



TOWNSHIP OF ABINGTON

PUBLIC WORKS COMMITTEE

*Tom Hecker, Chair
Drew Rothman, Vice-Chair
Dennis Zappone
Tom Bowman
Ken Brodsky*

A G E N D A **April 4, 2018** **7:00 P.M.**

1. CALL TO ORDER

2. CONSIDER APPROVAL OF MINUTES

- a. Motion to approve the minutes of the February 28, 2018 Public Works Committee Meeting.

3. PRESENTATION

4. UNFINISHED BUSINESS

5. NEW BUSINESS

- a. *PUBLIC WORKS COMMITTEE* *COMMISSIONER TOM HECKER, CHAIR*

PW-01-041218

Consider a motion to accept the lowest responsible bids and authorize the Township Manager to enter into contracts with the following companies for the purchase of materials as listed on the bid summary Exhibit 1 dated and attached here to.

6. PUBLIC COMMENT

7. ADJOURNMENT



PUBLIC WORKS COMMITTEE

AGENDA ITEM

April 4, 2018

PW-01-041218

DATE

AGENDA ITEM NUMBER

Public Works

DEPARTMENT

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

Award for 2017/2018 Montgomery County Consortium Sign Bid

EXECUTIVE SUMMARY:

Each year Abington Township coordinates on behalf of the Consortium the bid for Sign Posts, Aluminum Blanks, Reflective Roll Goods Type III, Reflective Sheeting & Sign Faces Finished Signs - Type III Material, Reflective Sheeting & Sign Faces Type III Material, Hot Tape Pavement Markings and Miscellaneous Items.

There were 9 bids sent to various manufacturers and vendors. In response we received 4 complete bids. Bid Recommendations are attached.

This year it is recommended that the bid go to Garden State Highway Products, Chemung Supply Corporation, Ennis Paint Inc. and U.S. Municipal Supply.

PREVIOUS BOARD ACTIONS:

This is a yearly bid done by Abington Township for the Consortium of Communities. Bids were properly advertised and were opened at a special meeting held on February 21, 2018 at the Township Building.

RECOMMENDED BOARD ACTION:

Motion to accept the lowest responsible bids and authorizing the Township Manager to enter into contracts with the following companies for the purchase of materials as shown:

U S Municipal Supply - Sign Posts Material Portion - Items #8, #10 & #11, #14 & #15.

Garden State Highway Products - Item #9, and Items #18 thru #29.

Chemung Supply Corp. - Items #1 thru #7, Items #12 & #13, and Items #16 & #17.

Garden State Highway Products - Aluminum Blanks Material Portion - Complete.

Garden State Highway Products - Reflective Roll Goods Portion - Complete.

Garden State Highway Products - Reflective Sheeting and Sign Faces - Finished Signs - Type III Material Portion - Complete.

Garden State Highway Products - Reflective Sheeting and Sign Faces - Type III Material Portion - Complete.

Ennis Paint Inc. - Hot Tape Pavement Markings - Complete.

Garden State Highway Products - Miscellaneous Items - Complete.

Bid Tabulation

Exhibit 1

U S Municipal Supply - Sign Posts Material

# 8	70 ea	3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Qwik Punch Face Posts	\$ 9.44
# 10	130 ea	10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes	\$ 31.14
# 11	150 ea	10' X 2" x 2" 14 Gauge Galvanized Full Punch Upright Posts (complete) w/holes	\$ 31.14
# 14	85 ea	12' X 2" x 2" 14 Gage Galvanized Full Punch Upright Post - (complete) w/holes	\$ 35.13
# 15	150 ea	9' x 2" x 2' 14 Gauge Galvanized Full Punch Upright Post w/holes	\$ 19.28

Garden State Highway Product - Sign Posts Material

# 9	150 ea	3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Full Punch Penetrator Posts	\$ 11.37
# 18	2350 ea	5/16" x 18 - 1 1/2" Hex bolts Full Threaded	\$ 0.17
# 19	3750 ea	5/16" x 18 - 2 1/2" Hex bolts Full Threaded	\$ 0.19
# 20	3400 ea	5/16" x 18 Steel Zinc Nuts	\$ 0.08
# 21	650 ea	5/16" Steel Zinc Lock Washers	\$ 0.08
# 22	10 ea	FSF-1-7572-DG BriteSide Sq. Post	\$ 19.80
# 23	110 ea	FSF-372 BriteSide inserts (Red)	\$ 22.00
# 24	550 ea	I.D. 5/16" x O.D. 1" Nylon Flat Washer 1/8" Thick	\$ 0.26
# 25	500 ea	5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Breakaway nuts	\$ 0.64
# 26	200 ea	5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Serrated nuts	\$ 0.66
# 27	2100 ea	5/16" Nylock Nut	\$ 0.27
# 28	20 ea	10' Tubular Aluminum Street Posts	\$ 34.06
# 29	20 ea	11' Tubular Aluminum Street Posts	\$ 37.46

Chemung Supply Corporation - Sign Posts Material

# 1	110 ea	9' Steel Sign Post 2#/ft. Franklin Post	\$ 11.75
# 2	305 ea	10' Steel Sign Post 2#/ft. Franklin Post	\$ 12.95
# 3	150 ea	11' Steel Sign Post 2#/ft.	\$ 14.25
# 4	150 ea	12' Steel Sign Post 2#/ft.	\$ 15.50
# 5	330 ea	8' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break-away Systems	\$ 24.50
# 6	330 ea	9' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break away Systems	\$ 26.50
# 7	130 ea	10' "V" Channel Galvanized Post Complete w/anchor	\$ 28.00
# 12	175 ea	10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes face w/points	\$ 33.50
# 13	200 ea	10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete)	\$ 34.50
# 16	30 ea	9' x 2" x 2' 14 Gauge Galvanized Qwik Punch Upright Post w/holes	\$ 21.50
# 17	100 ea	11' x 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Post Complete w/holes	\$ 22.00

Bid Tabulation**Exhibit 1****Garden State Highway Products - Aluminum Blanks Material Portion**

# 1	20 ea	12" x 6" x .063 Rectangle	\$ 1.82
# 2	100 ea	18" x 6" x .063 Rectangle	\$ 2.09
# 3	880 ea	12"x 18" x .080 Rectangle	\$ 3.96
# 4	80 ea	18" x 24" x .080 Rectangle	\$ 7.33
# 5	10 ea	18" x 36" x .100 Rectangle	\$ 10.98
# 6	40 ea	24" x 8" x .080" Rectangle	\$ 3.42
# 7	255 ea	24" x 12" x .080 Rectangle	\$ 4.88
# 8	880 ea	24" x 30" x .080" Rectangle	\$ 12.21
# 9	65 ea	24" x 48" x .080 Rectangle	\$ 19.54
# 10	25 ea	30" x 12" x .080 Rectangle	\$ 6.11
# 11	35 ea	30" x 15" x .080 Rectangle	\$ 7.63
# 12	55 ea	30" x 36" x .080 Rectangle	\$ 18.31
# 13	245 ea	36" x 12" x .080 Rectangle	\$ 7.33
# 14	2 ea	48" x 30" x .100 Rectangle	\$ 24.42
# 15	260 ea	12" x 12" x .080 Square	\$ 2.43
# 16	75 ea	18" x 18" x .080 Square	\$ 5.49
# 17	75 ea	24" x 24" x .080 Square	\$ 9.77
# 18	180 ea	30" x 30" x .080 Square	\$ 15.27
# 19	160 ea	18" x 18" x .080 Square / Diamond	\$ 5.49
# 20	30 ea	24" x 24" x .080 Diamond	\$ 9.77
# 21	300 ea	30" x 30" x .080 Diamond	\$ 15.27
# 22	24 ea	30" x 30" x .080 Pentagon	\$ 13.63
# 23	730 ea	30" x 30" x .080 Octagon	\$ 14.04
# 24	195 ea	36" x 36" x .080 Square/Diamond	\$ 21.98
# 25	285 ea	30" x 30" x .080 Square/Diamond	\$ 15.27
# 26	22 ea	36" x 36" x .080 Square/Diamond	\$ 21.95
# 27	20 ea	36" x 9" Extruded Aluminum Street Name Blades - no holes	\$ 9.06
# 28	95 ea	24" x 9" x .091" Extruded Aluminum Street Name Blades - no holes	\$ 6.04
# 29	115 ea	30" x 9" x .091" Extruded Aluminum Street Name Blades - no holes	\$ 7.56
# 30	5 ea	36" x 9" x .091 Extruded Aluminum Street Name Blades - No Holes	\$ 9.06
# 31	10 ea	42" x 9" x .091" Extruded Aluminum Street Name Blades - w/holes	\$ 10.58
# 32	700 ea	Corner nut & bolt	\$ 0.58

Bid Tabulation

Exhibit 1

# 33	100 ea	812 X Cap with vandal proof hardware	\$ 8.30
# 34	155 ea	812 X Cross with hardware	\$ 7.50
# 35	25 ea	812 X Cross with vandal proof hardware	\$ 8.30
# 36	75 ea	#457 x Sign to Sign Universal Cross Separating Brackets	\$ 4.22
# 37	70 ea	#922x sign name caps brackets w/vandal-proof hardware	\$ 3.50
# 38	105 ea	#922x sign name caps brackets-w/standard hardware	\$ 3.21
# 39	135 ea	#990x street name sign cross-brackets - w/standard hardware	\$ 3.21
# 40	80 ea	97 SQ. x Post to Sign Bracket to fit 2" Square Traffic	\$ 3.72
# 41	105 ea	U Channel Post Brackets for Street Name Signs	\$ 3.16
# 42	75 ea	8" X 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 3.43
# 43	150 ea	8" X 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 4.29
# 44	150 ea	8" X 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 5.14
# 45	30 ea	8" X 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 5.99
# 46	30 ea	8" X 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 6.86
# 47	30 ea	8" X 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 2.57
# 48	50 ea	9" x 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 2.89
# 49	70 ea	9" x 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 3.86
# 50	130 ea	9" x 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 4.82
# 51	85 ea	9" x 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 5.79
# 52	25 ea	9" x 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 6.75
# 53	10 ea	9" x 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	\$ 7.72
# 54	240 ea	812 F Cap W/Hardware - 12" Brackets	\$ 7.50
# 55	250 ea	812 F Cross for Street Name Signs - 12" Brackets	\$ 7.50
# 56	30 ea	9" x 12" x .080 Rectangle	\$ 2.66
# 57	30 ea	9" x 15" x .080 Rectangle	\$ 3.34

Garden State Highway Products - Reflective Roll Goods Material

# 1	1 ea	9" X 50 yds. - Pressure Sensitive/High Intensity Roll Goods - Red, Black-3655-12, Blue and green	\$ 141.15
# 2	5 ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange	\$ 356.25
# 3	14 ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange	\$ 445.31
# 4	2 ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange	\$ 356.25
# 5	8 ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange	\$ 445.31
# 6	1 ea	24" x 50 yds. White Reflective Sheeting Engineering Grade	\$ 240.00
# 7	6 ea	36" X 50 yds. - White High Intensity Prism Sheeting (3M #3930)	\$ 534.40

Bid Tabulation

Exhibit 1

# 8	7 ea	36" X 50 yds. - Black Sheeting - (3M #7725-12)	\$ 415.00
# 9	4 ea	30" x 50 yds. RED EC Film	\$ 403.20
# 10	7 ea	9" x 50 yds. High Intensity White	\$ 133.60
# 11	10 ea	9" x 100 yds. Pre Mask	\$ 37.74
# 12	8 ea	2" x 50 yds. #983-10 DG White Conspicuity Tape	\$ 82.28
# 13	6 ea	2" x 50 yds. #983-71 DG Yellow Conspicuity Tape	\$ 82.28
# 14	10 ea	2" x 50 yds. #983-72 DG Red Conspicuity Tape	\$ 82.28
# 15	6 ea	30" x 50 yds. Electronic Sign Marking Film (black, green, red)	\$ 403.20
# 16	4 ea	36" x 50 yds. RED EC Film (American Traffic Safety Material)	\$ 483.80
# 17	11 ea	30" x 50 yds. RED EC Film (American Traffic Safety Material)	\$ 403.20
# 18	2 ea	6" x 50 Yds. Barricade Tape	\$ 161.04

Garden State Highway Products - Reflective Sheeting and Sign Faces-Finished Signs

# 1	191 ea	Complete Penn Dot Sign - Type III (High Intensity material 36" and less)	\$ 5.42
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Garden State Highway Products - Reflective Sheeting and Sign Faces - Finished Signs

# 1	20 ea	12"x6" Reflective Sign Face	\$ 1.16
# 2	1065 ea	12"x18" Reflective Sign Face	\$ 4.08
# 3	150 ea	12"x36" Reflective Sign Face	\$ 4.77
# 4	205 ea	18"x18" Reflective Sign Face	\$ 3.57
# 5	300 ea	18"x24" Reflective Sign Face	\$ 4.77
# 6	185 ea	24"x24" Reflective Sign Face	\$ 6.36
# 7	1335 ea	24"x30" Reflective Sign Face	\$ 7.95
# 8	114 ea	24"x48" Reflective Sign Face	\$ 12.72
# 9	25 ea	30"x12" Reflective Sign Face	\$ 3.98
# 10	25 ea	30"x15" Reflective Sign Face	\$ 4.97
# 11	1185 ea	30"x30" Reflective Sign Face	\$ 9.92
# 12	100 ea	30"x36" Reflective Sign Face	\$ 11.92
# 13	175 ea	36"x36" Reflective Sign Face Flint Trading Inc.	\$ 14.31
# 14	50	24" x 12" Reflective Yellow Green Sign Face	\$ 5.99
# 15	210 ea	30"x30" Reflective Yellow Green Sign Face	\$ 18.74
# 16	34 ea	S-4 - 3P 24"x8' Reflective Yellow Green Sign Face	\$ 4.21
# 17	15 ea	36" Reflective Sign Face - Yield	\$ 7.74
# 18	200 ea	12"x12" 3 Color Reflective Sign Face	\$ 2.06

Bid Tabulation

Exhibit 1

# 19	50 ea	12"x18" 3 Color Reflective Sign Face	\$ 4.28
# 20	40 ea	24" x 24" 3 Colors Reflective Sign Face	\$ 6.68
# 21	100 ea	18" X 6" All Way Face	\$ 1.56
# 22	80 ea	18"x18" 3 Color Reflective Sign Face	\$ 3.89
# 23	75 ea	18"x24" 3 Colors Reflective Sign Face	\$ 5.19
# 24	555 ea	30"x30" Stop Face (Octagon)	\$ 9.86
# 25	34 ea	30" Pentagon Reflective Sign Face	\$ 9.92
# 26	44 ea	S1-1 - S2-1 (30" x 30") yellow/green	\$ 18.74
# 27	26 ea	Packs of 6" Yellow Adhesive Letters (25 to a pack)	\$ 26.80
# 28	70 ea	9" x 12" Educational Push Button Signs	\$ 1.86
# 29	60 ea	9" x 15" Educational Push Button Signs with count down	\$ 2.21

Flint Trading Inc. - Hot Tape Pavement Markings

# 1	90 LF	6" X 3' White PreMark / 125 mil / 60 lf per pkg.	\$ 1.91
# 2	220 LF	24" X 3' White PreMark / 125 mil / 15 lf per pkg.	\$ 7.64
# 3	10 LF	4" X 3' Yellow PreMark / 125 mil / 90 lf per pkg.	\$ 1.37
# 4	10 LF	4" X 3' Blue PreMark / 125 mil / 90 lf per pkg.	\$ 1.37
# 5	10 ea	Elongated White PreMark Straight Arrow / 125 mil / 2 per pkg.	\$ 104.46
# 6	14 ea	Elongated White PreMark Turn Arrow Left / 125 mil / 2 per pkg.	\$ 120.32
# 7	14 ea	Elongated White PreMark Turn Arrow Right / 125 mil / 2 per pkg.	\$ 120.32
# 8	6 ea	Elongated White PreMark Straight - Left Arrow / 125 mil / 1 per pkg.	\$ 211.12
# 9	1 ea	8' Individual PreMark SCHOOL / 125 mil / 1 per pkg.	\$ 267.41
# 10	10 ea	8' Individual PreMark ONLY / 125 mil / 1 per pkg.	\$ 171.80
# 11	5 ea	8' Individual PreMark SLOW / 125 mil / 1 per pkg.	\$ 170.37
# 12	5 ea	8' Individual PreMark STOP / 125 mil / 1 per pkg.	\$ 170.37
# 13	6 ea	"R x R" Kit FHWA	\$ 328.90
# 14	9 boxes	24" x 36" Yield Line (Shark's teeth)	\$ 147.50
# 15	14 ea	48" x 48" Handicap Kit	\$ 113.88

Bid Tabulation**Exhibit 1****Garden State Highway Products - Miscellaneous Material**

# 1	793 ea	28" Fluorescent Orange Traffic Cones w/Night Stripe	\$ 14.21
# 2	480 ea	28" Day Glow Traffic Cones 10 lb Weighted Base Complete w/ Upper & Lower Collars	\$ 15.56
# 3	497 ea	White Delineation Posts with 18" Anchor SH248 GP3 or Equivalent	\$ 22.64
# 4	573 ea	Plastic "A" Frame Barricade Legs	\$ 15.23
# 5	15 ea	Plastic Barricades / Legs - Standard Size	\$ 15.23
# 6	249 ea	8' Panels for "A" Frame Barricade Legs	\$ 46.83
# 7	87 ea	Type 1 "A" Frame Barricades with Lights	\$ 89.10
# 8	167 ea	36" X 36" Work Area Ahead Roll up sign	\$ 64.25
# 9	67 ea	36" x 36" Road Closed Roll up sign	\$ 64.25
# 10	69 ea	36" x 36" Right Lane Closed Roll up sign	\$ 64.25
# 11	94 ea	36" x 36" Left Lane Closed Roll up sign	\$ 64.25
# 12	65 ea	36" x 36" Road Closed Ahead Roll up sign	\$ 64.25
# 13	55 ea	Work Area Ahead Roll up sign	\$ 64.25
# 14	66 ea	Stand for roll up sign	\$ 97.40
# 15	60 ea	PEXCO - 36" yellow flexi-guide post, w/2 yellow sheeted collars	\$ 11.52
# 16	60 ea	PEXCO - FG 300 heavy duty black base w/2 pins	\$ 7.98
# 17	20 ea	Tube E-6100 epoxy/gray	\$ 7.50
# 18	20 ea	Tube E-6100 epoxy/gray	\$ 7.50

Montgomery County Consortium

Sign Bid

Bid Tab

2018/2019

Item #	Approximate Quantity	Unit	Sign Posts		US Municipal	Garden Supply	Chemung
			Schedule of Prices - Material	Description			
1	110	ea		9' Steel Sign Post 2#/ft. Franklin Post			11.75
2	305	ea		10' Steel Sign Post 2#/ft. Franklin Post			12.95
3	150	ea		11' Steel Sign Post 2#/ft.			14.25
4	150	ea		12' Steel Sign Post 2#/ft.			15.50
5	330	ea		8' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break-away Systems			24.50
6	330	ea		9' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break away Systems			26.50
7	130	ea		10' "V" Channel Galvanized Post Complete w/anchor			28.00
8	70	ea		3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Qwik Punch Face Posts	9.44		
9	150	ea		3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Full Punch Penetrator Posts		11.37	
10	130	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes	31.14		
11	150	ea		10' X 2" x 2" 14 Gauge Galvanized Full Punch Upright Posts (complete) w/holes	31.14		
12	175	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes face w/points			33.50
13	200	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete)			34.50
14	85	ea		12' X 2" x 2" 14 Gage Galvanized Full Punch Upright Post - (complete) w/holes	35.13		
15	150	ea		9' x 2" x 2' 14 Gauge Galvanized Full Punch Upright Post W/holes	19.28		
16	30	ea		9' x 2" x 2' 14 Gauge Galvanized Qwik Punch Upright Post W/holes			21.50
17	100	ea		11' x 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Post Complete w/holes			22.00
18	2350	ea		5/16" x 18 - 1 1/2" Hex bolts Full Threaded		0.17	
19	3750	ea		5/16" x 18 - 2 1/2" Hex bolts Full Threaded		0.19	
20	3400	ea		5/16" x 18 Steel Zinc Nuts		0.08	
21	650	ea		5/16" Steel Zinc Lock Washers		0.08	
22	10	ea		FSF-1-7572-DG BriteSide Sq. Post		19.80	
23	110	ea		FSF-372 BriteSide inserts (Red)		22.00	
24	550	ea		I.D. 5/16" x O.D. 1" Nylon Flat Washer 1/8" Thick		0.26	
25	500	ea		5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Breakaway nuts		0.64	
26	200	ea		5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Serrated nuts		0.66	
27	2100	ea		5/16" Nylock Nut		0.27	
28	20	ea		10' Tubular Aluminum Street Posts		34.06	
29	20	ea		11' Tubular Aluminum Street Posts		37.46	

Aluminum Blanks

Item #	Approximate Quantity	Unit	Schedule of Prices - Material Description	Garden Supply
1	20	ea	12" x 6" x .063 Rectangle	1.82
2	100	ea	18" x 6" x .063 Rectangle	2.09
3	880	ea	12"x 18" x .080 Rectangle	3.96
4	80	ea	18" x 24" x .080 Rectangle	7.33
5	10	ea	18" x 36" x .100 Rectangle	10.98
6	40	ea	24" x 8" x .080" Rectangle	3.42
7	255	ea	24" x 12" x .080 Rectangle	4.88
8	880	ea	24" x 30" x .080" Rectangle	12.21
9	65	ea	24" x 48" x .080 Rectangle	19.54
10	25	ea	30" x 12" x .080 Rectangle	6.11
11	35	ea	30" x 15" x .080 Rectangle	7.63
12	55	ea	30" x 36" x .080 Rectangle	18.31
13	245	ea	36" x 12" x .080 Rectangle	7.33
14	2	ea	48" x 30" x .100 Rectangle	24.42
15	260	ea	12" x 12" x .080 Square	2.43
16	75	ea	18" x 18" x .080 Square	5.49
17	75	ea	24" x 24" x .080 Square	9.77
18	180	ea	30" x 30" x .080 Square	15.27
19	160	ea	18" x 18" x .080 Square / Diamond	5.49
20	30	ea	24" x 24" x .080 Diamond	9.77
21	300	ea	30" x 30" x .080 Diamond	15.27
22	24	ea	30" x 30" x .080 Pentagon	13.63
23	730	ea	30" x 30" x .080 Octagon	14.04
24	195	ea	36" x 36" x .080 Square/Diamond	21.98

Aluminum Blanks

Item #	Approximate Quantity	Unit	Schedule of Prices - Material Description	Garden Supply
25	285	ea	30" x 30" x .080 Square/Diamond	15.27
26	22	ea	36" x 36" x .080 Square/Diamond	21.95
27	20	ea	36" x 9" Extruded Aluminum Street Name Blades - no holes	9.06
28	95	ea	24" x 9" x .091" Extruded Aluminum Street Name Blades - no holes	6.04
29	115	ea	30" x 9" x .091" Extruded Aluminum Street Name Blades - no holes	7.56
30	5	ea	36" x 9" x .091 Extruded Aluminum Street Name Blades - No Holes	9.06
31	10	ea	42" x 9" x .091" Extruded Aluminum Street Name Blades - w/holes	10.58
32	700	ea	Corner nut & bolt	0.58
33	100	ea	812 X Cap with vandal proof hardware	8.30
34	155	ea	812 X Cross with hardware	7.50
35	25	ea	812 X Cross with vandal proof hardware	8.30
36	75	ea	#457 x Sign to Sign Universal Cross Separating Brackets	4.22
37	70	ea	#922x sign name caps brackets w/vandal-proof hardware	3.50
38	105	ea	#922x sign name caps brackets-w/standard hardware	3.21

Aluminum Blanks

Item #	Approximate Quantity	Unit	Schedule of Prices - Material Description	Garden Supply
39	135	ea	#990x street name sign cross-brackets - w/standard hardware	3.21
40	80	ea	97 SQ. x Post to Sign Bracket to fit 2" Square Traffic	3.72
41	105	ea	U Channel Post Brackets for Street Name Signs	3.16
42	75	ea	8" X 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	3.43
43	150	ea	8" X 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	4.29
44	150	ea	8" X 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	5.14
45	30	ea	8" X 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	5.99
46	30	ea	8" X 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	6.86
47	30	ea	8" X 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	2.57
48	50	ea	9" x 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	2.89
49	70	ea	9" x 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	3.86
50	130	ea	9" x 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	4.82
51	85	ea	9" x 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	5.79
52	25	ea	9" x 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	6.75
53	10	ea	9" x 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius	7.72
54	240	ea	812 F Cap W/Hardware - 12" Brackets	7.50
55	250	ea	812 F Cross for Street Name Signs - 12" Brackets	7.50
56	30	ea	9" x 12" x .080 Rectangle	2.66
57	30	ea	9" x 15" x .080 Rectangle	3.34

**Reflective Roll Goods
Schedule Of Prices
Description
Type III**

Item #	Approximate Quantity	Unit	Description	Garden Supply
1	1	ea	9" X 50 yds. - Pressure Sensitive/High Intensity Roll Goods - Red, Black-3655-12, Blue and green	141.15
2	5	ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange	356.25
3	14	ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange	445.31
4	2	ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange	356.25
5	8	ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange	445.31
6	1	ea	24" x 50 yds. White Reflective Sheeting Engineering Grade	240.00
7	6	ea	36" X 50 yds. - White High Intensity Prism Sheeting (3M #3930)	534.40
8	7	ea	36" X 50 yds. - Black Sheeting - (3M #7725-12)	415.00
9	4	ea	30" x 50 yds. RED EC Film	403.20
10	7	ea	9" x 50 yds. High Intensity White	133.60
11	10	ea	9" x 100 yds. Pre Mask	37.74
12	8	ea	2" x 50 yds. #983-10 DG White Conspicuity Tape	82.28
13	6	ea	2" x 50 yds. #983-71 DG Yellow Conspicuity Tape	82.28
14	10	ea	2" x 50 yds. #983-72 DG Red Conspicuity Tape	82.28
15	6	ea	30" x 50 yds. Electronic Sign Marking Film (black, green, red)	403.20
16	4	ea	36" x 50 yds. RED EC Film (American Traffic Safety Material)	483.80
17	11	ea	30" x 50 yds. RED EC Film (American Traffic Safety Material)	403.20
18	2	ea	6" x 50 Yds. Barricade Tape	161.04

Item #	Approximate Quantity	Unit	Reflective Sheeting and Sign Faces Schedule Of Prices Finished Signs - Type III Material Description	Garden Supply
1	191	ea	Complete Penn Dot Sign - Type III (High Intensity material 36" and less)	5.42

Reflective Sheeting and Sign Faces

Item #	Approximate Quantity	Unit	Schedule Of Prices Type III Material Description	Garden Supply
1	20	ea	12"x6" Reflective Sign Face	1.16
2	1065	ea	12"x18" Reflective Sign Face	4.08
3	150	ea	12"x36" Reflective Sign Face	4.77
4	205	ea	18"x18" Reflective Sign Face	3.57
5	300	ea	18"x24" Reflective Sign Face	4.77
6	185	ea	24"x24" Reflective Sign Face	6.36
7	1335	ea	24"x30" Reflective Sign Face	7.95
8	114	ea	24"x48" Reflective Sign Face	12.72
9	25	ea	30"x12" Reflective Sign Face	3.98
10	25	ea	30"x15" Reflective Sign Face	4.97
11	1185	ea	30"x30" Reflective Sign Face	9.92
12	100	ea	30"x36" Reflective Sign Face	11.92
13	175	ea	36"x36" Reflective Sign Face	14.31
14	50		24" x 12" Reflective Yellow Green Sign Face	5.99
15	210	ea	30"x30" Reflective Yellow Green Sign Face	18.74
16	34	ea	S-4 - 3P 24"x8' Reflective Yellow Green Sign Face	4.21

**Reflective Sheeting and Sign Faces
Schedule Of Prices
Type III Material**

Item #	Approximate Quantity	Unit	Description	
17	15	ea	36" Reflective Sign Face - Yield	7.74
18	200	ea	12"x12" 3 Color Reflective Sign Face	2.06
19	50	ea	12"x18" 3 Color Reflective Sign Face	4.28
20	40	ea	24" x 24" 3 Colors Reflective Sign Face	6.68
21	100	ea	18" X 6" All Way Face	1.56
22	80	ea	18"x18" 3 color Reflective Sign Face	3.89
23	75	ea	18"x24" 3 colors Reflective Sign Face	5.19
24	555	ea	30"x30" Stop Face (Octagon)	9.86
25	34	ea	30" Pentagon Reflective Sign Face	9.92
26	44	ea	S1-1 - S2-1 (30" x 30") yellow/green	18.74
27	26	ea	Packs of 6" Yellow Adhesive Letters (25 to a pack)	26.80
28	70	ea	9" x 12" Educational Push Button Signs	1.86
29	60	ea	9" x 15" Educational Push Button Signs with count down	2.21

Item #	Approximate Quantity Per Linear foot	Unit	Hot Tape Pavement Markings Schedule Of Prices		Unit Price Linear Ft/piece	Flint Unit Price per pack	Total
			Description				
1	90	LF	6" X 3' White PreMark / 125 mil / 60 lf per pkg.		1.91		171.90
2	220	LF	24" X 3' White PreMark / 125 mil / 15 lf per pkg.		7.64		1,680.80
3	10	LF	4" X 3' Yellow PreMark / 125 mil / 90 lf per pkg.		1.37		13.70
4	10	LF	4" X 3' Blue PreMark / 125 mil / 90 lf per pkg.		1.37		13.70
5	10	ea	Elongated White PreMark Straight Arrow / 125 mil / 2 per pkg.		104.46	208.92	289.20
6	14	ea	Elongated White PreMark Turn Arrow Left / 125 mil / 2 per pkg.		120.32	240.64	2,406.40
7	14	ea	Elongated White PreMark Turn Arrow Right / 125 mil / 2 per pkg.		120.32	240.64	2,406.40
8	6	ea	Elongated White PreMark Straight - Left Arrow / 125 mil / 1 per pkg.		211.12		1,266.72
9	1	ea	8' Individual PreMark SCHOOL / 125 mil / 1 per pkg.		267.41		267.41
10	10	ea	8' Individual PreMark ONLY / 125 mil / 1 per pkg.		171.80		171.00
11	5	ea	8' Individual PreMark SLOW / 125 mil / 1 per pkg.		170.37		851.85
12	5	ea	8' Individual PreMark STOP / 125 mil / 1 per pkg.		170.37		851.85
13	6	ea	"R x R" Kit FHWA		328.90		1,973.40
14	9	boxes	24" x 36" Yield Line (Shark's teeth)		147.50		1,327.50
15	14	ea	48" x 48" Handicap Kit		113.88		1,594.32

ALL PREFORMED THERMOPLASTIC PAVEMENT MARKINGS MUST
BE APPROVED FOR USE BY PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

Item #	Approximate Quantity	Unit	Miscellaneous Items Description	Garden Supply
1	793	ea	28" Fluorescent Orange Traffic Cones w/Night Stripe	14.21
2	480	ea	28" Day Glow Traffic Cones 10 lb Weighted Base Complete w/ Upper & Lower Collars	15.56
3	497	ea	White Delineation Posts with 18" Anchor SH248 GP3 or Equivalent	22.64
4	573	ea	Plastic "A" Frame Barricade Legs	15.23
5	15	ea	Plastic Barricades / Legs - Standard Size	15.23
6	249	ea	8' Panels for "A" Frame Barricade Legs	46.83
7	87	ea	Type 1 "A" Frame Barricades with Lights	89.10
8	167	ea	36" X 36" Work Area Ahead Roll up sign	64.25
9	67	ea	36" x 36" Road Closed Roll up sign	64.25
10	69	ea	36" x 36" Right Lane Closed Roll up sign	64.25
11	94	ea	36" x 36" Left Lane Closed Roll up sign	64.25
12	65	ea	36" x 36" Road Closed Ahead Roll up sign	64.25
13	55	ea	Work Area Ahead Roll up sign	64.25
14	66	ea	Stand for roll up sign	97.40
15	60	ea	PEXCO - 36" yellow flexi-guide post, w/2 yellow sheeted collars	11.52
16	60	ea	PEXCO - FG 300 heavy duty black base w/2 pins	7.98
17	20	ea	Tube E-6100 epoxy/gray	7.50
18	20	ea	Tube E-6100 epoxy/gray	7.50

Montgomery County Consortium
Sign Bid Recommendations
2018/2019

Item #	Approximate Quantity	Unit	Sign Posts		US Municipal	Garden Supply	Chemung	Flint
			Schedule of Prices - Material	Description				
1	110	ea		9' Steel Sign Post 2#/ft. Franklin Post		13.24	11.75	
2	305	ea		10' Steel Sign Post 2#/ft. Franklin Post		14.71	12.95	
3	150	ea		11' Steel Sign Post 2#/ft.		16.18	14.25	
4	150	ea		12' Steel Sign Post 2#/ft.		17.66	15.50	
5	330	ea		8' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break-away Systems		26.43	24.50	
6	330	ea		9' Galvanized steel sign post 2#/ft. Lap Splice U-Channel Break away Systems		28.32	26.50	
7	130	ea		10' "V" Channel Galvanized Post Complete w/anchor		29.86	28.00	
8	70	ea		3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Qwik Punch Face Posts	9.44	11.37	9.50	
9	150	ea		3" X 2 1/4" X 2 1/4" 12 Gauge Galvanized Full Punch Penetrator Posts	n/b	11.37	30.95	
10	130	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes	31.14	42.69	32.25	
11	150	ea		10' X 2" x 2" 14 Gauge Galvanized Full Punch Upright Posts (complete) w/holes	31.14	33.74	32.50	
12	175	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete) w/holes face w/points	37.23	42.69	33.50	
13	200	ea		10' X 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Posts (complete)	39.34	42.69	34.50	
14	85	ea		12' X 2" x 2" 14 Gage Galvanized Full Punch Upright Post - (complete) w/holes	35.13	36.61	35.50	
15	150	ea		9' x 2" x 2' 14 Gauge Galvanized Full Punch Upright Post W/holes	19.28	30.02	21.00	
16	30	ea		9' x 2" x 2' 14 Gauge Galvanized Qwik Punch Upright Post W/holes	n/b	40.61	21.50	
17	100	ea		11' x 2" x 2" 14 Gauge Galvanized Qwik Punch Upright Post Complete w/holes		45.92	22.00	
18	2350	ea		5/16" x 18 - 1 1/2" Hex bolts Full Threaded		0.17	n/b	
19	3750	ea		5/16" x 18 - 2 1/2" Hex bolts Full Threaded		0.19	n/b	
20	3400	ea		5/16" x 18 Steel Zinc Nuts		0.08	n/b	
21	650	ea		5/16" Steel Zinc Lock Washers		0.08	n/b	
22	10	ea		FSF-1-7572-DG BriteSide Sq. Post		19.80	n/b	
23	110	ea		FSF-372 BriteSide inserts (Red)		22.00	n/b	
24	550	ea		I.D. 5/16" x O.D. 1" Nylon Flat Washer 1/8" Thick		0.26	n/b	
25	500	ea		5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Breakaway nuts		0.64	n/b	
26	200	ea		5/16" X 2 1/2" Vandal Proof Nuts/bolts Aluminum w/Serrated nuts		0.66	n/b	
27	2100	ea		5/16" Nylock Nut		0.27	n/b	
28	20	ea		10' Tubular Aluminum Street Posts		34.06	35.00	
29	20	ea		11' Tubular Aluminum Street Posts		37.46	38.00	

Aluminum Blanks

Schedule of Prices - Material
Description

Item #	Approximate Quantity	Unit	Description	US Municipal	Garden Supply	Chemung	Flint
1	20	ea	12" x 6" x .063 Rectangle	n/b	1.82	n/b	n/b
2	100	ea	18" x 6" x .063 Rectangle		2.09		
3	880	ea	12"x 18" x .080 Rectangle		3.96		
4	80	ea	18" x 24" x .080 Rectangle		7.33		
5	10	ea	18" x 36" x .100 Rectangle		10.98		
6	40	ea	24" x 8" x .080" Rectangle		3.42		
7	255	ea	24" x 12" x .080 Rectangle		4.88		
8	880	ea	24" x 30" x .080" Rectangle		12.21		
9	65	ea	24" x 48" x .080 Rectangle		19.54		
10	25	ea	30" x 12" x .080 Rectangle		6.11		
11	35	ea	30" x 15" x .080 Rectangle		7.63		
12	55	ea	30" x 36" x .080 Rectangle		18.31		
13	245	ea	36" x 12" x .080 Rectangle		7.33		
14	2	ea	48" x 30" x .100 Rectangle		24.42		
15	260	ea	12" x 12" x .080 Square		2.43		
16	75	ea	18" x 18" x .080 Square		5.49		
17	75	ea	24" x 24" x .080 Square		9.77		
18	180	ea	30" x 30" x .080 Square		15.27		
19	160	ea	18" x 18" x .080 Square / Diamond		5.49		
20	30	ea	24" x 24" x .080 Diamond		9.77		
21	300	ea	30" x 30" x .080 Diamond		15.27		
22	24	ea	30" x 30" x .080 Pentagon		13.63		
23	730	ea	30" x 30" x .080 Octagon		14.04		
24	195	ea	36" x 36" x .080 Square/Diamond		21.98		

Aluminum Blanks

Item #	Approximate Quantity	Unit	Schedule of Prices - Material Description	US Municipal	Garden Supply	Chemung	Flint
25	285	ea	30" x 30" x .080 Square/Diamond	n/b	15.27	n/b	n/b
26	22	ea	36" x 36" x .080 Square/Diamond		21.95		
27	20	ea	36" x 9" Extruded Aluminum Street Name Blades - no holes		9.06		
28	95	ea	24" x 9" x .091" Extruded Aluminum Street Name Blades - no holes		6.04		
29	115	ea	30" x 9" x .091" Extruded Aluminum Street Name Blades - no holes		7.56		
30	5	ea	36" x 9" x .091 Extruded Aluminum Street Name Blades - No Holes		9.06		
31	10	ea	42" x 9" x .091" Extruded Aluminum Street Name Blades - w/holes	▼	10.58		
32	700	ea	Corner nut & bolt	0.45	0.58		
33	100	ea	812 X Cap with vandal proof hardware	n/b	8.30		
34	155	ea	812 X Cross with hardware		7.50		
35	25	ea	812 X Cross with vandal proof hardware		8.30		
36	75	ea	#457 x Sign to Sign Universal Cross Separating Brackets		4.22		
37	70	ea	#922x sign name caps brackets w/vandal-proof hardware		3.50		
38	105	ea	#922x sign name caps brackets-w/standard hardware	▼	3.21	▼	▼

Aluminum Blanks

Item #	Approximate Quantity	Unit	Schedule of Prices - Material Description	US	Garden	Chemung	Flint
				Municipal	Supply		
39	135	ea	#990x street name sign cross-brackets - w/standard hardware	n/b	3.21	n/b	n/b
40	80	ea	97 SQ. x Post to Sign Bracket to fit 2" Square Traffic		3.72		
41	105	ea	U Channel Post Brackets for Street Name Signs		3.16		
42	75	ea	8" X 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		3.43		
43	150	ea	8" X 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		4.29		
44	150	ea	8" X 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		5.14		
45	30	ea	8" X 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		5.99		
46	30	ea	8" X 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		6.86		
47	30	ea	8" X 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		2.57		
48	50	ea	9" x 18" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		2.89		
49	70	ea	9" x 24" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		3.86		
50	130	ea	9" x 30" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		4.82		
51	85	ea	9" x 36" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		5.79		
52	25	ea	9" x 42" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		6.75		
53	10	ea	9" x 48" Flat Aluminum Street Name Blank .08" thick w/holes & Radius		7.72		
54	240	ea	812 F Cap W/Hardware - 12" Brackets		7.50		
55	250	ea	812 F Cross for Street Name Signs - 12" Brackets		7.50		
56	30	ea	9" x 12" x .080 Rectangle		2.66		
57	30	ea	9" x 15" x .080 Rectangle	↓	3.34	↓	↓

Reflective Roll Goods
Schedule Of Prices
Description
Type III

Item #	Approximate Quantity	Unit	Description	US Municipal	Garden Supply	Chemung	Flint
1	1	ea	9" X 50 yds. - Pressure Sensitive/High Intensity Roll Goods - Red, Black-3655-12, Blue and green	n/b	141.15	n/b	n/b
2	5	ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange		356.25		
3	14	ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3870-White, Yellow, Red, Green, Blue, Brown or Orange		445.31		
4	2	ea	24"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange		356.25		
5	8	ea	30"x 50 yds. High Intensive Reflective Sheeting Series 3930-White, Yellow, Red, Green, Blue, Brown or Orange		445.31		
6	1	ea	24" x 50 yds. White Reflective Sheeting Engineering Grade		240.00		
7	6	ea	36" X 50 yds. - White High Intensity Prism Sheeting (3M #3930)		534.40		
8	7	ea	36" X 50 yds. - Black Sheeting - (3M #7725-12)		415.00		
9	4	ea	30" x 50 yds. RED EC Film		403.20		
10	7	ea	9" x 50 yds. High Intensity White		133.60		
11	10	ea	9" x 100 yds. Pre Mask		37.74		
12	8	ea	2" x 50 yds. #983-10 DG White Conspicuity Tape		82.28		
13	6	ea	2" x 50 yds. #983-71 DG Yellow Conspicuity Tape		82.28		
14	10	ea	2" x 50 yds. #983-72 DG Red Conspicuity Tape		82.28		
15	6	ea	30" x 50 yds. Electronic Sign Marking Film (black, green, red)		403.20		
16	4	ea	36" x 50 yds. RED EC Film (American Traffic Safety Material)		483.80		
17	11	ea	30" x 50 yds. RED EC Film (American Traffic Safety Material)		403.20		
18	2	ea	6" x 50 Yds. Barricade Tape		161.04		

**Reflective Sheeting and Sign Faces
Schedule Of Prices
Finished Signs - Type III Material
Description**

US
Municipal Garden
Supply Chemung Flint

Item #	Approximate Quantity	Unit	Description	US Municipal	Garden Supply	Chemung	Flint
1	191	ea	Complete Penn Dot Sign - Type III (High Intensity material 36" and less)	n/b	5.42	n/b	n/b

Reflective Sheeting and Sign Faces

Item #	Approximate Quantity	Unit	Schedule Of Prices Type III Material Description	US Municipal	Garden Supply	Chemung	Flint
1	20	ea	12"x6" Reflective Sign Face	n/b	1.16	n/b	n/b
2	1065	ea	12"x18" Reflective Sign Face		4.08		
3	150	ea	12"x36" Reflective Sign Face		4.77		
4	205	ea	18"x18" Reflective Sign Face		3.57		
5	300	ea	18"x24" Reflective Sign Face		4.77		
6	185	ea	24"x24" Reflective Sign Face		6.36		
7	1335	ea	24"x30" Reflective Sign Face		7.95		
8	114	ea	24"x48" Reflective Sign Face		12.72		
9	25	ea	30"x12" Reflective Sign Face		3.98		
10	25	ea	30"x15" Reflective Sign Face		4.97		
11	1185	ea	30"x30" Reflective Sign Face		9.92		
12	100	ea	30"x36" Reflective Sign Face		11.92		
13	175	ea	36"x36" Reflective Sign Face		14.31		
14	50		24" x 12" Reflective Yellow Green Sign Face		5.99		
15	210	ea	30"x30" Reflective Yellow Green Sign Face		18.74		
16	34	ea	S-4 - 3P 24"x8' Reflective Yellow Green Sign Face	↓	4.21	↓	↓

**Reflective Sheeting and Sign Faces
Schedule Of Prices
Type III Material**

Item # Approximate Quantity Unit

Description

Item #	Approximate Quantity	Unit	Description				
17	15	ea	36" Reflective Sign Face - Yield	n/b	7.74	n/b	n/b
18	200	ea	12"x12" 3 Color Reflective Sign Face		2.06		
19	50	ea	12"x18" 3 Color Reflective Sign Face		4.28		
20	40	ea	24" x 24" 3 Colors Reflective Sign Face		6.68		
21	100	ea	18" X 6" All Way Face		1.56		
22	80	ea	18"x18" 3 color Reflective Sign Face		3.89		
23	75	ea	18"x24" 3 colors Reflective Sign Face		5.19		
24	555	ea	30"x30" Stop Face (Octagon)		9.86		
25	34	ea	30" Pentagon Reflective Sign Face		9.92		
26	44	ea	S1-1 - S2-1 (30" x 30") yellow/green		18.74		
27	26	ea	Packs of 6" Yellow Adhesive Letters (25 to a pack)		26.80		
28	70	ea	9" x 12" Educational Push Button Signs		1.86		
29	60	ea	9" x 15" Educational Push Button Signs with count down	↓	2.21	↓	↓

Item #	Approximate Quantity Per Linear foot	Unit	Hot Tape Pavement Markings Schedule Of Prices Description				Garden State		
				Unit Price Linear Ft/piece	Flint Unit Price per pack	Total	Unit Price per Linear Ft	Unit Price per pack	Total
1	90	LF	6" X 3' White PreMark / 125 mil / 60 lf per pkg.	1.91		171.90	2.72		244.80
2	220	LF	24" X 3' White PreMark / 125 mil / 15 lf per pkg.	7.64		1,680.80	10.89		2,395.80
3	10	LF	4" X 3' Yellow PreMark / 125 mil / 90 lf per pkg.	1.37		13.70	1.94		19.40
4	10	LF	4" X 3' Blue PreMark / 125 mil / 90 lf per pkg.	1.37		13.70	1.94		19.40
5	10	ea	Elongated White PreMark Straight Arrow / 125 mil / 2 per pkg.	104.46	208.92	289.20	298.28	298.28	2,982.80
6	14	ea	Elongated White PreMark Turn Arrow Left / 125 mil / 2 per pkg.	120.32	240.64	2,406.40	343.17	343.17	4,804.38
7	14	ea	Elongated White PreMark Turn Arrow Right / 125 mil / 2 per pkg.	120.32	240.64	2,406.40	343.17	343.17	4,804.38
8	6	ea	Elongated White PreMark Straight - Left Arrow / 125 mil / 1 per pkg.	211.12		1,266.72	379.60		2,277.60
9	1	ea	8' Individual PreMark SCHOOL / 125 mil / 1 per pkg.	267.41		267.41	396.29		396.29
10	10	ea	8' Individual PreMark ONLY / 125 mil / 1 per pkg.	171.80		171.00	245.00		2,450.00
11	5	ea	8' Individual PreMark SLOW / 125 mil / 1 per pkg.	170.37		851.85	242.96		1,214.80
12	5	ea	8' Individual PreMark STOP / 125 mil / 1 per pkg.	170.37		851.85	188.08		940.40
13	6	ea	"R x R" Kit FHWA	328.90		1,973.40	459.69		2,758.14
14	9	boxes	24" x 36" Yield Line (Shark's teeth)	147.50		1,327.50	210.34		1,893.06
15	14	ea	48" x 48" Handicap Kit	113.88		1,594.32	324.82		4,547.48

ALL PREFORMED THERMOPLASTIC PAVEMENT MARKINGS MUST BE APPROVED FOR USE BY PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

Item #	Approximate Quantity	Unit	Miscellaneous Items Description	US Municipal	Garden Supply	Chemung	Flint
1	793	ea	28" Fluorescent Orange Traffic Cones w/Night Stripe	n/b	14.21	n/b	n/b
2	480	ea	28" Day Glow Traffic Cones 10 lb Weighted Base Complete w/ Upper & Lower Collars		15.56		n/b
3	497	ea	White Delineation Posts with 18" Anchor SH248 GP3 or Equivalent		22.64		n/b
4	573	ea	Plastic "A" Frame Barricade Legs		15.23		n/b
5	15	ea	Plastic Barricades / Legs - Standard Size		15.23		n/b
6	249	ea	8' Panels for "A" Frame Barricade Legs		46.83		n/b
7	87	ea	Type 1 "A" Frame Barricades with Lights		89.10		n/b
8	167	ea	36" X 36" Work Area Ahead Roll up sign		64.25		n/b
9	67	ea	36" x 36" Road Closed Roll up sign		64.25		n/b
10	69	ea	36" x 36" Right Lane Closed Roll up sign		64.25		n/b
11	94	ea	36" x 36" Left Lane Closed Roll up sign		64.25		n/b
12	65	ea	36" x 36" Road Closed Ahead Roll up sign		64.25		n/b
13	55	ea	Work Area Ahead Roll up sign		64.25		n/b
14	66	ea	Stand for roll up sign		97.40		n/b
15	60	ea	PEXCO - 36" yellow flexi-guide post, w/2 yellow sheeted collars		11.52		n/b
16	60	ea	PEXCO - FG 300 heavy duty black base w/2 pins		7.98		n/b
17	20	ea	Tube E-6100 epoxy/gray		7.50		n/b
18	20	ea	Tube E-6100 epoxy/gray	↓	7.50	↓	n/b