTION AND "RED" INDICATIONS DISPLAYED FOR ALL OTHER PHASES.
- THE SIGNALS, WHEN ACTIVATED BY EMERGENCY VEHICLE SHALL TIME OUT ALL YELLOW AND RED INDICATIONS, FOLLOWED BY THE GREEN INTERVAL OF THE PRE-EMPTION PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE.
- IF SIGNALS HAVE BEEN ACTUATED BY PEDESTRIAN PUSHBUTTON, AND THE SIGNAL IS PRE-EMPTED THE PEDESTRIAN TIME SHALL TIME OUT FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES, BEFORE GOING INTO EMERGENCY PRE-EMPTION.
- IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING ALL SIGNALS SHALL REMAIN FLASHING.
- UPON COMPLETION OF PRE-EMPTION PHASE NB, SB, EB, OR WB IN RETURNING TO NORMAL OPERATION, PHASE 2+6 INTERVAL 11 SHALL FOLLOW.
- IN EMERGENCY PRE-EMPTION, NO PRIORITY SHALL BE ESTABLISHED, PRE-EMPTION SHALL BE A "FIRST COME, FIRST SERVE" OPERATION.



County:	FRANKLIN
Municipality:	WASHINGTON TOWNSHIP
Intersection:	MAIN STREET (SR 0016) & WELTY ROAD
Approved:	8/30/23
Municipal Official	Date
Recommended:	09-24-2023
Dist. Traffic Eng.	Date



**TRAFFIC CONTROL
SIGNAL PERMIT**

In accordance with the §6122(a)(2) Vehicle Code (Title 75), the Secretary of Transportation hereby approves the installation of a traffic control signal at the intersection of Buchanan Trail (SR 0016) & Oller Avenue in the Township of Washington, County of Franklin.

This permit is issued to, and accepted by the Township of Washington hereinafter known as the Permittee, as follows:

This installation shall be in accordance with the Vehicle Code and the Regulations for traffic signs, signals and markings of the Department of Transportation, and shall conform to information shown on the attached sheets.

All work performed by the Permittee in the erection of the traffic signal shall be under and subject to the direction of the Secretary of Transportation or their authorized representatives. The said Permittee shall use due diligence in the execution of the work authorized under this permit and shall not obstruct or endanger travel along the said road. All operations must be conducted so as to permit safe and reasonable free travel at all times over the road within the limits of the work herein permitted.

The Permittee shall indemnify, save harmless and defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives and employees, from all suits, actions, or claims of any character, name, or description, damages, judgments, expenses, attorneys' fees and compensation arising out of personal injury, death or property damage, sustained or alleged to have been sustained in whole or in part by any and all persons whatsoever as a result of or arising out of any act, omission, neglect, or misconduct of the Permittee, its officers, agents, contractors, or employees, during the construction, or from faulty maintenance and operation of such traffic signal.

The Secretary of Transportation, by law, reserves the right to revoke and annul this permit if the Permittee shall at any time willfully or negligently fail to comply with the conditions contained in this permit, or, upon changes in traffic conditions, fail to make any changes in the construction or operation of this signal, or to remove it, when so ordered by the Secretary of Transportation; or if this installation is not in operation within 24 months of the receipt of this permit. The Permittee shall operate and maintain the signal in accordance with Commonwealth and Municipal Traffic Signal Maintenance Agreement #28215 with an effective date of May 12, 2023. The Permittee shall not make any change in the construction or operation of this traffic signal without prior written approval of the Secretary of Transportation.

This permit cancels and supersedes all previous permits issued for this location upon completion of the installation specified herein.

DATE ISSUED November 20, 2007
DATE REVISED September 24, 2023

APPROVED

Michael B. Carroll

Secretary of Transportation

BY

Chris C. Flad

Christopher C. Flad, P.E.

2023.09.24 11:22:06 -04'00'

District Traffic Engineer

MOVEMENT, PHASING,
AND SEQUENCE CHART

PHASE	2+6				4+8				EMERGENCY FLASH
	1	2	3	4	1	2	3	4	
1,2	G	G	Y	R	R	R	R	R	R
3,4	G	G	Y	R	R	R	R	R	R
5,6	R	R	R	R	G	G	Y	R	R
7,8	R	R	R	R	G	G	Y	R	R
* 9,10,11,12	M	FH	H	H	H	H	H	H	OK
* 13,14,15,16	H	H	H	H	M	FH	H	H	OK
FIXED			3.9	2.7			2.9	2.4	
MINIMUM	15			3					
ADDED INIT	3.0			-					
MAX INITIAL	20			-					
PASSAGE	6			3					
TBR	20			-					
TTR	10			-					
MIN GAP	3.0			-					
MAXIMUM	45			25					
* PEDESTRIAN	7	14			7	14			
MEMORY	MIN-RECALL				NON-LOCK				

* UPON PEDESTRIAN ACTUATION, OTHERWISE
DONT WALK AT ALL TIMES

M - MAN SYMBOL
FH - FLASHING HAND SYMBOL
H - HAND SYMBOL

DETECTOR NOTES

1. DETECTOR 2 CALLS AND EXTENDS PHASE 2, PRESENCE
2. DETECTOR 4 CALLS AND EXTENDS PHASE 4, PRESENCE, 10 SECOND DELAY.
3. DETECTOR 6 CALLS AND EXTENDS PHASE 6, PRESENCE.
4. DETECTOR 8 CALLS AND EXTENDS PHASE 8, PRESENCE.

REFER TO SYSTEM PERMIT I-0086
FOR COORDINATION TIMINGS.

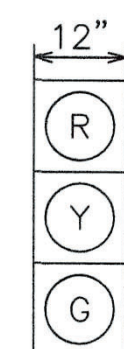
<-- 1625' TO SIGNAL AT WELTY ROAD
35 MPH
+1 % GRADE -->

4300' TO SIGNAL AT OLD FORGE ROAD -->
35 MPH
<-- -2.7 % GRADE

SIGNS

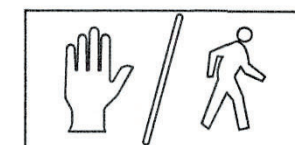
PLAN SYM.	SERIES	SIZE	QTY.	MESSAGE
A	R10-3B	9"x12"	4	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL →
B	R10-3B	9"x12"	4	← EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL
C	D3-4	72"x16"	2	PA Rte 16
D	D3-4	72"x16"	2	Oller Ave
E	R3-8A(L-SR)	30"x30"	4	LANE USE CONTROL

SIGNALS



1,2,3,4,
5,6,7,8

ONE PIECE HOUSING



9,10,11,12,
13,14,15,16

ALL OVERHEAD SIGNALS SHALL HAVE BACKPLATES AND TUNNEL VISORS

GENERAL NOTES

INSTALLATION, OPERATION AND MAINTENANCE OF THIS
TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL
TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED
UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE
DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY
OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE
RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS
DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL
BE INSTALLED AND MAINTAINED BY THE PERMITTEE, UNLESS
OTHERWISE INDICATED. EXCEPT THE LONGITUDINAL PAVEMENT
MARKINGS ON STATE HIGHWAYS, WHICH WILL BE MAINTAINED
BY THE DEPARTMENT.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE
SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF
THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR
OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM HORIZONTAL
CLEARANCE OF 2 FEET.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER
THE ROADWAY SHALL NOT BE LESS THAN 15 FEET NOR MORE
THAN 19 FEET ABOVE THE ROADWAY. THE BOTTOM OF POST
MOUNTED SIGNAL HEADS SHALL NOT BE LESS THAN 8 FEET NOR
MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL
HEADS, MEASURED AT RIGHT ANGLES TO THE APPROACH, SHALL
BE 8 FEET.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT
FOR EMBANKMENT REMOVAL, CURBING AND/OR SIDEWALK,
DRAINAGE STRUCTURES, CHANGES IN HIGHWAY GEOMETRY,
PAVEMENT WIDENING, OR INSTALLATION OF ADDITIONAL LANES.

CONDUIT INSTALLED IN ASPHALT 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.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION
DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS
OF ACT 50, UNDERGROUND UTILITY LINE PROTECTION ACT, DATED
APRIL 28, 2018, PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY
COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED
DUE TO THE LOCATION OF UTILITIES.

PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE
WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING
HANDBOOK.

PERMITTEE IS RESPONSIBLE FOR OBTAINING APPROVAL
FOR INSTALLATION OF TRAFFIC SIGNAL DEVICES LOCATED
OUTSIDE HIGHWAY RIGHT-OF-WAY.

TRAFFIC SIGNALS INSTALLED USING LIQUID FUELS TAX FUNDS
MUST CONFORM TO DEPARTMENT SPECIFICATIONS AS SET FORTH
IN CURRENT PUBLICATION 408, SUPPLEMENTS AND STANDARD
DRAWINGS.

LEGEND

- MAST ARM
- PEDESTAL POLE
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- SIGN
- VEHICLE DETECTOR
- PEDESTRIAN PUSHBUTTON/SIGN
- CONTROLLER ASSEMBLY
- LUMINAIRE
- DEPRESSED CURB
- SOLID WHITE LINE/WIDTH
- BROKEN WHITE LINE/WIDTH
- SOLID YELLOW LINE/WIDTH
- BROKEN YELLOW LINE/WIDTH
- DOUBLE YELLOW LINE/WIDTH

SCALE
0 25 50 75

County: FRANKLIN

Municipality: WASHINGTON TOWNSHIP

Intersection: PA ROUTE 16 (SR 0016)
AND OLLER AVENUE (T-412)

Approved: *Jeffrey B. Suman* 7/7/2023
Municipal Official Date

Recommended: *Chris C. Flad* 2023.09.24 11:17:44 -04'00'
Dist. Traffic Eng. Date



TRAFFIC CONTROL SIGNAL PERMIT

Permit No. 3094Sheet 1 of 2

In accordance with the §6122(a)(2) Vehicle Code (Title 75), the Secretary of Transportation hereby approves the installation of a traffic control signal at the intersection of Buchanan Trail (SR 0016) & Old Forge Road (SR 2007)/Grandview Drive in the Township of Washington, County of Franklin.

This permit is issued to, and accepted by the Township of Washington hereinafter known as the Permittee, as follows:

This installation shall be in accordance with the Vehicle Code and the Regulations for traffic signs, signals and markings of the Department of Transportation, and shall conform to information shown on the attached sheets.

All work performed by the Permittee in the erection of the traffic signal shall be under and subject to the direction of the Secretary of Transportation or their authorized representatives. The said Permittee shall use due diligence in the execution of the work authorized under this permit and shall not obstruct or endanger travel along the said road. All operations must be conducted so as to permit safe and reasonable free travel at all times over the road within the limits of the work herein permitted.

The Permittee shall indemnify, save harmless and defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives and employees, from all suits, actions, or claims of any character, name, or description, damages, judgments, expenses, attorneys' fees and compensation arising out of personal injury, death or property damage, sustained or alleged to have been sustained in whole or in part by any and all persons whatsoever as a result of or arising out of any act, omission, neglect, or misconduct of the Permittee, its officers, agents, contractors, or employees, during the construction, or from faulty maintenance and operation of such traffic signal.

The Secretary of Transportation, by law, reserves the right to revoke and annul this permit if the Permittee shall at any time willfully or negligently fail to comply with the conditions contained in this permit, or, upon changes in traffic conditions, fail to make any changes in the construction or operation of this signal, or to remove it, when so ordered by the Secretary of Transportation; or if this installation is not in operation within 24 months of the receipt of this permit. The Permittee shall operate and maintain the signal in accordance with Commonwealth and Municipal Traffic Signal Maintenance Agreement #28215 with an effective date of May 12, 2023. The Permittee shall not make any change in the construction or operation of this traffic signal without prior written approval of the Secretary of Transportation.

This permit cancels and supersedes all previous permits issued for this location upon completion of the installation specified herein.

DATE ISSUED April 24, 1998

DATE REVISED September 24, 2023

APPROVED

Michael B. Carroll

Secretary of Transportation

BY

Christopher C. Flad, P.E.

2023.09.24 11:59:04 -04'00'

District Traffic Engineer

										EMERGENCY FLASH
PHASE	④ 2+5			2+6			4+8			
SIGNAL	1	2	3	4	5	6	7	8	9	
1,2	R	R	R	G	Y	R	R	R	R	R
3	G _G	Y ^①	R ^②	G	Y	R	R	R	R	R
4	G	Y ^②	R ^③	G	Y	R	R	R	R	R
5,6	R	R	R	R	R	R	G	Y	R	R
7,8	R	R	R	R	R	R	G	Y	R	R
9	R _G	R _Y	R	R	R	R	G	Y	R	R
10	R	R	R	G	Y	R	R	R	R	R
11	G	Y ^③	R ^④	G	Y	R	R	R	R	R
12,13	R	R	R	R	R	R	G	Y	R	R
FIXED		4.1	2.6		4.1	2.6		4.0	2.3	
MINIMUM	3			10			3			
ADDED INIT	—			2.5			—			
MAX. INITIAL	—			26			—			
PASSAGE	3			6			3			
TBR	—			26			—			
TTR	—			13			—			
MIN GAP	—			3.5			—			
MAXIMUM	15			60			20			
PEDESTRIAN	⑤			18			21			
MEMORY	NON-LOCK			MIN-RECALL			NON-LOCK			

1. G/<-Y- IF FOLLOWED BY PHASE 2+6
2. G IF FOLLOWED BY PHASE 2+6
3. TIMING WILL BE AS SHOWN IN PHASE 2+6. TIME MAY START IN THIS PHASE AND BE COMPLETED IN PHASE 2+6
4. PHASE 2 ON OMITS PHASE 5

REFER TO SYSTEM PERMIT I-0086
FOR COORDINATION TIMINGS.

INSTALLATION, OPERATION AND MAINTENANCE OF THIS TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED
UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE
DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED BY THE PERMITTEE, UNLESS OTHERWISE INDICATED. EXCEPT THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS, WHICH WILL BE MAINTAINED BY THE DEPARTMENT.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY SHALL NOT BE LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY. THE BOTTOM OF POST MOUNTED SIGNAL HEADS SHALL NOT BE LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL HEADS, MEASURED AT RIGHT ANGLES TO THE APPROACH, SHALL BE 8 FEET.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR EMBANKMENT REMOVAL, CURBING AND/OR SIDEWALK, DRAINAGE STRUCTURES, CHANGES IN HIGHWAY GEOMETRY, PAVEMENT WIDENING, OR INSTALLATION OF ADDITIONAL LANES.

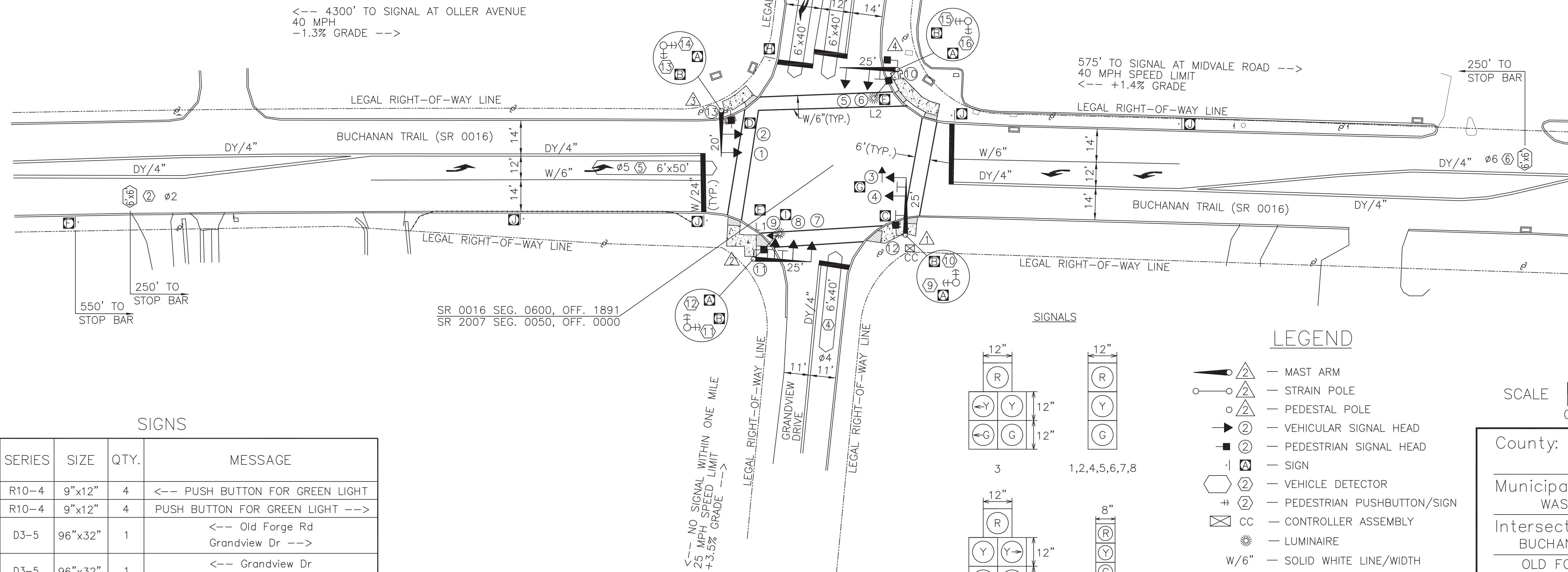
CONDUIT INSTALLED IN ASPHALT ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION
DRAWING UNLESS THE PERMITEE COMPLIES WITH THE PROVISIONS
OF ACT 50, UNDERGROUND UTILITY LINE PROTECTION ACT, DATED
APRIL 28, 2018. PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY
COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED
DUE TO THE LOCATION OF UTILITIES.




















PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING HANDBOOK.

PERMITTEE IS RESPONSIBLE FOR OBTAINING APPROVAL
FOR INSTALLATION OF TRAFFIC SIGNAL DEVICES LOCATED
OUTSIDE HIGHWAY RIGHT-OF-WAY.

TRAFFIC SIGNALS INSTALLED USING LIQUID FUELS TAX FUNDS
MUST CONFORM TO DEPARTMENT SPECIFICATIONS AS SET FORTH
IN CURRENT PUBLICATION 408, SUPPLEMENTS AND STANDARD
DRAWINGS.



PLAN SYM.	SERIES	SIZE	QTY.	MESSAGE
A	R10-4	9"x12"	4	<-- PUSH BUTTON FOR GREEN LIGHT
B	R10-4	9"x12"	4	PUSH BUTTON FOR GREEN LIGHT -->
C	D3-5	96"x32"	1	<-- Old Forge Rd Grandview Dr -->
D	D3-5	96"x32"	1	<-- Grandview Dr Old Forge Rd -->
E	D3-4	96"x16"	2	Buchanan Trail
F	W3-3	36"x36"	1	SIGNAL AHEAD
G	R10-12	30"x36"	1	LEFT TURN YIELD ON GREEN ●
H	R3-7R	30"x30"	2	RIGHT LANE MUST TURN RIGHT
I	R10-10R	30"x36"	1	RIGHT TURN SIGNAL
J	R3-7L	30"x30"	4	LEFT LANE MUST TURN LEFT

- | | | |
|---|---|------------------------------|
|  |  | — MAST ARM |
|  |  | — STRAIN POLE |
|  |  | — PEDESTAL POLE |
|  |  | — VEHICULAR SIGNAL HEAD |
|  |  | — PEDESTRIAN SIGNAL HEAD |
|  |  | — SIGN |
|  |  | — VEHICLE DETECTOR |
|  |  | — PEDESTRIAN PUSHBUTTON/SIGN |
|  |  | — CONTROLLER ASSEMBLY |
|  | | — LUMINAIRE |
| W/6" | | — SOLID WHITE LINE/WIDTH |
| DY/4" | | — DOUBLE YELLOW LINE/WIDTH |


SCALE

0 25 50 75

County: FRANKLIN

Municipality:
WASHINGTON TOWNSHIP

Intersection:
BUCHANAN TRAIL (SR 0016) &
OLD FORGE ROAD (SR 2007)/
GRANDVIEW DRIVE

Approved:  8/30/23

Recommended: *Chris C. Flad* Christopher C. Flad, P.E. 09-24-2023
2023.09.24 11:57:02 -04'00'

ALL OVERHEAD SIGNALS SHALL HAVE BACKPLATES AND TUNNEL VISORS
SIGNALS 10, 11, 12 AND 13 SHALL HAVE TUNNEL VISORS
SIGNALS 10 AND 11 SHALL HAVE LOUVERS



**TRAFFIC CONTROL
SIGNAL PERMIT**

In accordance with the §6122(a)(2) Vehicle Code (Title 75), the Secretary of Transportation hereby approves the installation of a traffic control signal at the intersection of Buchanan Trail (SR 0016) & Midvale Road (SR 2007)/Food Lion Drive in the Township of Washington, County of Franklin.

This permit is issued to, and accepted by the Township of Washington hereinafter known as the Permittee, as follows:

This installation shall be in accordance with the Vehicle Code and the Regulations for traffic signs, signals and markings of the Department of Transportation, and shall conform to information shown on the attached sheets.

All work performed by the Permittee in the erection of the traffic signal shall be under and subject to the direction of the Secretary of Transportation or their authorized representatives. The said Permittee shall use due diligence in the execution of the work authorized under this permit and shall not obstruct or endanger travel along the said road. All operations must be conducted so as to permit safe and reasonable free travel at all times over the road within the limits of the work herein permitted.

The Permittee shall indemnify, save harmless and defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives and employees, from all suits, actions, or claims of any character, name, or description, damages, judgments, expenses, attorneys' fees and compensation arising out of personal injury, death or property damage, sustained or alleged to have been sustained in whole or in part by any and all persons whatsoever as a result of or arising out of any act, omission, neglect, or misconduct of the Permittee, its officers, agents, contractors, or employees, during the construction, or from faulty maintenance and operation of such traffic signal.

The Secretary of Transportation, by law, reserves the right to revoke and annul this permit if the Permittee shall at any time willfully or negligently fail to comply with the conditions contained in this permit, or, upon changes in traffic conditions, fail to make any changes in the construction or operation of this signal, or to remove it, when so ordered by the Secretary of Transportation; or if this installation is not in operation within 24 months of the receipt of this permit. The Permittee shall operate and maintain the signal in accordance with Commonwealth and Municipal Traffic Signal Maintenance Agreement #28215 with an effective date of May 12, 2023. The Permittee shall not make any change in the construction or operation of this traffic signal without prior written approval of the Secretary of Transportation.

This permit cancels and supersedes all previous permits issued for this location upon completion of the installation specified herein.

DATE ISSUED December 3, 1999
DATE REVISED September 24, 2023

APPROVED

Michael B. Carroll

Secretary of Transportation

BY

Christopher C. Flad, P.E.

2023.09.24 11:06:52 -04'00'

District Traffic Engineer

GENERAL NOTES

INSTALLATION, OPERATION AND MAINTENANCE OF THIS TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED BY THE PERMITEE, UNLESS OTHERWISE INDICATED. EXCEPT THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS, WHICH WILL BE MAINTAINED BY THE DEPARTMENT.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY SHALL NOT BE LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY. THE BOTTOM OF POST MOUNTED SIGNAL HEADS SHALL NOT BE LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL HEADS, MEASURED AT RIGHT ANGLES TO THE APPROACH, SHALL BE 8 FEET.

PERMITEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR EMBANKMENT REMOVAL, CURBING AND/OR SIDEWALK, DRAINAGE STRUCTURES, CHANGES IN HIGHWAY GEOMETRY, PAVEMENT WIDENING, OR INSTALLATION OF ADDITIONAL LANES.

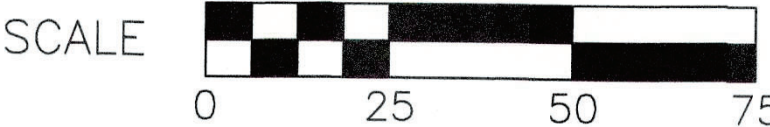
CONDUIT INSTALLED IN ASPHALT ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITEE COMPLIES WITH THE PROVISIONS OF ACT 50, UNDERGROUND UTILITY LINE PROTECTION ACT, DATED APRIL 28, 2018. PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING HANDBOOK.

PERMITEE IS RESPONSIBLE FOR OBTAINING APPROVAL FOR INSTALLATION OF TRAFFIC SIGNAL DEVICES LOCATED OUTSIDE HIGHWAY RIGHT-OF-WAY.

TRAFFIC SIGNALS INSTALLED USING LIQUID FUELS TAX FUNDS MUST CONFORM TO DEPARTMENT SPECIFICATIONS AS SET FORTH IN CURRENT PUBLICATION 408, SUPPLEMENTS AND STANDARD DRAWINGS.



County: FRANKLIN
Municipality: WASHINGTON TOWNSHIP
Intersection: BUCHANAN TRAIL (SR 0016) AND MIDVALE ROAD (SR 2007) AND FOOD LION DRIVE

Approved: *Jeffrey B. Swanson* 7/7/2023
Municipal Official Date

Recommended: *Ch. C. Flad* 09-24-2023
Dist. Traffic Eng. Date

MOVEMENT, PHASING, AND SEQUENCE CHART

PHASE	1+5	2+5	1+6	2+6	3+8	4+8	EMERGENCY FLASH
SIGNAL	1 2 3	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
1	R R R	G G Y R	R R R R	G G Y R	R R R R	R R R R	
2	R R R	G G Y R	R R R R	G G Y R	R R R R	R R R R	
3,11	R R R	R R R R	G G Y R	G G Y R	R R R R	R R R R	
4	R R R	R R R R	G G Y R	G G Y R	R R R R	R R R R	
5	R R R	R R R R	R R R R	R R R R	G G Y R	G G Y R	
6	R R R	R R R R	R R R R	R R R R	G G Y R	G G Y R	
7,8	R R R	R R R R	R R R R	R R R R	R R R R	G G Y R	
9,10	DW DW DW	DW DW DW	DW DW DW	DW DW DW	W FD DW DW	W FD DW DW	
FIXED	4.3 3.8	4.3 3.8	4.3 3.8	4.3 3.8	3.5 2.9	3.5 2.9	
MINIMUM	3	3	3	10	3	3	
ADDED INIT	-	-	-	2.1	-	-	
MAX INITIAL	-	-	-	25	-	-	
PASSAGE	3	3	3	6	3	3	
TBR	-	-	-	25	-	-	
TTR	-	-	-	13	-	-	
MIN GAP	-	-	-	3.5	-	-	
MAXIMUM	10	10	10	65	25	25	
PEDESTRIAN	-	-	-	-	0	7 18	
MEMORY	NON-LOCK	NON-LOCK	NON-LOCK	MIN RECALL	NON-LOCK	NON-LOCK	

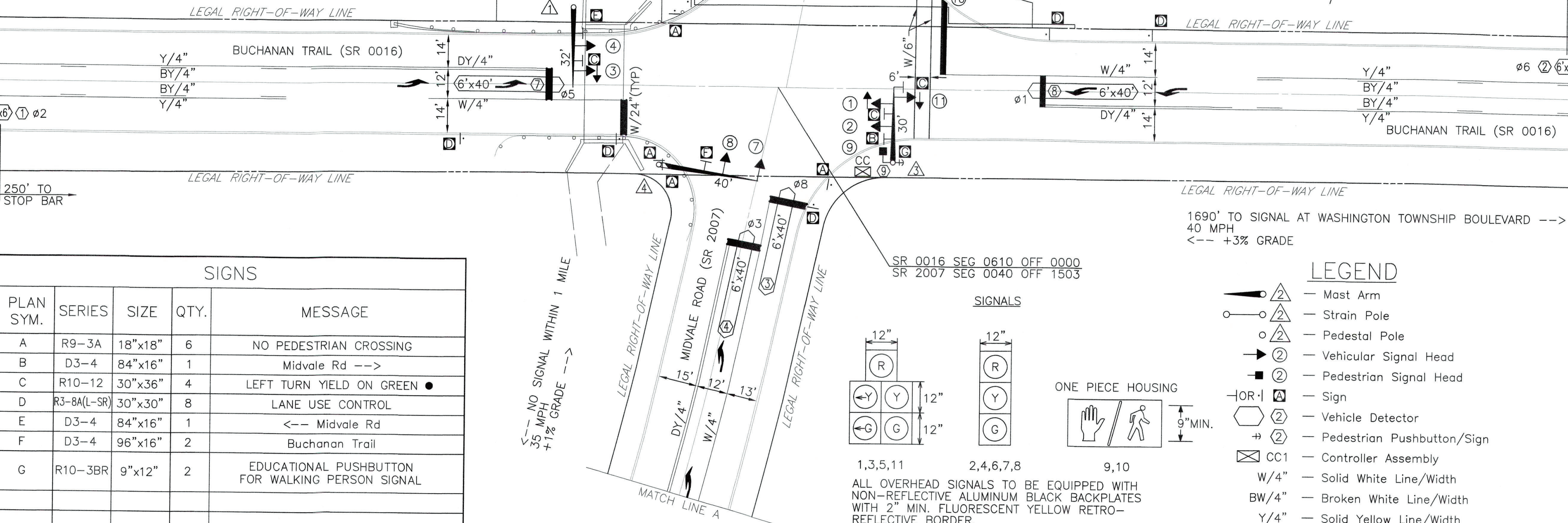
* UPON PEDESTRIAN ACTUATION ONLY OTHERWISE DON'T WALK AT ALL TIMES

1. R/-G- IF FOLLOWED BY 2+5
2. R/-G- IF FOLLOWED BY 1+6
3. G/-Y- IF FOLLOWED BY 2+6
4. G IF FOLLOWED BY 2+6
5. G IF FOLLOWED BY 2+5
6. G IF FOLLOWED BY 1+6
7. G/-Y- IF FOLLOWED BY 4+8
8. G IF FOLLOWED BY 4+8
9. G IF FOLLOWED BY 3+8
10. TIMING WILL BE AS SHOWN IN PHASE 4+8. IT MAY TIME OUT IN THIS PHASE OR BE COMPLETED IN PHASE 4+8.

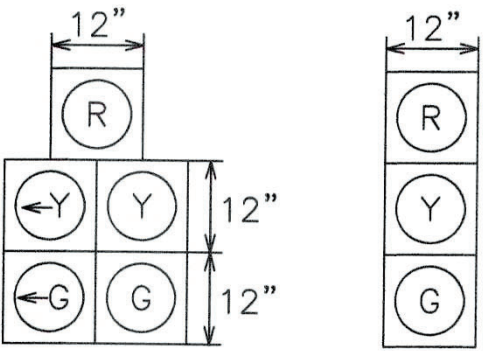
- DETECTOR NOTES
1. DETECTOR 1 CALLS AND EXTENDS PHASE 2, PRESENCE.
 2. DETECTOR 2 CALLS AND EXTENDS PHASE 6, PRESENCE.
 3. DETECTOR 3 CALLS AND EXTENDS PHASE 8, PRESENCE.
 4. DETECTOR 4 CALLS AND EXTENDS PHASE 3, PRESENCE.
 5. DETECTORS 5 AND 6 CALL AND EXTEND PHASE 4, PRESENCE.
 6. DETECTOR 7 CALLS AND EXTENDS PHASE 5, PRESENCE.
 7. DETECTOR 8 CALLS AND EXTENDS PHASE 1, PRESENCE.

REFER TO SYSTEM PERMIT I-0086 FOR COORDINATION TIMINGS.

<-- 575' TO SIGNAL AT OLD FORGE ROAD
40 MPH
-3% GRADE -->



PLAN SYM.	SERIES	SIZE	QTY.	MESSAGE
A	R9-3A	18"x18"	6	NO PEDESTRIAN CROSSING
B	D3-4	84"x16"	1	Midvale Rd -->
C	R10-12	30"x36"	4	LEFT TURN YIELD ON GREEN
D	R3-8A(L-SR)	30"x30"	8	LANE USE CONTROL
E	D3-4	84"x16"	1	<-- Midvale Rd
F	D3-4	96"x16"	2	Buchanan Trail
G	R10-3BR	9"x12"	2	EDUCATIONAL PUSHBUTTON FOR WALKING PERSON SIGNAL



1,3,5,11 2,4,6,7,8 9,10
ALL OVERHEAD SIGNALS TO BE EQUIPPED WITH NON-REFLECTIVE ALUMINUM BLACK BACKPLATES WITH 2" MIN. FLUORESCENT YELLOW RETRO-REFLECTIVE BORDER.

ALL OVERHEAD SIGNALS SHALL HAVE TUNNEL VISORS.

LEGEND

- Mast Arm
- Strain Pole
- Pedestal Pole
- Vehicular Signal Head
- Pedestrian Signal Head
- Sign
- Vehicle Detector
- Pedestrian Pushbutton/Sign
- Controller Assembly
- Solid White Line/Width
- Broken White Line/Width
- Solid Yellow Line/Width
- Broken Yellow Line/Width
- Double Yellow Line/Width



TRAFFIC CONTROL SIGNAL PERMIT

Permit No. 3096Sheet 1 of 3

In accordance with the §6122(a)(2) Vehicle Code (Title 75), the Secretary of Transportation hereby approves the installation of a traffic control signal at the intersection of Buchanan Trail (SR 0016) & Washington Township Boulevard/SR 2010 Spur in the Township of Washington, County of Franklin.

This permit is issued to, and accepted by the Township of Washington hereinafter known as the Permittee, as follows:

This installation shall be in accordance with the Vehicle Code and the Regulations for traffic signs, signals and markings of the Department of Transportation, and shall conform to information shown on the attached sheets.

All work performed by the Permittee in the erection of the traffic signal shall be under and subject to the direction of the Secretary of Transportation or their authorized representatives. The said Permittee shall use due diligence in the execution of the work authorized under this permit and shall not obstruct or endanger travel along the said road. All operations must be conducted so as to permit safe and reasonable free travel at all times over the road within the limits of the work herein permitted.

The Permittee shall indemnify, save harmless and defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives and employees, from all suits, actions, or claims of any character, name, or description, damages, judgments, expenses, attorneys' fees and compensation arising out of personal injury, death or property damage, sustained or alleged to have been sustained in whole or in part by any and all persons whatsoever as a result of or arising out of any act, omission, neglect, or misconduct of the Permittee, its officers, agents, contractors, or employees, during the construction, or from faulty maintenance and operation of such traffic signal.

The Secretary of Transportation, by law, reserves the right to revoke and annul this permit if the Permittee shall at any time willfully or negligently fail to comply with the conditions contained in this permit, or, upon changes in traffic conditions, fail to make any changes in the construction or operation of this signal, or to remove it, when so ordered by the Secretary of Transportation; or if this installation is not in operation within 24 months of the receipt of this permit. The Permittee shall operate and maintain the signal in accordance with Commonwealth and Municipal Traffic Signal Maintenance Agreement #28215 with an effective date of May 12, 2023. The Permittee shall not make any change in the construction or operation of this traffic signal without prior written approval of the Secretary of Transportation.

This permit cancels and supersedes all previous permits issued for this location upon completion of the installation specified herein.

DATE ISSUED May 28, 2002
DATE REVISED September 24, 2023

APPROVED

Michael B. Carroll

Secretary of Transportation

BY

Christopher C. Flad, P.E.
2023.09.24 11:45:35 -04'00'

District Traffic Engineer

GENERAL NOTES

INSTALLATION, OPERATION AND MAINTENANCE OF THIS TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED BY THE PERMITTEE, UNLESS OTHERWISE INDICATED. EXCEPT THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS, WHICH WILL BE MAINTAINED BY THE DEPARTMENT.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY SHALL NOT BE LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY. THE BOTTOM OF POST MOUNTED SIGNAL HEADS SHALL NOT BE LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL HEADS, MEASURED AT RIGHT ANGLES TO THE APPROACH, SHALL BE 8 FEET.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR EMBANKMENT REMOVAL, CURBING AND/OR SIDEWALK, DRAINAGE STRUCTURES, CHANGES IN HIGHWAY GEOMETRY, PAVEMENT WIDENING, OR INSTALLATION OF ADDITIONAL LANES.

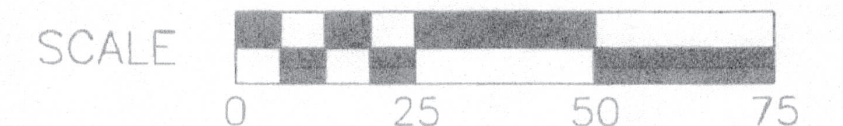
CONDUIT INSTALLED IN ASPHALT ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 50, UNDERGROUND UTILITY LINE PROTECTION ACT, DATED APRIL 28, 2018. PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING HANDBOOK.

PERMITTEE IS RESPONSIBLE FOR OBTAINING APPROVAL FOR INSTALLATION OF TRAFFIC SIGNAL DEVICES LOCATED OUTSIDE HIGHWAY RIGHT-OF-WAY.

TRAFFIC SIGNALS INSTALLED USING LIQUID FUELS TAX FUNDS MUST CONFORM TO DEPARTMENT SPECIFICATIONS AS SET FORTH IN CURRENT PUBLICATION 408, SUPPLEMENTS AND STANDARD DRAWINGS.



County: FRANKLIN
Municipality: WASHINGTON TOWNSHIP
Intersection: BUCHANAN TRAIL (SR 0016) AND WASHINGTON TOWNSHIP BLVD / SR 2010 SPUR

Approved: *Jeffrey B. Seaman* 7/3/2023
Municipal Official Date

Recommended: *Christopher C. Flad, P.E.*
Dist. Traffic Eng. Date 09-24-2023

MOVEMENT, SEQUENCE AND TIMING

PHASE	2+5	2+6	3+7	3+8	4+7	4+8	EMERGENCY FLASH
INTERVAL	1 2 3 4	1 2 3 4	1 2 3	1 2 3 4	1 2 3 4	1 2 3 4	
1	R R R R	R R R R	R R R	G G Y R	R R R R	G G Y R	R
2	R R R R	R R R R	R R R	G G Y R	R R R R	G G Y R	R
3	G G Y R	G G Y R	R R R	R R R R	R R R R	R R R R	R
4	G G Y R	G G Y R	R R R	R R R R	R R R R	R R R R	R
5	R R R R	R R R R	R R R	R R R R	G G Y R	G G Y R	R
6	R R R R	R R R R	R R R	R R R R	G G Y R	G G Y R	R
7	R R R R	R R R R	R R R	R R R R	G G Y R	G G Y R	R
8,9	R R R R	G G Y R	R R R	R R R R	R R R R	R R R R	R
10	R R R R	G G Y R	R R R	R R R R	R R R R	R R R R	R
11,14	H H H H	M F H H	H H H	H H H H	H H H H	H H H H	OFF
12,13	M F H H	M F H H	H H H	H H H H	H H H H	H H H H	OFF
15,16	H H H H	H H H H	H H H	M F H H	H H H H	M F H H	OFF
17,18	H H H H	H H H H	H H H	H H H H	M F H H	M F H H	OFF
FIXED	4.1 3	4.1 3	3.7 3	3.7 3	3.7 3	3.7 3	
MINIMUM SEC/ACT	3	10	3	3	3	3	
MAX INT	3	25	3	3	3	3	
PASSAGE	3	6	3	3	3	3	
TBR		25					
TTR		13					
MIN GAP		3					
MAX I	20	38	8	8	15	8	
MAX II							
PED.	16 18				15 17		
MEMORY	NON LOCK	MIN RECALL	NON LOCK	NON LOCK	NON LOCK	NON LOCK	

UPON PEDESTRIAN ACTUATION, OTHERWISE "HAND" AT ALL TIMES

IF FOLLOWED BY 2+6

IF FOLLOWED BY 2+6

IF FOLLOWED BY 3+8

IF FOLLOWED BY 4+7

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REFER TO SYSTEM PERMIT I-0086 FOR COORDINATION TIMINGS

PHASE 6 ON OMTS PHASE 5

CONTROLLER TO BE INTERCONNECTED WITH ADJACENT SIGNAL CONTROLLERS ALONG BUCHANAN TRAIL TO PROVIDE PROGRESSIVE MOVEMENT OF TRAFFIC.

MASTER CONTROLLER LOCATED AT BUCHANAN TRAIL/OLD FORGE ROAD INTERSECTION.

MAX I TO OPERATE 7 PM TO 7 AM

Nearest Signal 1690' at Midvale Road

250' FROM STOP BAR

250' FROM STOP BAR

250' FROM STOP BAR

250' FROM STOP BAR

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250' FROM STOP BAR

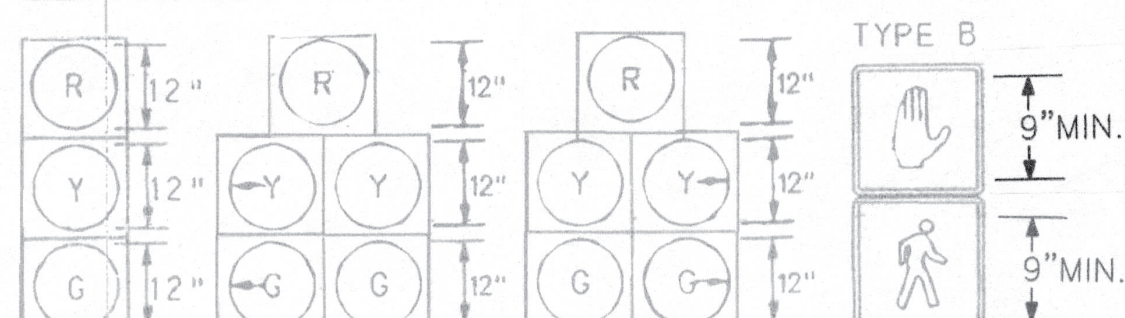
250' FROM STOP BAR

250' FROM STOP BAR

250' FROM STOP BAR

250' FROM STOP BAR

SIGNALS

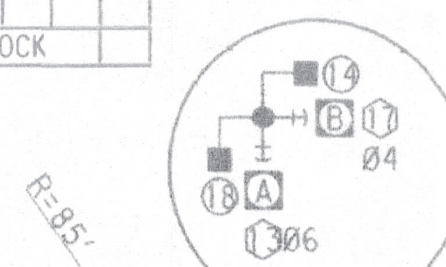


SIGNALS 2,4,6,8,9
SIGNALS 1,3,5
SIGNALS 7,10
SIGNALS 11,12,13,14,15,16,17,18

SIGNALS TO BE EQUIPPED WITH BACKPLATES 1,2,3,4,5,6,7,8,9,10
SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS 7,10

SIGNS

PLAN SYMBOL	DESCRIPTION	QUANTITY	SIZE W x H	SERIES DESIGNATION
A	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL PERSON	4	9"x12"	R10-3BR
B	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL PERSON	4	9"x12"	R10-3BL
C	LEFT TURN YIELD ON GREEN	3	30"x36"	R10-12
D	RIGHT TURN SIGNAL	2	30"x36"	R10-10R
E	Buchanan Trail	2	96"x16"	D3-4
F	Washington Twp Blvd	2	96"x16"	D3-4
G	LANE USE CONTROL SIGN	4	30"x30"	R3-8A(L-SR)
H	LANE USE CONTROL SIGN	2	30"x30"	R3-8A(LS-R)
I	LANE USE CONTROL SIGN	2	48"x30"	R3-8B(L-SR)
J	LEFT LANE MUST TURN LEFT	1	30"x30"	R3-7L



DETAIL 1 N.T.S.

50' M. A.

REQUIRED RIGHT-OF-WAY

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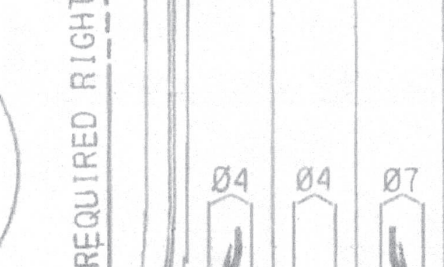
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DETAIL 2 N.T.S.

50' M. A.

REQUIRED RIGHT-OF-WAY

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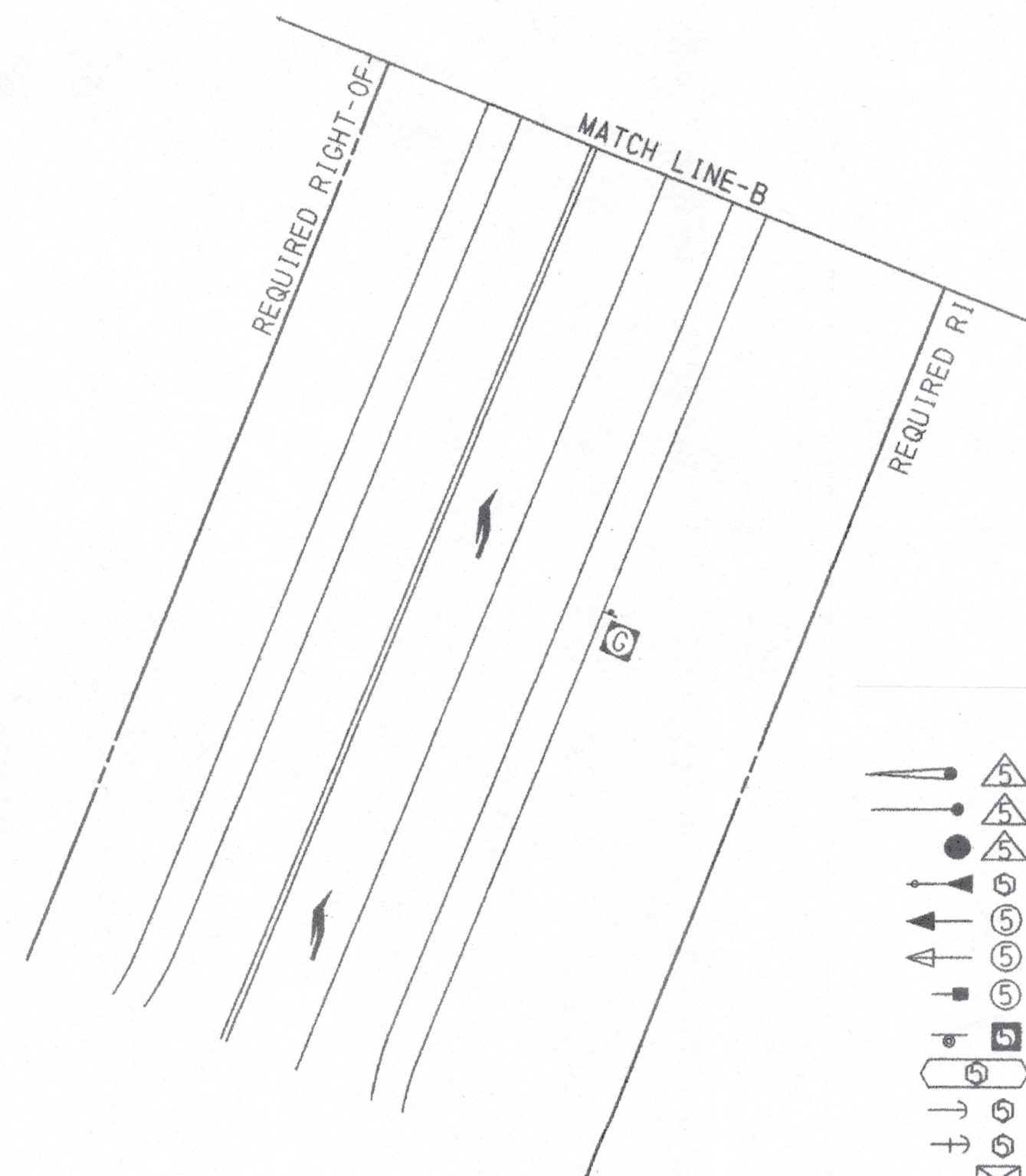
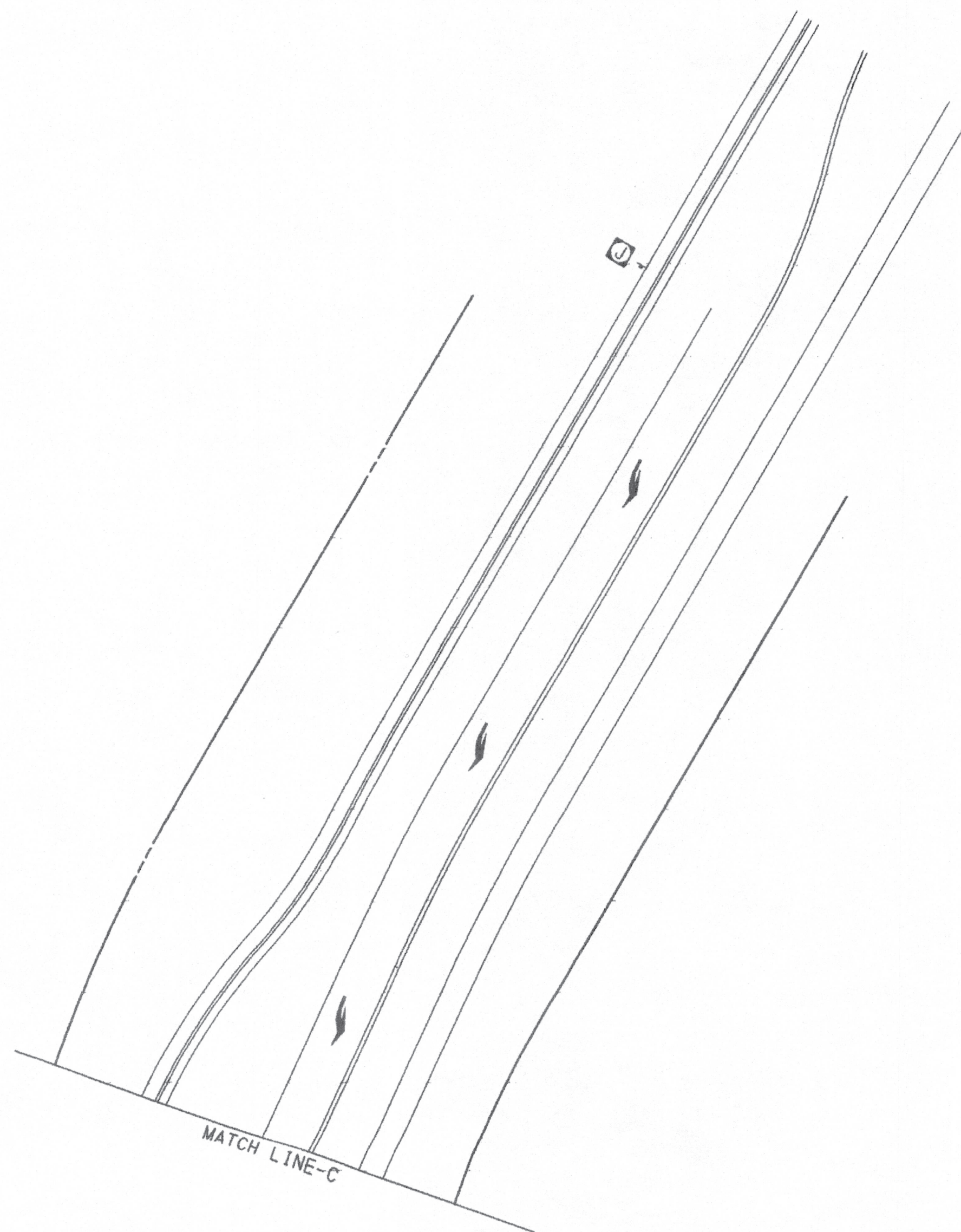
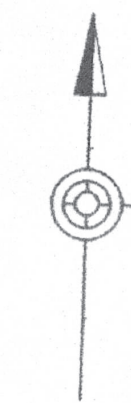
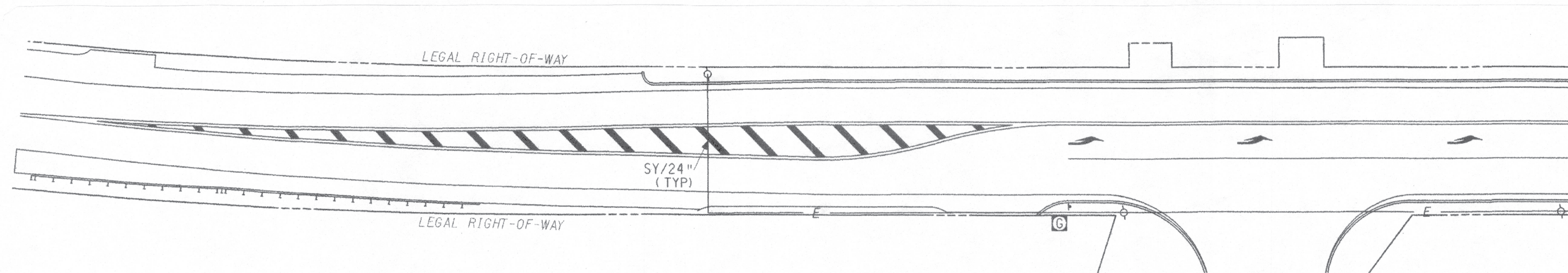
REQUIRED RIGHT-OF-WAY

REQUIRED RIGHT-OF-WAY

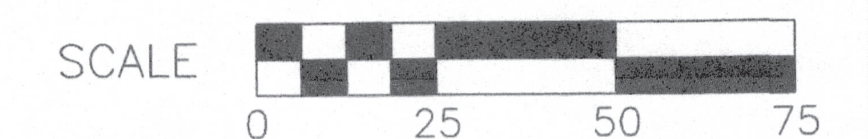
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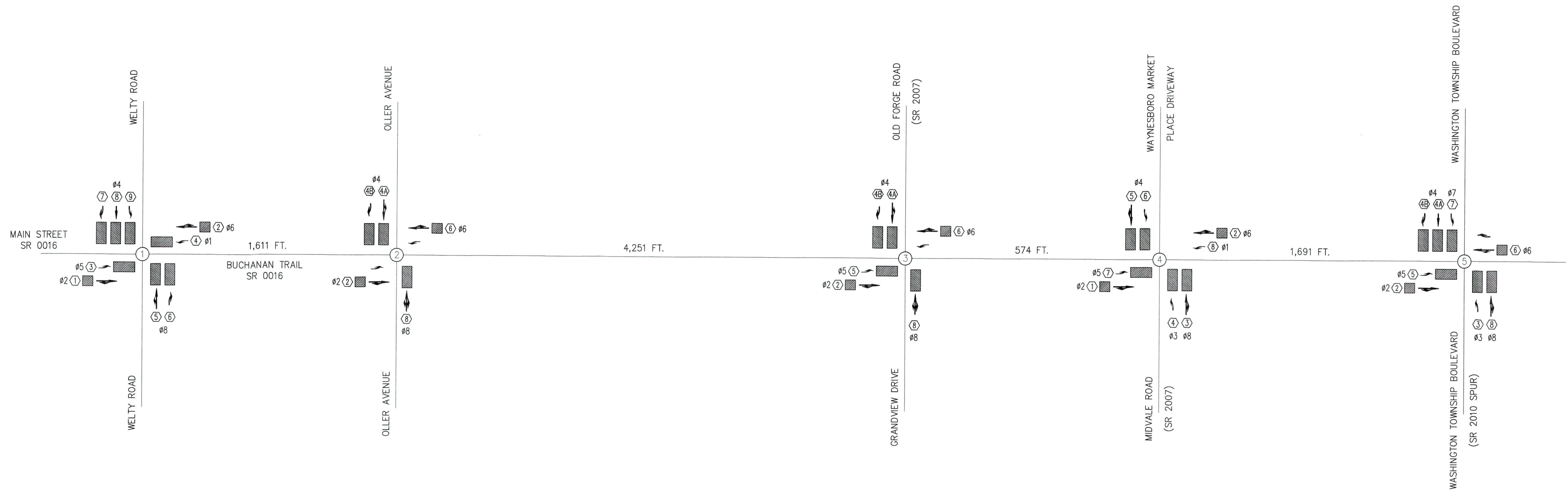
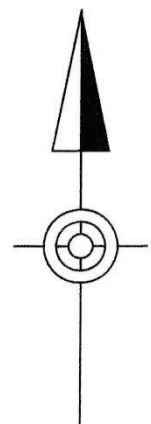
REQUIRED RIGHT-OF-WAY



- LEGEND
- Mast Arm
 - Strain Pole
 - Pedestal
 - Pre-Emption Detector
 - Vehicular Signal Head
 - Pre-Emption Confirmation Signal
 - Pedestrian Signal Head
 - Sign
 - Vehicle Detector
 - Pedestrian Push Button
 - Pedestrian Push Button/Sign
 - Controller Assembly
 - W/4" — Solid White Line/Width
 - BW/4" — Broken White Line/Width
 - Y/4" — Solid Yellow Line/Width
 - BY/4" — Broken Yellow Line/Width
 - DY/4" — Double Solid Yellow Line/Width
 - Luminaire



County:		FRANKLIN
Municipality:		WASHINGTON TOWNSHIP
Intersection:		BUCHANAN TRAIL (SR 0016) AND WASHINGTON TOWNSHIP BLVD/ SR 2010 SPUR
Approved:		
 Municipal Official		7/7/2023 Date
Recommended:		
 Dist. Traffic Eng.		09-24-2023 Date



LEGEND

- ① - SYSTEM INTERSECTION NUMBER
- ① - INTERSECTION RADAR DETECTOR NUMBER
- Ø6 - INTERSECTION PHASE NUMBER
- - DIRECTION OF TRAVEL
- - DETECTION ZONE

SYSTEM PERMIT PLAN

County: FRANKLIN

Municipality: WASHINGTON TOWNSHIP

Corridor: SR 0016 (MAIN STREET/
BUCHANAN TRAIL)

Approved: *Jeffrey B. Keenan* 7/7/2023
Municipal Official Date

Recommended: *Ch. C. Flad* 10-03-2023
District Traffic Engineer Date

PROGRAM 1 – AM		PERMIT NUMBER	PHASE (SECONDS)								CYCLE LENGTH	OFFSET
INTERSECTION			1	2	3	4	5	6	7	8		
1	MAIN STREET (SR 0016)/WELTY ROAD	003095	15	45	–	20	15	45	–	20	80	31
2	BUCHANAN TRAIL (SR 0016)/OLLER AVENUE	1046	–	57	–	23	–	57	–	23	80	72
3	BUCHANAN TRAIL (SR 0016)/OLD FORGE ROAD (SR 2007)/GRANDVIEW DRIVE	3094	–	63	–	17	16	47	–	17	80	0
4	BUCHANAN TRAIL (SR 0016)/MIDVALE ROAD (SR 2007)/WAYNESBORO MARKET PL. BLVD	003093	15	35	15	15	15	35	–	30	80	59
5	BUCHANAN TRAIL (SR 0016)/WASHINGTON TOWNSHIP BOULEVARD	3096	–	45	14	21	15	30	14	21	80	20

PROGRAM 2 -- MIDDAY		PERMIT NUMBER	PHASE (SECONDS)								CYCLE LENGTH	OFFSET
INTERSECTION			1	2	3	4	5	6	7	8		
1	MAIN STREET (SR 0016)/WELTY ROAD	003095	15	63	—	22	15	63	—	22	100	84
2	BUCHANAN TRAIL (SR 0016)/OLLER AVENUE	1046	—	81	—	19	—	81	—	19	100	98
3	BUCHANAN TRAIL (SR 0016)/OLD FORGE ROAD (SR 2007)/GRANDVIEW DRIVE	3094	—	83	—	17	16	67	—	17	100	0
4	BUCHANAN TRAIL (SR 0016)/MIDVALE ROAD (SR 2007)/WAYNESBORO MARKET PL. BLVD	003093	15	53	15	17	15	53	—	32	100	77
5	BUCHANAN TRAIL (SR 0016)/WASHINGTON TOWNSHIP BOULEVARD	3096	—	64	14	22	15	49	22	14	100	34

PROGRAM 3 – PM		PERMIT NUMBER	PHASE (SECONDS)								CYCLE LENGTH	OFFSET
INTERSECTION			1	2	3	4	5	6	7	8		
1	MAIN STREET (SR 0016)/WELTY ROAD	003095	15	65	–	20	15	65	–	20	100	81
2	BUCHANAN TRAIL (SR 0016)/OLLER AVENUE	1046	–	80	–	20	–	80	–	20	100	96
3	BUCHANAN TRAIL (SR 0016)/OLD FORGE ROAD (SR 2007)/GRANDVIEW DRIVE	3094	–	82	–	18	14	68	–	18	100	0
4	BUCHANAN TRAIL (SR 0016)/MIDVALE ROAD (SR 2007)/WAYNESBORO MARKET PL. BLVD	003093	17	50	16	17	15	52	–	33	100	75
5	BUCHANAN TRAIL (SR 0016)/WASHINGTON TOWNSHIP BOULEVARD	3096	–	64	14	22	15	49	18	18	100	34

PROGRAM 4 – SATURDAY		PERMIT NUMBER	PHASE (SECONDS)								CYCLE LENGTH	OFFSET
INTERSECTION			1	2	3	4	5	6	7	8		
1	MAIN STREET (SR 0016)/WELTY ROAD	003095	15	64	–	21	15	64	–	21	100	90
2	BUCHANAN TRAIL (SR 0016)/OLLER AVENUE	1046	–	81	–	19	–	81	–	19	100	98
3	BUCHANAN TRAIL (SR 0016)/OLD FORGE ROAD (SR 2007)/GRANDVIEW DRIVE	3094	–	81	–	19	14	67	–	19	100	0
4	BUCHANAN TRAIL (SR 0016)/MIDVALE ROAD (SR 2007)/WAYNESBORO MARKET PL. BLVD	003093	17	51	15	17	15	53	–	32	100	78
5	BUCHANAN TRAIL (SR 0016)/WASHINGTON TOWNSHIP BOULEVARD	3096	–	61	14	25	15	46	25	14	100	36

PERMIT NO. <u>I-0086</u>	SHEET <u>2</u> OF <u>2</u>
DATE ISSUED <u>10-03-2023</u>	DATE REVISED _____

SYSTEM NOTES

1. PROGRAMS TO BE SELECTED BY CLOSED LOOP SYSTEM MASTER OR TIME BASED COORDINATION BACKUP.
2. MASTER CONTROLLER LOCATION: BUCHANAN TRAIL (SR 0016) AND OLD FORGE ROAD (SR 2007)/GRANDVIEW DRIVE
3. OFFSETS REFERENCED TO BEGINNING OF YELLOW INTERVAL FOR PHASE 2+6.
4. COMMUNICATIONS TO BE BY GPS TIME SYNC UNITS.
5. ALL SPLIT TIMES INCLUDE YELLOW AND ALL RED TIMES.
6. REFER TO SIGNAL PERMIT PLAN FOR MAX TIMES, CLEARANCE TIMES, AND PEDESTRIAN TIMES.

TIME-OF-DAY BACK-UP PROGRAM CHART

EVENT	DAY*	TIME	PROGRAM
1	1–5	0:00	FREE
2	1–5	7:00	AM
3	1–5	11:00	MIDDAY
4	1–5	14:00	PM
5	1–5	19:00	FREE
6	6–7	0:00	FREE
7	6–7	10:00	SATURDAY
8	6–7	18:00	FREE

* DAY 1 IS MONDAY

SYSTEM PERMIT PLAN

County: FRANKLIN

Municipality: WASHINGTON TOWNSHIP

Corridor: SR 0016 (BUCHANAN TRAIL)

Approved: *Jeffrey B. Berman* 7/7/2023
Municipal Official Date

Recommended: *Chris C. Fiedel* 10-03-2023
District Traffic Engineer Date

PREVAILING WAGE DOCUMENTATION

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project Name:	Buchanan Trail East Traffic Signal Upgrade
Awarding Agency:	Washington Township Supervisorsa
Contract Award Date:	10/16/2023
Serial Number:	23-06623
Project Classification:	Heavy/Highway
Determination Date:	7/28/2023
Assigned Field Office:	Harrisburg
Field Office Phone Number:	(717)787-4763
Toll Free Phone Number:	(800)932-0665
Project County:	Franklin County

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	7/27/2022		\$35.80	\$30.01	\$65.81
Asbestos & Insulation Workers	6/26/2023		\$38.70	\$29.11	\$67.81
Asbestos & Insulation Workers	7/1/2024		\$35.80	\$34.06	\$69.86
Boilermakers	1/1/2023		\$51.27	\$35.30	\$86.57
Bricklayer (Pointer, Cleaner, Caulker, Cement Mason, Plasterer, Tile Setter)	5/1/2022		\$36.37	\$18.18	\$54.55
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	4/30/2023		\$38.27	\$18.18	\$56.45
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	4/28/2024		\$40.12	\$18.18	\$58.30
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/4/2025		\$41.97	\$18.18	\$60.15
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2023		\$33.01	\$18.41	\$51.42
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2024		\$33.97	\$18.95	\$52.92
Cement Finishers & Plasterers	4/30/2023		\$28.23	\$22.27	\$50.50
Cement Finishers & Plasterers	4/28/2024		\$30.23	\$22.27	\$52.50
Cement Finishers & Plasterers	5/4/2025		\$32.23	\$22.27	\$54.50
Cement Finishers & Plasterers	5/3/2026		\$34.23	\$22.27	\$56.50
Cement Masons	5/1/2023		\$32.90	\$22.70	\$55.60
Drywall Finisher	5/1/2023		\$30.10	\$22.14	\$52.24
Electricians	6/1/2023		\$37.00	\$26.67	\$63.67
Electricians	6/1/2024		\$37.00	\$30.51	\$67.51
Electricians	6/1/2025		\$37.00	\$32.50	\$69.50
Elevator Constructor	1/1/2023		\$53.93	\$38.34	\$92.27
Glazier	5/1/2023		\$31.23	\$20.66	\$51.89
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2023		\$36.26	\$31.38	\$67.64
Laborers (Class 01 - See notes)	1/1/2023		\$25.31	\$17.29	\$42.60
Laborers (Class 01 - See notes)	1/1/2024		\$26.31	\$17.79	\$44.10
Laborers (Class 02 - See notes)	1/1/2023		\$28.06	\$17.29	\$45.35
Laborers (Class 02 - See notes)	1/1/2024		\$29.56	\$17.79	\$47.35
Laborers (Class 03 - See notes)	1/1/2023		\$27.66	\$17.29	\$44.95
Laborers (Class 03 - See notes)	1/1/2024		\$28.66	\$17.79	\$46.45
Laborers (Class 04 - See notes)	1/1/2023		\$24.31	\$17.29	\$41.60
Laborers (Class 04 - See notes)	1/1/2024		\$25.31	\$17.79	\$43.10
Landscape Laborer (Skilled)	1/1/2020		\$21.64	\$16.98	\$38.62
Landscape Laborer (Skilled)	1/1/2023		\$23.79	\$18.28	\$42.07
Landscape Laborer (Skilled)	1/1/2024		\$24.79	\$18.53	\$43.32
Landscape Laborer (Skilled)	1/1/2025		\$25.79	\$18.78	\$44.57
Landscape Laborer (Skilled)	1/1/2026		\$26.79	\$19.03	\$45.82
Landscape Laborer (Tractor Operator)	1/1/2020		\$21.94	\$16.98	\$38.92
Landscape Laborer (Tractor Operator)	1/1/2023		\$24.09	\$18.28	\$42.37
Landscape Laborer (Tractor Operator)	1/1/2024		\$25.09	\$18.53	\$43.62
Landscape Laborer (Tractor Operator)	1/1/2025		\$26.09	\$18.78	\$44.87
Landscape Laborer (Tractor Operator)	1/1/2026		\$27.09	\$19.03	\$46.12

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Landscape Laborer	1/1/2020		\$21.22	\$16.98	\$38.20
Landscape Laborer	1/1/2023		\$23.37	\$18.28	\$41.65
Landscape Laborer	1/1/2024		\$24.37	\$18.53	\$42.90
Landscape Laborer	1/1/2025		\$25.37	\$18.78	\$44.15
Landscape Laborer	1/1/2026		\$26.37	\$19.03	\$45.40
Marble Mason	5/1/2023		\$34.80	\$17.74	\$52.54
Marble Mason	5/1/2024		\$36.75	\$17.74	\$54.49
Marble Mason	5/1/2025		\$38.70	\$17.74	\$56.44
Millwright	5/1/2020		\$36.04	\$19.31	\$55.35
Operators (Class 01 - see notes)	7/1/2023		\$35.87	\$20.92	\$56.79
Operators (Class 01 - see notes)	7/1/2024		\$36.87	\$21.42	\$58.29
Operators (Class 02 -see notes)	7/1/2023		\$31.25	\$20.92	\$52.17
Operators (Class 02 -see notes)	7/1/2024		\$32.87	\$21.42	\$54.29
Operators (Class 03 - See notes)	7/1/2023		\$28.70	\$20.92	\$49.62
Operators (Class 03 - See notes)	7/1/2024		\$29.70	\$21.42	\$51.12
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2022		\$26.60	\$20.62	\$47.22
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2023		\$28.30	\$20.92	\$49.22
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2024		\$29.30	\$21.42	\$50.72
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2022		\$25.60	\$20.62	\$46.22
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2023		\$27.30	\$20.92	\$48.22
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2024		\$28.30	\$21.42	\$49.72
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2022		\$25.15	\$20.62	\$45.77
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2023		\$26.85	\$20.92	\$47.77
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2024		\$27.85	\$21.42	\$49.27
Painters Class 1 (see notes)	5/1/2023		\$27.02	\$17.54	\$44.56
Painters Class 2 (see notes)	5/1/2020		\$27.43	\$15.99	\$43.42
Painters Class 3 (see notes)	5/1/2020		\$33.18	\$15.99	\$49.17
Pile Driver Divers (Building, Heavy, Highway)	1/1/2023		\$58.70	\$21.22	\$79.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2024		\$60.95	\$21.97	\$82.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2025		\$62.82	\$22.72	\$85.54
Pile Driver Divers (Building, Heavy, Highway)	1/1/2026		\$64.70	\$23.47	\$88.17
Piledrivers	1/1/2023		\$39.13	\$21.22	\$60.35
Piledrivers	1/1/2024		\$40.63	\$21.97	\$62.60
Piledrivers	1/1/2025		\$41.88	\$22.72	\$64.60
Piledrivers	1/1/2026		\$43.13	\$23.47	\$66.60
Plasterers	5/1/2023		\$31.33	\$20.83	\$52.16
Plumber/Pipefitter	5/1/2023		\$41.36	\$29.72	\$71.08
Roofers (Composition)	5/1/2023		\$42.63	\$34.62	\$77.25

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Roofers (Shingle)	5/1/2020		\$29.50	\$21.25	\$50.75
Roofers (Slate & Tile)	5/1/2020		\$32.50	\$21.25	\$53.75
Sheet Metal Workers	6/1/2022		\$40.22	\$41.01	\$81.23
Sheet Metal Workers	6/1/2023		\$41.41	\$42.32	\$83.73
Sign Makers and Hangars	7/15/2022		\$30.54	\$24.35	\$54.89
Sign Makers and Hangars	7/15/2023		\$31.76	\$24.63	\$56.39
Sprinklerfitters	4/1/2023		\$44.33	\$28.04	\$72.37
Terrazzo Finisher	5/1/2023		\$35.79	\$19.25	\$55.04
Terrazzo Finisher	5/1/2024		\$37.16	\$19.26	\$56.42
Terrazzo Grinder	5/1/2023		\$36.54	\$19.25	\$55.79
Terrazzo Grinder	5/1/2024		\$37.92	\$19.26	\$57.18
Terrazzo Mechanics	5/1/2023		\$36.51	\$21.00	\$57.51
Terrazzo Mechanics	5/1/2024		\$37.94	\$21.01	\$58.95
Tile & Marble Finisher	5/1/2023		\$32.91	\$15.49	\$48.40
Tile & Marble Finisher	5/1/2024		\$34.86	\$15.49	\$50.35
Tile & Marble Finisher	5/1/2025		\$36.81	\$15.49	\$52.30
Tile Setter	5/1/2023		\$34.80	\$17.74	\$52.54
Tile Setter	5/1/2024		\$36.75	\$17.74	\$54.49
Tile Setter	5/1/2025		\$38.70	\$17.74	\$56.44
Truckdriver class 1(see notes)	1/1/2023		\$33.04	\$22.13	\$55.17
Truckdriver class 1(see notes)	1/1/2024		\$34.79	\$22.63	\$57.42
Truckdriver class 1(see notes)	1/1/2025		\$36.29	\$23.13	\$59.42
Truckdriver class 1(see notes)	1/1/2026		\$37.79	\$23.63	\$61.42
Truckdriver class 2 (see notes)	1/1/2023		\$33.50	\$22.43	\$55.93
Truckdriver class 2 (see notes)	1/1/2024		\$35.25	\$22.93	\$58.18
Truckdriver class 2 (see notes)	1/1/2025		\$36.75	\$23.43	\$60.18
Truckdriver class 2 (see notes)	1/1/2026		\$38.25	\$23.93	\$62.18
Truckdriver class 3 (see notes)	1/1/2016		\$28.10	\$16.88	\$44.98
Window Film / Tint Installer	6/1/2019		\$24.52	\$12.08	\$36.60

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter	1/1/2023		\$38.35	\$20.59	\$58.94
Carpenter	1/1/2024		\$39.85	\$21.34	\$61.19
Carpenter	1/1/2025		\$41.10	\$22.09	\$63.19
Carpenter	1/1/2026		\$42.35	\$22.84	\$65.19
Carpenter Welder	1/1/2023		\$39.85	\$20.59	\$60.44
Carpenter Welder	1/1/2024		\$41.35	\$21.34	\$62.69
Carpenter Welder	1/1/2025		\$42.60	\$22.09	\$64.69
Carpenter Welder	1/1/2026		\$43.85	\$22.84	\$66.69
Cement Finishers	1/1/2023		\$34.14	\$25.05	\$59.19
Cement Finishers	1/1/2024		\$35.14	\$26.30	\$61.44
Cement Finishers	1/1/2025		\$35.94	\$27.50	\$63.44
Cement Masons	1/1/2020		\$32.84	\$21.10	\$53.94
Electric Lineman	5/29/2023		\$51.40	\$29.62	\$81.02
Electric Lineman	6/3/2024		\$52.80	\$30.61	\$83.41
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2021		\$34.01	\$31.13	\$65.14
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2023		\$36.26	\$31.38	\$67.64
Laborers (Class 01 - See notes)	1/1/2023		\$29.85	\$25.50	\$55.35
Laborers (Class 01 - See notes)	1/1/2024		\$32.10	\$25.50	\$57.60
Laborers (Class 01 - See notes)	1/1/2025		\$33.60	\$26.00	\$59.60
Laborers (Class 01 - See notes)	1/1/2026		\$34.60	\$27.00	\$61.60
Laborers (Class 02 - See notes)	1/1/2023		\$30.01	\$25.50	\$55.51
Laborers (Class 02 - See notes)	1/1/2024		\$32.26	\$25.50	\$57.76
Laborers (Class 02 - See notes)	1/1/2025		\$33.76	\$26.00	\$59.76
Laborers (Class 02 - See notes)	1/1/2026		\$34.76	\$27.00	\$61.76
Laborers (Class 03 - See notes)	1/1/2023		\$30.50	\$25.50	\$56.00
Laborers (Class 03 - See notes)	1/1/2024		\$32.75	\$25.50	\$58.25
Laborers (Class 03 - See notes)	1/1/2025		\$34.25	\$26.00	\$60.25
Laborers (Class 03 - See notes)	1/1/2026		\$35.25	\$27.00	\$62.25
Laborers (Class 04 - See notes)	1/1/2023		\$30.95	\$25.50	\$56.45
Laborers (Class 04 - See notes)	1/1/2024		\$33.20	\$25.50	\$58.70
Laborers (Class 04 - See notes)	1/1/2025		\$34.70	\$26.00	\$60.70
Laborers (Class 04 - See notes)	1/1/2026		\$35.70	\$27.00	\$62.70
Laborers (Class 05 - See notes)	1/1/2023		\$31.36	\$25.50	\$56.86
Laborers (Class 05 - See notes)	1/1/2024		\$33.61	\$25.50	\$59.11
Laborers (Class 05 - See notes)	1/1/2025		\$35.11	\$26.00	\$61.11
Laborers (Class 05 - See notes)	1/1/2026		\$36.11	\$27.00	\$63.11
Laborers (Class 06 - See notes)	1/1/2023		\$28.20	\$25.50	\$53.70
Laborers (Class 06 - See notes)	1/1/2024		\$30.45	\$25.50	\$55.95
Laborers (Class 06 - See notes)	1/1/2025		\$31.95	\$26.00	\$57.95
Laborers (Class 06 - See notes)	1/1/2026		\$32.95	\$27.00	\$59.95
Laborers (Class 07 - See notes)	1/1/2023		\$30.85	\$25.50	\$56.35
Laborers (Class 07 - See notes)	1/1/2024		\$33.10	\$25.50	\$58.60
Laborers (Class 07 - See notes)	1/1/2025		\$34.60	\$26.00	\$60.60

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 07 - See notes)	1/1/2026		\$35.60	\$27.00	\$62.60
Laborers (Class 08 - See notes)	1/1/2023		\$32.35	\$25.50	\$57.85
Laborers (Class 08 - See notes)	1/1/2024		\$34.60	\$25.50	\$60.10
Laborers (Class 08 - See notes)	1/1/2025		\$36.10	\$26.00	\$62.10
Laborers (Class 08 - See notes)	1/1/2026		\$37.10	\$27.00	\$64.10
Operators (Class 01 - see notes)	1/1/2023		\$36.50	\$23.58	\$60.08
Operators (Class 01 - see notes)	1/1/2024		\$38.30	\$24.03	\$62.33
Operators (Class 01 - see notes)	1/1/2025		\$40.10	\$24.23	\$64.33
Operators (Class 02 -see notes)	1/1/2023		\$36.22	\$23.58	\$59.80
Operators (Class 02 -see notes)	1/1/2024		\$38.02	\$24.03	\$62.05
Operators (Class 02 -see notes)	1/1/2025		\$39.82	\$24.23	\$64.05
Operators (Class 03 - See notes)	1/1/2023		\$32.58	\$23.58	\$56.16
Operators (Class 03 - See notes)	1/1/2024		\$34.38	\$24.03	\$58.41
Operators (Class 03 - See notes)	1/1/2025		\$36.18	\$24.23	\$60.41
Operators (Class 04 - See notes)	1/1/2023		\$32.09	\$23.58	\$55.67
Operators (Class 04 - See notes)	1/1/2024		\$33.89	\$24.03	\$57.92
Operators (Class 04 - See notes)	1/1/2025		\$35.69	\$24.23	\$59.92
Operators (Class 05 - See notes)	1/1/2023		\$31.88	\$23.58	\$55.46
Operators (Class 05 - See notes)	1/1/2024		\$33.68	\$24.03	\$57.71
Operators (Class 05 - See notes)	1/1/2025		\$35.48	\$24.23	\$59.71
Operators Class 1-A	1/1/2023		\$39.50	\$23.58	\$63.08
Operators Class 1-A	1/1/2024		\$41.30	\$24.03	\$65.33
Operators Class 1-A	1/1/2025		\$43.10	\$24.23	\$67.33
Operators Class 1-B	1/1/2023		\$38.50	\$23.58	\$62.08
Operators Class 1-B	1/1/2024		\$40.30	\$24.03	\$64.33
Operators Class 1-B	1/1/2025		\$42.10	\$24.23	\$66.33
Painters Class 1 (see notes)	5/1/2018		\$23.92	\$14.37	\$38.29
Painters Class 2 (see notes)	5/1/2023		\$29.15	\$17.54	\$46.69
Painters Class 3 (see notes)	5/1/2023		\$34.90	\$17.54	\$52.44
Pile Driver Divers (Building, Heavy, Highway)	1/1/2023		\$58.70	\$21.22	\$79.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2024		\$60.95	\$21.97	\$82.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2025		\$62.82	\$22.72	\$85.54
Pile Driver Divers (Building, Heavy, Highway)	1/1/2026		\$64.70	\$23.47	\$88.17
Piledrivers	1/1/2023		\$39.13	\$21.22	\$60.35
Piledrivers	1/1/2024		\$40.63	\$21.97	\$62.60
Piledrivers	1/1/2025		\$41.88	\$22.72	\$64.60
Piledrivers	1/1/2026		\$43.13	\$23.47	\$66.60
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2022		\$48.43	\$40.28	\$88.71
Truckdriver class 1(see notes)	1/1/2023		\$33.64	\$22.52	\$56.16
Truckdriver class 1(see notes)	1/1/2024		\$35.39	\$23.02	\$58.41
Truckdriver class 1(see notes)	1/1/2025		\$36.89	\$23.52	\$60.41
Truckdriver class 1(see notes)	1/1/2026		\$38.39	\$24.02	\$62.41
Truckdriver class 2 (see notes)	1/1/2023		\$33.50	\$22.43	\$55.93
Truckdriver class 2 (see notes)	1/1/2024		\$35.25	\$22.93	\$58.18

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 23-06623 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Truckdriver class 2 (see notes)	1/1/2025		\$36.75	\$23.43	\$60.18
Truckdriver class 2 (see notes)	1/1/2026		\$38.25	\$23.93	\$62.18
Truckdriver class 3 (see notes)	1/1/2019		\$29.45	\$19.73	\$49.18