

Portable Thermoplastic Legend Installation

Statement of Work

Statement of Work: PennDOT Allegheny County is seeking to establish an agreement which includes all materials, equipment, and operators necessary for thermoplastic legend placement services.

The services to be supplied under this agreement must maintain the following minimum specifications:

- Vendor will be expected to provide all appropriate machinery and tools for applying thermoplastic legends and glass beads to roadways.
- Vendor will be responsible for supplying all paint, plastic, glass beads, adhesives, solvents, legends, patterns, and all other materials, tools, and equipment required to complete the marking operation.
- Vendor is responsible for fuel, water, lubricants, all repairs, maintenance, operator(s), and all related safety and operational equipment. The vendor will be held responsible for all maintenance and on-site repairs of equipment.
- **Vendor will be expected to comply with pavement marking standards set forth in [Publication 111](#).**
- **Vendor must preform all work in accordance with [Publication 408 \(Version 2020/Change No. 6\)](#).**
- Vendor will be responsible for supplying traffic control and safety systems. This should include, but is not limited to safety cones, signs, flaggers (if necessary), flagging equipment, and a shadow vehicle for the marking operation. Vendor will be responsible for the setup and tear down of these safety devices and equipment, as well as the operators involved in the operation.
- Vendor must notify the Traffic Management Center (412-429-6030) prior to work beginning on each State Route and must notify the Traffic Management Center when work concludes on each State Route.
- Equipment and operators associated with this agreement will be required to report directly to the job site. Daily operations may require multiple job site locations.

- Vendor will be responsible for maintaining valid insurance, indemnification, and certificates of insurance.
- This agreement includes up to **20 mobilizations** for thermoplastic legend placement services. One mobilization fee covers the transportation of all materials, equipment, tools, traffic control devices, and operators to and from the State Route where work is being conducted. **Vendor may invoice for 1 mobilization per State Route.** Multiple visits to the same State Route shall not entitle the Vendor to invoice for more than one mobilization per State Route.

The quantities shown are strictly an estimate and this estimate is for internal Department use only. There is no assurance that the usage of the equipment or mobilizations will be requested by the Department, nor assurance that the Department's actual usage will approximate this estimate.

Vendor is being contracted to operate within confines of Allegheny County.

Vendor is expected to respond upon **48-hour notice**, or agreement with Department Schedule.

A call-out period is the period when the Vendor must be available to provide services. The contract period is the entire term of the Purchase Order (PO). If a Vendor is called to provide services outside of the call-out period, but during the contract period, the Vendor may choose to not perform services at that time and the Vendor will not be considered in default. If a Vendor fails to provide services during the call-out period, for any reason, the Vendor will be in default and this agreement will be subject to termination.

After award of the purchase order, but before the callout period, a one-time field inspection of the Contractor's equipment, as specified in its quote, will be conducted to determine whether the equipment meets the RFQ's specifications. Upon inspection, the contractor will be required to provide a certificate of insurance showing liability and property damage coverage.

Estimated Quantities

Anticipated Thermoplastic Legend Placement Location Summary

Please note that one "Slow/Arrow/Bands" package includes one left or right arrow, one "SLOW", and two transverse bands.

Legend Description	Est. Qty.
Slow, Arrow, Bands	56
Stop Ahead	5
Yield	2
Slow + +	7
Slow T T	4
Left Arrow	12
Right Arrow	5
Straight Arrow	2
Straight/Right Arrow	2
Straight/Left Arrow	5
Only	10
RR Crossing (X, RR, 2 bands)	5
Stop Bar (LF)	120
Cross Walk (Type C, LF)	600
Mobilization	20

State Route	Est. Qty.
0048	4
0136	2
0936	2
1030	19
1049	15
2042	2
2047	8
3003	3
3005	5
3006	1
3024	1
3026	2
3028	6
3029	2
3036	11
3041	5
3043	2
3048	27
3052	6
4061	1

This list of locations and quantities are an estimate and are subject to change at Department discretion.

This list does not constitute a guarantee.

Solicitations must be submitted electronically through the [PA Supplier Portal](#).

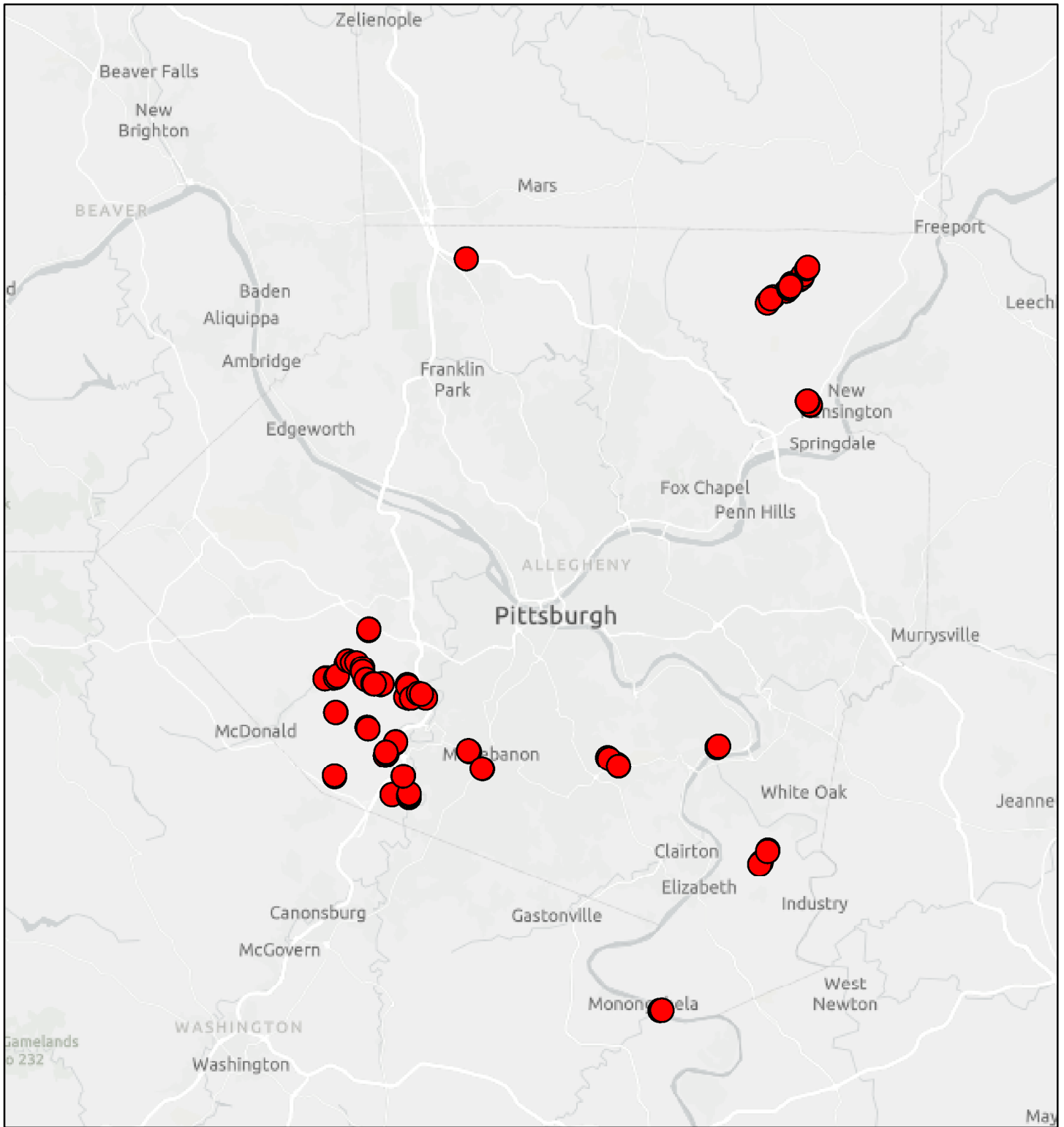
Please direct solicitation questions to:

Tyler Tomasino, Roadway Programs Coordinator
 412-292-6745
 ttomasino@pa.gov

Attachments:

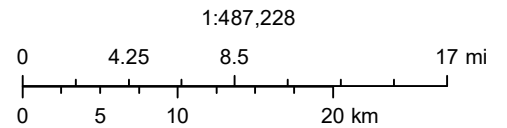
- Map of Anticipated Legend Locations
- List of Anticipated Legend Locations
- "+" and "T" Intersection Warning Treatment Specs

2023 Anticipated Legend Locations



March 31, 2023


Legend
Location



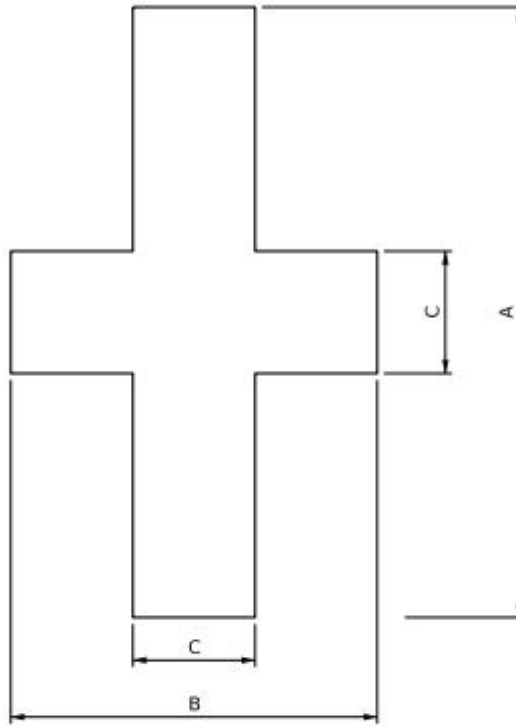
Tyler Tomasino | ttomasino@pa.gov PennDOT

SR	Segment	Offset	Speed Limit	Direction	Description
48	100	2460	40	South	Slow, Left Arrow, 2 Transverse Bands
48	100	1879	40	North	Slow, Right Arrow, 2 Transverse Bands
48	110	1879	40	South	Slow, Left Arrow, 2 Transverse Bands
48	110	1584	40	North	Slow, Right Arrow, 2 Transverse Bands
136	10	1584	40	East	Slow + +
136	20	121	35	West	Slow + +
978	20	110	35	North	RR X, 2 Transverse Bands
978	20	450	35	South	RR X, 2 Transverse Bands
1030	4	2305	40	D	Stop Bar
1030	10	1372	40	D	Slow, Left Arrow, 2 Transverse Bands
1030	10	2830	40	D	Slow, Left Arrow, 2 Transverse Bands
1030	10	971	40	A	Slow, Right Arrow, 2 Transverse Bands
1030	10	2154	40	A	Slow, Right Arrow, 2 Transverse Bands
1030	20	2555	40	A	Slow, Left Arrow, 2 Transverse Bands
1030	20	3379	40	D	Slow, Right Arrow, 2 Transverse Bands
1030	20	3527	40	A	Slow + +
1030	30	401	40	D	Stop Ahead
1030	30	802	40	A	Slow, Right Arrow, 2 Transverse Bands
1030	30	84	40	D	Stop Bar
1030	40	675	40	A	Slow, Left Arrow, 2 Transverse Bands
1030	40	1626	40	A	Slow, Left Arrow, 2 Transverse Bands
1030	40	1541	40	D	Slow, Right Arrow, 2 Transverse Bands
1030	50	1900	40	A	Stop Ahead
1030	50	295	40	D	Slow, Right Arrow, 2 Transverse Bands
1030	50	2302	40	A	Stop Bar
1049	10	1013	25	North	Left Arrow
1049	10	1098	25	North	Left Arrow
1049	10	1056	25	North	Only
1049	10	1230	25	North	Only
1049	10	1140	25	North	Right Arrow
1049	10	190	25	North	Stop Bar
1049	10	1098	25	North	Stop Bar
1049	10	190	25	North	Cross Walk (Type C)
1049	10	1140	25	North	Cross Walk (Type C)
1049	10	1230	25	North	Cross Walk (Type C)
1049	11	168	25	South	Left Arrow
1049	11	232	25	South	Only
1049	11	1240	25	South	Right Arrow
1049	11	168	25	South	Right Arrow
1049	11	63	25	South	Yield
1049	11	359	25	South	Stop Bar

1049	11	63	25	South	Stop Bar
2042	40	654	30	East	Slow, Left Arrow, 2 Transverse Bands
2042	40	1140	30	West	Slow, Right Arrow, 2 Transverse Bands
2047	10	443	30	North	Slow, Left Arrow, 2 Transverse Bands
2047	10	3615	30	South	Slow, Left Arrow, 2 Transverse Bands
2047	10	992	30	South	Slow, Right Arrow, 2 Transverse Bands
2047	10	3030	30	North	Slow, Right Arrow, 2 Transverse Bands
2047	10	180	30	South	Straight/Right Arrow
2047	10	260	30	South	Straight/Right Arrow
2047	10	180	30	South	Straight/Left Arrow
2047	10	260	30	South	Straight/Left Arrow
3003	40	1815	35	South	Left Arrow
3003	40	1701	35	South	Left Arrow
3003	40	1750	35	South	Only
3005	30	2110	35	South	Slow, Left Arrow, 2 Transverse Bands
3005	30	1710	35	North	Slow, Right Arrow, 2 Transverse Bands
3005	30	2069	35	North	RR X, 2 Transverse Bands
3005	30	2513	35	South	RR X, 2 Transverse Bands
3005	30	2661	35	South	RR X, 2 Transverse Bands
3006	10	1985	30	East	Slow, Right Arrow, 2 Transverse Bands
3024	70	480	35	West	Stop Ahead
3026	50	2000	35	East	Slow T T
3026	60	302	35	West	Slow T T
3028	10	3660	40	East	Left Arrow
3028	10	3725	40	East	Left Arrow
3028	10	802	40	West	Stop Ahead
3028	20	110	40	West	Left Arrow
3028	20	215	40	West	Left Arrow
3028	20	174	40	West	Only
3029	30	1330	35	South	Slow + +
3029	30	792	35	North	Slow + +
3036	10	2057	30	West	Slow, Left Arrow, 2 Transverse Bands
3036	10	1634	30	East	Slow, Right Arrow, 2 Transverse Bands
3036	30	2703	30	East	Straight/Left Arrow
3036	30	2640	30	East	Straight/Left Arrow
3036	30	2576	30	East	Straight/Left Arrow
3036	30	2640	30	East	Only
3036	30	2640	30	East	Only
3036	30	2703	30	East	Straight Arrow
3036	30	2576	30	East	Straight Arrow
3036	30	2703	30	East	Right Arrow
3036	30	2576	30	East	Right Arrow
3041	50	1462	40	North	Left Arrow

3041	50	1610	40	North	Left Arrow
3041	50	1758	40	North	Left Arrow
3041	50	1562	40	North	Only
3041	50	1710	40	North	Only
3043	10	1689	25	North	Slow T T
3043	10	130	25	South	Slow T T
3048	60	1243	25	East	Yield
3048	80	908	35	West	Slow, Left Arrow, 2 Transverse Bands
3048	80	591	35	East	Slow, Right Arrow, 2 Transverse Bands
3048	90	258	35	East	Slow, Left Arrow, 2 Transverse Bands
3048	90	908	35	East	Slow, Left Arrow, 2 Transverse Bands
3048	90	735	35	West	Slow, Right Arrow, 2 Transverse Bands
3048	90	1315	35	West	Slow, Right Arrow, 2 Transverse Bands
3048	100	2682	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	100	3273	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	100	3342	30	East	Slow, Right Arrow, 2 Transverse Bands
3048	110	348	30	West	Slow, Left Arrow, 2 Transverse Bands
3048	110	411	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	110	1170	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	120	1921	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	120	165	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	130	802	30	West	Slow, Left Arrow, 2 Transverse Bands
3048	130	1246	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	130	337	30	East	Slow, Right Arrow, 2 Transverse Bands
3048	130	1584	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	140	1288	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	140	1752	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	140	3484	30	East	Slow + +
3048	150	1562	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	150	1985	30	West	Slow, Right Arrow, 2 Transverse Bands
3048	150	232	30	West	Slow + +
3048	170	2265	30	East	Slow, Left Arrow, 2 Transverse Bands
3048	170	2724	30	West	Slow, Right Arrow, 2 Transverse Bands
3052	50	1034	35	East	Slow, Left Arrow, 2 Transverse Bands
3052	50	359	35	West	Slow, Left Arrow, 2 Transverse Bands
3052	50	1695	35	West	Slow, Right Arrow, 2 Transverse Bands
3052	50	3590	35	East	Slow, Right Arrow, 2 Transverse Bands
3052	60	2170	30	West	Slow, Left Arrow, 2 Transverse Bands
3052	60	802	30	East	Slow, Right Arrow, 2 Transverse Bands
4061	10	364	35	South	Stop Ahead

**White Hot Thermoplastic Legend
"+", 12'-0" x 6'0"**

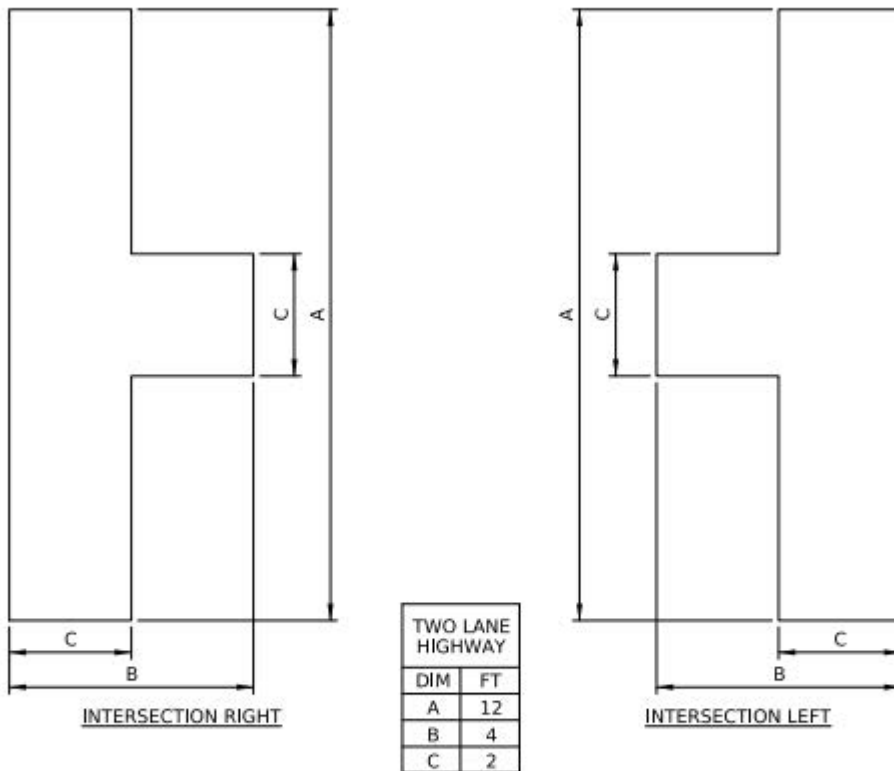


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NOT TO SCALE

LOCATION	A (FT)	B (FT)	C (FT)
TWO LANE HIGHWAY	12.0	6.0	2.0

**White Hot Thermoplastic Legend
"T", 12'-0" x 4'0"**



TWO LANE HIGHWAY	
DIM	FT
A	12
B	4
C	2