

# LAPEER COUNTY ROAD COMMISSION

2021-7 Traffic Control Signs and Related Material

ITEM	Dornbos		Action Traffic		Vulcan	
	517-543-4000 UNIT\$	MIN	810-853-2006 UNIT\$	MIN	800-633-6845 UNIT\$	MIN
Part 1A	Grade					
12" X 12" 2 color	Fluorescent	6.37 NA	6.2 NA	6.85 NA	6.85 NA	NA
12" X 12" 2 color	Prismatic	4.16 NA	4.34 NA	4.95 NA	4.95 NA	NA
12" x 18"	Fluorescent	7.73 NA	6.44 NA	8.59 NA	8.59 NA	NA
12" x 18"	Prismatic	5.66 NA	6.45 NA	6.53 NA	6.53 NA	NA
12" x 36"	Fluorescent	15.81 NA	17.51 NA	16.92 NA	16.92 NA	NA
12" x 36"	Prismatic	11.34 NA	11.8 NA	12.63 NA	12.63 NA	NA
18" x 6"	Fluorescent	4.35 NA	0 NA	4.80 NA	4.80 NA	NA
18" x 6"	Prismatic	3.25 NA	3.23 NA	3.48 NA	3.48 NA	NA
18" x 18"	Fluorescent	11.86 NA	13.27 NA	13.88 NA	13.88 NA	NA
18" x 18"	Prismatic	8.51 NA	8.99 NA	9.90 NA	9.90 NA	NA
18" x 30	Fluorescent	19.32 NA	0 NA	21.15 NA	21.15 NA	NA
18" x 30	Prismatic	14.81 NA	14.61 NA	15.79 NA	15.79 NA	NA
21" x 15"	Fluorescent	11.28 NA	0 NA	13.55 NA	13.55 NA	NA
21" x 15"	Prismatic	8.28 NA	8.77 NA	9.68 NA	9.68 NA	NA
24" x 8"	Fluorescent	6.91 NA	8.07 NA	8.35 NA	8.35 NA	NA
24" x 8"	Prismatic	5.07 NA	4.79 NA	5.75 NA	5.75 NA	NA
24" x 9"	Fluorescent	9.69 NA	0 NA	9.40 NA	9.40 NA	NA
24" x 9"	Prismatic	7.11 NA	6.18 NA	6.75 NA	6.75 NA	NA
24" x 10"	Fluorescent	8.80 NA	9.99 NA	10.47 NA	10.47 NA	NA
24" x 10"	Prismatic	6.32 NA	6.81 NA	7.50 NA	7.50 NA	NA

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	517-543-4000	810-853-2006	800-633-6845			
Part 1A	Grade	UNIT\$	MIN	UNIT\$	MIN	UNIT\$
24" x 12"	Fluorescent	10.54	NA	11.86	NA	11.90
24" x 12"	Prismatic	7.56	NA	8.05	NA	8.84
24" x 18"	Fluorescent	15.81	NA	17.51	NA	16.77
24" x 18"	Prismatic	11.34	NA	11.8	NA	12.63
24" x 24"	Fluorescent	21.08	NA	23.17	NA	22.56
24" x 24"	Prismatic	15.12	NA	15.55	NA	16.84
24" x 24" 2 color	Fluorescent	22.66	NA	0	NA	22.79
24" x 24" 2 color	Prismatic	16.64	NA	15.7	NA	17.26
24" Route Sign	Fluorescent	25.66	NA	0	NA	33.38
24" Route Sign	Prismatic	20.16	NA	15.55	NA	27.25
24" x 30"	Fluorescent	32.67	NA	28.83	NA	28.20
24" x 30"	Prismatic	25.20	NA	19.3	NA	21.05
24" x 30" 2 color	Fluorescent	28.33	NA	29.1	NA	29.12
24" x 30" 2 color	Prismatic	20.79	NA	19.48	NA	21.48
24" x 36"	Fluorescent	30.90	NA	0	NA	33.84
24" x 36"	Prismatic	22.68	NA	23.05	NA	25.26
24" x 42"	Fluorescent	36.05	NA	0	NA	39.48
24" x 42"	Prismatic	26.46	NA	26.8	NA	29.47

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Part 1A	UNIT\$	MIN	UNIT\$	MIN	UNIT\$	MIN
30" x 12"	13.18	NA	14.7	NA	15.65	NA
30" x 12"	9.45	NA	13.1	NA	11.23	NA
30" x 24"	26.35	NA	28.83	NA	28.20	NA
30" x 24"	18.90	NA	19.3	NA	21.05	NA
30" x 30"	32.94	NA	35.34	NA	35.25	NA
30" x 30"	23.63	NA	23.98	NA	26.31	NA
30" x 30" 3 color	40.11	NA	36.01	NA	41.82	NA
30" x 30" 3 color	28.27	NA	24.43	NA	25.59	NA
30" x 30" Stop Sign	30.53	NA	0	NA	34.68	NA
30" x 30" Stop Sign	21.29	NA	23.98	NA	24.32	NA
30" X 36"	15.81	NA	42.97	NA	42.30	NA
30" X 36"	11.34	NA	28.68	NA	31.58	NA
36" x 18"	23.72	NA	26	NA	25.38	NA
36" x 18"	17.01	NA	17.43	NA	18.95	NA
36" x 36"	47.43	NA	51.45	NA	50.76	NA
36" x 36"	34.02	NA	34.29	NA	37.89	NA
36" x 36" 2 color	59.50	NA	51.94	NA	58.53	NA
36" x 36" 2 color	41.86	NA	34.62	NA	37.89	NA

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	517-543-4000	810-853-2006	810-853-2006	800-633-6845		
Part 1A	UNIT\$	MIN	UNIT\$	MIN	UNIT\$	MIN
36" x 36" 3 color	57.83	NA	52.43	NA	58.53	NA
36" x 36" 3 color	40.57	NA	34.62	NA	37.89	NA
36" x 36" Stop Sign	45.02	NA	0	NA	49.86	NA
36" x 36" Stop Sign	32.61	NA	34.29	NA	35.30	NA
36" x 36" Yield Sign	23.18	6	0	NA	26.36	NA
36" x 36" Yield Sign	17.00	6	16.1	NA	19.74	NA
36" Route Sign	62.72	6	0	NA	72.94	NA
36" Route Sign	50.31	6	34.29	NA	51.84	NA
36" Circle	47.43	6	51.45	NA	51.90	NA
36" Circle	34.02	6	34.29	NA	38.50	NA
36" Pentagon	47.43	6	51.45	NA	45.15	NA
36" Pentagon	34.02	6	34.29	NA	32.30	NA
48" x 24"	47.43	6	57.97	NA	45.12	NA
48" x 24"	34.02	6	42.71	NA	33.68	NA
48" x 30"	51.50	6	0	NA	56.50	NA
48" x 30"	37.80	6	38.04	NA	42.10	NA
48" x 48" x 36"	31.62	6	43.61	NA	48.55	NA
48" x 48" x 36"	22.68	6	32.17	NA	36.30	NA

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	517-543-4000	810-853-2006	810-853-2006	800-633-6845		
Part 1A	UNIT\$	MIN	UNIT\$	MIN	UNIT\$	MIN
48" x 48"	104.55	6	115.38	NA	90.24	NA
48" x 48"	80.55	6	84.87	NA	67.36	NA
60" x 30"	81.68	6	90.26	NA	70.50	NA
60" x 30"	62.92	6	65.89	NA	52.63	NA

**Part 1B**

48" X 24"	Fluorescent	70.88	12	48.97	NA	0.00	0
48" X 24"	Prismatic	56.64	12	42.71	NA	0.00	0
48" x 36"	Fluorescent	106.32	6	73.18	NA	0.00	0
48" x 36"	Prismatic	84.96	6	63.79	NA	0.00	0
48" x 48"	Fluorescent	141.76	6	97.39	NA	0.00	0
48" x 48"	Prismatic	113.28	6	84.87	NA	0.00	0
96" x 48"	Fluorescent	283.52	2	194.1	NA	0.00	0
96" x 48"	Prismatic	226.56	2	169.91	NA	0.00	0
48" x 48" x 36"	Fluorescent	65.00	6	70.8	NA	0.00	0
48" x 48" x 36"	Prismatic	59.50	6	32.17	NA	0.00	0

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ITEM	Dornbos		Action Traffic		Vulcan	
	UNIT\$	MIN	UNIT\$	MIN	UNIT\$	MIN
Part 1C	517-543-4000		810-853-2006		800-633-6845	
Road Name Sign Blank 24" x 9" – One Side Covered *	5.67	6	6.18	NA	6.51	NA
Road Name Sign Blank 30" x 9" – One Side Covered *	7.11	6	7.59	NA	8.00	NA
Road Name Sign Blank 36" x 9" – One Side Covered *	8.51	6	8.98	NA	9.60	NA
Road Name Sign Blank 42" x 9" – One Side Covered *	9.95	6	10.37	NA	11.14	NA
Square 24" x 24" - White	15.12	6	15.54	NA	16.78	NA
Rectangle 24" x 30" - White	18.90	6	19.29	NA	20.99	NA
Diamond / Square 30" x 30" – Yellow	23.63	6	35.89	NA	26.21	NA
Diamond / Square 36" x 36" - Yellow	34.02	6	51.45	NA	37.76	NA

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	517-543-4000	810-853-2006	810-853-2006	810-853-2006	800-633-6845	800-633-6845	
Part 1D	UNIT\$	MIN	Unit\$	MIN	Unit\$	MIN	
12" x 6" Face Only	Fluorescent	2.95	12	2.72	NA	1.42	NA
12" x 6" Face Only	Prismatic	2.50	12	1.21	NA	0.70	NA
12" x 36" Face Only	Fluorescent	10.35	12	13.03	NA	8.52	NA
12" x 36" Face Only	Prismatic	4.98	12	7.31	NA	4.17	NA
18" x 30" Face Only	Fluorescent	12.94	12	16.29	NA	10.65	NA
18" x 30" Face Only	Prismatic	6.25	12	9.14	NA	5.21	NA
24" x 18" Face Only	Fluorescent	10.35	12	13.03	NA	8.52	NA
24" x 18" Face Only	Prismatic	4.98	12	7.31	NA	4.17	NA
24" x 30" Face Only	Fluorescent	17.25	12	21.72	NA	14.20	NA
24" x 30" Face Only	Prismatic	8.30	12	12.18	NA	6.95	NA
30" x 30" Face Only	Fluorescent	21.57	12	27.15	NA	17.75	NA
30" x 30" Face Only	Prismatic	10.38	12	15.23	NA	8.69	NA
30" x 36" Face Only	Fluorescent	25.88	12	32.58	NA	21.30	NA
30" x 36" Face Only	Prismatic	12.45	12	18.28	NA	10.43	NA
36" x 36" Face Only	Fluorescent	31.05	12	39.09	NA	25.56	NA
36" x 36" Face Only	Prismatic	14.94	12	21.93	NA	12.51	NA
48" x 24" Face Only	Fluorescent	27.60	12	34.75	NA	22.72	NA
48" x 24" Face Only	Prismatic	13.28	12	19.49	NA	11.12	NA
30" Stop Sign Face Only	Fluorescent	20.63	12	0	NA	17.75	NA
30" Stop Sign Face Only	Prismatic	10.38	12	8.48	NA	8.69	NA
36" Stop Sign Face Only	Fluorescent	31.05	12	0	NA	25.56	NA
36" Stop Sign Face Only	Prismatic	24.80	12	12.2	NA	12.51	NA
36" Stop Ahead Face Only	Fluorescent	39.50	12	39.09	NA	34.95	NA
36" Stop Ahead Face Only	Prismatic	21.50	12	21.93	NA	14.85	NA
36" Signal Ahead Face Only	Fluorescent	39.50	12	39.09	NA	33.24	NA
36" Signal Ahead Face Only	Prismatic	22.75	12	21.93	NA	14.85	NA

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Part 2	Dornbos				Action Traffic			Vulcan	
	LENGTH	SIZE	UNIT	UNIT COST	MINIMUM	UNIT COST	MINIMUM	UNIT COST	MINIMUM
12-Ft	Galvanized 3lb/ft U-Channel Post	Each	30.36	50	36.00	50	38.83	50	
13-Ft	Galvanized 3lb/ft U-Channel Post	Each	32.89	50	39.00	50	42.08	50	
14-Ft	Galvanized 3lb/ft U-Channel Post	Each	35.42	50	42.00	50	45.3	50	
16-Ft	Galvanized 3lb/ft U-Channel Post	Each	40.48	50	48.00	50	56.08	50	
18-Ft	Galvanized 3lb/ft U-Channel Post	Each	48.60	50	0.00	0	62.81	50	
20-Ft	Galvanized 3lb/ft U-Channel Post	Each	54.00	50	0.00	0	71.25	50	
7-Ft	Galvanized 1.12lb/ft U-Channel Post	Each	7.87	100	9.00	100	8.61	NA	
	Crystal (Clear) Delineator	Each	1.00	50	13.38	NA	0	0	
	Green Delineator	Each	1.00	50	13.38	NA	0	0	
	Yellow Delineator	Each	1.00	50	13.38	NA	0	0	
	Red Delineator	Each	1.07	50	13.38	NA	0	0	
14-ft	Wood Post, 4" x 6"	Each	0.00	0	148.75	NA	0	0	
16-ft	Wood Post, 4" x 6"	Each	0.00	0	170.00	NA	0	0	
14-ft	Wood Post, 6" x 8"	Each	0.00	0	312.50	NA	0	0	
16-ft	Wood Post, 6" x 8"	Each	0.00	0	320.00	NA	0	0	
3-ft	Steel Sleeves for Wood Posts For 4" x 6"	Each	0.00	0	81.25	NA	0	0	
4.5-ft	Steel Sleeves for Wood Posts For 6" x 8"	Each	0.00	0	81.25	NA	0	0	
6'	Flex Delineator Post Yellow with 3" x 6" Yellow High Decal	Each	24.48	20	25.00	NA	16.95	500 lbs	
6'	Flex Delineator Post Green with 3" x 6" Green High Decal	Each	24.48	20	NB	NA	16.95	500 lbs	



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<b>Part 3</b>		<b>Dornbos</b>		<b>Action Traffic</b>		<b>Vulcan</b>	
<b>ITEM</b>	<b>UNIT</b>	<b>Unit Cost</b>	<b>Min.</b>	<b>Unit Cost</b>	<b>Min.</b>	<b>Unit Cost</b>	<b>Min.</b>
High Intensity Reflective Sheeting 15" x 50 yard (Pressure Sensitive)	Roll	258.76	NA	237.73	NA	241.88	NA
High Intensity Reflective Sheeting 18" x 50 yard (Pressure Sensitive)	Roll	310.50	NA	285.27	NA	288.00	NA
Non-Reflective Sheeting 15" x 50 yard (Pressure Sensitive)	Roll	238.50	NA	227.39	NA	208.13	NA
Non-Reflective Sheeting 18" x 50 yard (Pressure Sensitive)	Roll	286.20	NA	272.87	NA	249.75	NA
High Intensity Reflective Flexible Barricade Sheeting - 6" x 50 yard (Pressure Sensitive)	Roll	0.00	0	0.00	0	138.16	NA
High Intensity Reflective Barricade Sheeting Orange / Silver Pre-Striped 8" x 50 yard (Pressure Sensitive Adhesive)	Roll	136.80	NA	371.49	NA	184.21	NA
High Intensity Reflective Barricade Sheeting Orange / Silver Pre-Striped 12" x 50 yard (Pressure Sensitive Adhesive)	Roll	205.20	NA	557.23	NA	276.31	NA
Temporary Pavement Marking - Yellow Removable - 4" x 50 yard (Pressure)	Roll	150.84	4x40 yd rol	785.51	100	150.50	25yd roll
Temporary Pavement Marking - White Removable - 4" x 50 yard (Pressure)	Roll	150.84	4x40 yd rol	785.51	100	150.50	25yd roll
Temporary Pavement Marking - Yellow Non-Removable - 4" x 50 yard (Pressure)	Roll	134.70	4x40 yd rol	488.19	120	155.86	25yd roll
Temporary Pavement Marking - White Non-Removable - 4" x 50 yard (Pressure)	Roll	134.70	4x40 yd rol	488.19	120	155.86	25yd roll
Temporary Chlp Seal Overlay Marker	Each	0.75	500	0.00	0	0.85	200
Galvanized Square Tubing with Holes 1" x 24"	Lft	0.00	0	0.00	0	0.00	0
Galvanized Square Tubing with Holes 1 1/4" x 30"	Lft	0.00	0	0.00	0	0.00	0
Galvanized Square Tubing with Holes 1 3/4" x 9'	Lft	0.00	0	0.00	0	0.00	0
Tube Cutting Charge	Each	0	0	0	0	0	0