

**OFFICE OF THE CITY ENGINEER  
DESIGN AND CONSTRUCTION PROCUREMENT  
FINAL BID TABULATION**

Project No.: ST89340584 Federal Aid No. PHX-0-(355) ADOT TRACS No. MA PHX T0199 01C  
Description: Thomas Road and Indian School Road Traffic Signal Upgrades  
Bid Date: December 12, 2023

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FINAL BID RESULTS\_ST89340584 ThomasRd-Indian SchoolRd Traffic Signal Upgrades .xlsx

Reviewed and Approved By: (signature of Project Manager required) *Tariqmonika 1/5/2024*

Item No.	Reference	Description	Unit	Quantity	Engineer's Unit Price	Extended Total	AJP Electric, Inc.	Extended Total	Combs Construction Company, Inc.	Extended Total
1	E699200	ALLOWANCE FOR STORMWATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICE (BMP'S)	JOB	1	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00
2	M1042006	ALLOWANCE FOR UNFORESEEN CONDITIONS	JOB	1	\$236,957.00	\$236,957.00	\$236,957.00	\$236,957.00	\$236,957.00	\$236,957.00
3	M1058001	CONSTRUCTION SURVEYING AND LAYOUT	LS	1	\$24,933.33	\$24,933.33	\$35,000.00	\$35,000.00	\$550,000.00	\$550,000.00
4	M3360120	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE D-1/2, 2" THICK	SY	375	\$141.67	\$53,125.00	\$135.00	\$50,625.00	\$75.00	\$28,125.00
5	M3360260	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 6" THICK	SY	375	\$300.33	\$112,625.00	\$230.00	\$86,250.00	\$220.00	\$82,500.00
6	M3370103	CRACK SEAL AND MICROSEAL	SY	12,731	\$18.70	\$238,069.71	\$10.50	\$133,675.50	\$8.50	\$108,213.50
7	M3400000	CONSTRUCT CONCRETE MEDIAN NOSE TRANSITION PER MAG STD DTL 223	SF	319	\$23.80	\$7,592.20	\$10.00	\$3,190.00	\$85.00	\$27,115.00
8	M3400400	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	147	\$11.05	\$1,624.35	\$10.00	\$1,470.00	\$40.50	\$5,953.50
9	M3400409	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 MODIFIED (9" THICK), CLASS A CONCRETE	SF	960	\$17.00	\$16,320.00	\$16.00	\$15,360.00	\$28.50	\$27,360.00
10	M3400415	TRUNCATED DOMES FOR SIDEWALK RAMPS, PER COP STD. DTL. P1232	SF	357	\$51.00	\$18,207.00	\$80.00	\$28,560.00	\$64.00	\$22,848.00
11	M3400488A	CONCRETE CURB RAMP, (9" THICK) (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-4, (9" THICK))	SF	4,206	\$22.67	\$95,336.00	\$16.00	\$67,296.00	\$28.00	\$117,768.00
12	M3400488B	CONCRETE CURB RAMP, (9" THICK) (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 237-1, (9" THICK))	SF	4,127	\$22.67	\$93,545.34	\$16.00	\$66,032.00	\$24.50	\$101,111.50
13	M3402201	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A"	LF	954	\$52.13	\$49,735.20	\$80.00	\$76,320.00	\$79.00	\$75,366.00
14	M3402227	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A" MODIFIED (FOR BUS BAYS)	LF	31	\$52.13	\$1,616.13	\$100.00	\$3,100.00	\$149.00	\$4,619.00
15	M3450040	ADJUST EXISTING GAS VALVE BOX AND COVER TO GRADE PER MAG 345	EA	1	\$821.67	\$821.67	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00

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16	M3453001	ADJUST EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL P1391, TYPE 'A' ONLY	EA	3	\$821.67	\$2,465.00	\$600.00	\$1,800.00	\$3,500.00	\$10,500.00
17	M3500010	REMOVE EXISTING CONCRETE CURB AND GUTTER	LF	985	\$17.57	\$17,303.17	\$10.00	\$9,850.00	\$37.00	\$36,445.00
18	M3500020	REMOVE EXISTING CONCRETE SIDEWALK AND MEDIAN NOSE	SF	6,584	\$8.22	\$54,098.53	\$9.00	\$59,256.00	\$17.50	\$115,220.00
19	M3500036	REMOVE EXISTING CONCRETE CATCH BASIN	EA	2	\$3,513.33	\$7,026.67	\$1,500.00	\$3,000.00	\$5,500.00	\$11,000.00
20	M3500040	REMOVE EXISTING 6" WATER PIPE	LF	71	\$45.33	\$3,218.67	\$15.00	\$1,065.00	\$140.00	\$9,940.00
21	M3500312	MISCELLANEOUS REMOVALS AND OTHER WORK	LS	1	\$35,303.33	\$35,303.33	\$67,000.00	\$67,000.00	\$541,000.00	\$541,000.00
22	M3513110	1" PVC CONDUIT FOR TRAFFIC SIGNALS	LF	83	\$39.67	\$3,292.33	\$30.00	\$2,490.00	\$21.00	\$1,743.00
23	M3513303	TRAFFIC SIGNAL CONDUCTORS	LS	1	\$86,133.34	\$86,133.34	\$148,000.00	\$148,000.00	\$400,000.00	\$400,000.00
24	M3515046	RELOCATE EXISTING ELECTRIC JUNCTION BOX	EA	4	\$5,298.33	\$21,193.33	\$2,000.00	\$8,000.00	\$620.00	\$2,480.00
25	M4011903	TRAFFIC CONTROL DEVICES	LS	1	\$279,651.18	\$279,651.18	\$400,000.00	\$400,000.00	\$1,135,000.00	\$1,135,000.00
26	M4013000	ALLOWANCE FOR UNIFORMED, OFF-DUTY LAW ENFORCEMENT OFFICER	JOB	1	\$51,900.00	\$51,900.00	\$51,900.00	\$51,900.00	\$51,900.00	\$51,900.00
27	M4404000A	REMOVE EXISTING IRRIGATION BOX AND REPLACE WITH NEW HEAVY DUTY BOX IN SIDEWALK	EA	3	\$1,416.67	\$4,250.00	\$500.00	\$1,500.00	\$1,250.00	\$3,750.00
28	M4711001	2" SCH 40 PVC CONDUIT	LF	198	\$34.00	\$6,732.00	\$34.00	\$6,732.00	\$28.00	\$5,544.00
29	M4711003	2 1/2" SCH 40 PVC CONDUIT	LF	5,946	\$36.27	\$215,641.61	\$70.00	\$416,220.00	\$57.00	\$338,922.00
30	M4712003	TRAFFIC SIGNAL, NO. 7 JUNCTION BOX	EA	16	\$1,133.33	\$18,133.33	\$1,250.00	\$20,000.00	\$1,300.00	\$20,800.00
31	M4722001A	FOUNDATION FOR TYPE BP POLE IN SIDEWALK	EA	3	\$1,530.00	\$4,590.00	\$3,350.00	\$10,050.00	\$3,000.00	\$9,000.00

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Item No.	Reference	Description	Unit	Quantity	Engineer's Unit Price	Extended Total	AJP Electric, Inc.	Extended Total	Combs Construction Company, Inc.	Extended Total
32	M4722004A	FOUNDATION FOR TYPE AP POLE	EA	2	\$3,966.67	\$7,933.33	\$4,400.00	\$8,800.00	\$1,600.00	\$3,200.00
33	M4722007A	FOUNDATION FOR TYPE GP POLE	EA	6	\$3,966.67	\$23,800.00	\$4,850.00	\$29,100.00	\$5,750.00	\$34,500.00
34	M4722010A	FOUNDATION FOR TYPE LP POLE	EA	7	\$5,440.00	\$38,080.00	\$6,400.00	\$44,800.00	\$1,930.00	\$13,510.00
35	M4722013A	FOUNDATION FOR TYPE P45 POLE	EA	4	\$9,633.33	\$38,533.33	\$11,500.00	\$46,000.00	\$13,000.00	\$52,000.00
36	M4722016A	FOUNDATION FOR TYPE P70 POLE	EA	12	\$15,300.00	\$183,600.00	\$18,300.00	\$219,600.00	\$13,500.00	\$162,000.00
37	M4724002	FOUNDATION FOR BATTERY BACKUP POWER PEDESTAL TYPE B	EA	4	\$2,742.67	\$10,970.67	\$1,200.00	\$4,800.00	\$1,650.00	\$6,600.00
38	M4724004	FOUNDATION FOR CONTROLLER CABINET	EA	4	\$1,700.00	\$6,800.00	\$2,000.00	\$8,000.00	\$2,100.00	\$8,400.00
39	M4732002	APS PEDESTRIAN PUSH BUTTON	EA	32	\$1,853.00	\$59,296.00	\$1,820.00	\$58,240.00	\$1,650.00	\$52,800.00
40	M3515072A	REMOVE EXISTING LUMINAIRE AND MAST ARM AND DISPOSE (REMOVE EXISTING MAST ARM)	EA	16	\$1,133.33	\$18,133.33	\$1,500.00	\$24,000.00	\$600.00	\$9,600.00
41	M4791000	REMOVAL OF SIGNAL POLE	EA	33	\$1,156.00	\$38,148.00	\$950.00	\$31,350.00	\$500.00	\$16,500.00
42	M4733001	EVP DETECTOR AND CONFIRMATION LIGHT	EA	8	\$5,882.00	\$47,056.00	\$16,800.00	\$134,400.00	\$4,250.00	\$34,000.00
43	M4741020	COP LUMINAIRE MAST ARM	EA	24	\$850.00	\$20,400.00	\$700.00	\$16,800.00	\$625.00	\$15,000.00
44	M4741024	5' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	20	\$1,530.00	\$30,600.00	\$1,150.00	\$21,850.00	\$1,325.00	\$25,175.00
45	M4741030	20' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	4	\$2,040.00	\$8,160.00	\$2,200.00	\$8,800.00	\$2,500.00	\$10,000.00
46	M4741035	TYPE AP POLE - 20'	EA	2	\$4,590.00	\$9,180.00	\$5,425.00	\$10,850.00	\$5,200.00	\$10,400.00
47	M4741036	TYPE BP POLE - 4'	EA	3	\$3,966.67	\$11,900.00	\$2,600.00	\$7,800.00	\$2,665.00	\$7,995.00
48	M4741037A	TYPE GP POLE (TYPE GP POLE WITH LUMINAIRE ARM)	EA	6	\$5,440.00	\$32,640.00	\$6,300.00	\$37,800.00	\$6,500.00	\$39,000.00

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49	M4741038	TYPE LP POLE	EA	7	\$5,666.67	\$39,666.67	\$9,775.00	\$68,425.00	\$9,200.00	\$64,400.00
50	M4741039	TYPE P45 POLE	EA	4	\$10,766.67	\$43,066.67	\$21,200.00	\$84,800.00	\$25,500.00	\$102,000.00
51	M4741041	TYPE P70 POLE	EA	12	\$20,400.00	\$244,800.01	\$37,600.00	\$451,200.00	\$39,000.00	\$468,000.00
52	M4741044	30' PRIMARY MAST ARM FOR P45 POLE (M30P45)	EA	3	\$13,033.33	\$39,100.00	\$15,300.00	\$45,900.00	\$16,350.00	\$49,050.00
53	M4741047	40' PRIMARY MAST ARM FOR P70 POLE (M40P70)	EA	4	\$14,166.67	\$56,666.67	\$18,900.00	\$75,600.00	\$23,000.00	\$92,000.00
54	M4741048	55' PRIMARY MAST ARM FOR P70 POLE (M55P70)	EA	9	\$20,400.00	\$183,600.00	\$27,750.00	\$249,750.00	\$37,200.00	\$334,800.00
55	M4741050	5' MAST ARM EXTENSION FOR P45/P70 POLE	EA	10	\$1,292.00	\$12,920.00	\$1,350.00	\$13,500.00	\$1,350.00	\$13,500.00
56	M4741051	10' MAST ARM EXTENSION FOR P45/P70 POLE	EA	4	\$1,768.00	\$7,072.00	\$2,100.00	\$8,400.00	\$2,150.00	\$8,600.00
57	M4741053	DAMPER	EA	16	\$1,190.00	\$19,040.00	\$2,400.00	\$38,400.00	\$2,500.00	\$40,000.00
58	M4751002	TYPE 'B' ELECTRICAL POWER SERVICE PEDESTAL	EA	4	\$13,600.00	\$54,400.00	\$18,000.00	\$72,000.00	\$20,250.00	\$81,000.00
59	M4751003	TRAFFIC SIGNAL CONTROLLER CABINET	EA	4	\$39,100.00	\$156,400.00	\$50,475.00	\$201,900.00	\$52,500.00	\$210,000.00
60	M4761001	TYPE F- 3 SECTION 12" SIGNAL HEAD	EA	16	\$1,303.33	\$20,853.33	\$1,240.00	\$19,840.00	\$1,230.00	\$19,680.00
61	M4761002	TYPE F1- 3 SECTION 12" SIGNAL HEAD	EA	43	\$1,768.00	\$76,024.00	\$1,320.00	\$56,760.00	\$900.00	\$38,700.00
62	M4761009	PEDESTRIAN HEAD, LED	EA	32	\$1,881.33	\$60,202.67	\$1,100.00	\$35,200.00	\$700.00	\$22,400.00
63	M4761012	TYPE FA- 4 SECTION 12" SIGNAL HEAD	EA	16	\$1,768.00	\$28,288.00	\$1,500.00	\$24,000.00	\$1,625.00	\$26,000.00
64	M4761013	TYPE FA1- 4 SECTION 12" SIGNAL HEAD	EA	16	\$1,768.00	\$28,288.00	\$1,550.00	\$24,800.00	\$1,450.00	\$23,200.00
65	M4771001	LED TRAFFIC SIGNAL LUMINAIRE	EA	30	\$1,133.33	\$34,000.00	\$1,150.00	\$34,500.00	\$1,050.00	\$31,500.00

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66	M4793001A	REMOVAL OF FOUNDATIONS (REMOVE EXISTING 'A' POLE FOUNDATION, FULL DEPTH, PER COP TRAFFIC SPEC 479.2.4)	EA	23	\$708.33	\$16,291.67	\$1,800.00	\$41,400.00	\$2,250.00	\$51,750.00
67	M4793001B	REMOVAL OF FOUNDATIONS (REMOVE EXISTING FOUNDATION A MINIMUM OF 10" BELOW FINISHED GRADE PER COP TRAFFIC SPEC 479.2.4)	EA	9	\$997.33	\$8,976.00	\$1,800.00	\$16,200.00	\$2,250.00	\$20,250.00
68	M4793001C	REMOVAL OF FOUNDATIONS (REMOVE EXISTING FOUNDATION, FULL DEPTH, PER COP TRAFFIC SPEC 479.2.4)	EA	1	\$1,643.33	\$1,643.33	\$3,500.00	\$3,500.00	\$2,300.00	\$2,300.00
69	M4794001	MISCELLANEOUS REMOVAL OF INCIDENTAL TRAFFIC ITEMS	LS	1	\$100,016.67	\$100,016.67	\$110,000.00	\$110,000.00	\$275,500.00	\$275,500.00
70	M5051508	CONCRETE CATCH BASIN, TYPE "H", DOUBLE GRATE, M.A.G. DETAIL 538 AND 539 (CONSTRUCT CONCRETE CATCH BASIN TYPE 'H' (SINGLE GRATE PER MAG STD DTL 538)	EA	1	\$2,946.67	\$2,946.67	\$6,000.00	\$6,000.00	\$16,200.00	\$16,200.00
71	M5051565	CONCRETE CATCH BASIN, TYPE "N, SINGLE", PHX. SUPP. DETAIL P-1570	EA	1	\$8,239.32	\$8,239.32	\$8,000.00	\$8,000.00	\$17,500.00	\$17,500.00
72	M6101850	ALLOWANCE FOR EXCESS DUCTILE IRON FITTINGS, FURNISH AND INSTALL	JOB	1	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00
73	M6104400	WATER LINE CUT-OUT PER COP STD DTL P1344	EA	3	\$8,239.33	\$24,718.00	\$9,000.00	\$27,000.00	\$10,400.00	\$31,200.00
74	M6105006	FURNISH AND INSTALL NEW 6" DUCTILE IRON PIPE AND FITTINGS PER COP SUPPLEMENT TO MAG SPEC SECTION	LF	79	\$170.00	\$13,430.00	\$250.00	\$19,750.00	\$275.00	\$21,725.00
75	M6106000A	REMOVE EXISTING VALVE, BOX, AND COVER, BACKFILL WITH ABC, REPLACE PAVEMENT. DELIVER SALVAGED ITEMS TO WATER YARD (REMOVE EXISTING WATER VALVE, BOX AND COVER)	EA	3	\$1,416.67	\$4,250.00	\$10,000.00	\$30,000.00	\$4,000.00	\$12,000.00
76	M6106003	REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO CITY OF PHOENIX	EA	6	\$2,901.33	\$17,408.00	\$1,000.00	\$6,000.00	\$2,000.00	\$12,000.00
77	M6108014A	FIRE HYDRANT ASSEMBLY, 6" GATE VALVE, VALVE BOX & COVER, TYPE "A", FURNISH AND INSTALL (INSTALL NEW FIRE HYDRANT PER COP STD DTLS P1360 & P1362)	EA	6	\$7,060.67	\$42,364.00	\$8,000.00	\$48,000.00	\$13,000.00	\$78,000.00

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78	M6180024	INSTALL NEW 24" RGRCP CLASS III STORM DRAIN	LF	8	\$294.67	\$2,357.33	\$600.00	\$4,800.00	\$1,100.00	\$8,800.00
79	M6180506	CONCRETE PIPE COLLAR FOR 24" PIPE AND LARGER, COP STANDARD DTAIL P-1505	EA	1	\$1,768.00	\$1,768.00	\$1,500.00	\$1,500.00	\$9,000.00	\$9,000.00
80	M6304025	FURNISH & INSTALL 8"X6" TAPPING SLEEVE & VALVE, BOX & COVER	EA	3	\$5,298.33	\$15,895.00	\$5,000.00	\$15,000.00	\$11,750.00	\$35,250.00
81	M6309065	DEBRIS CAP, INCLUDING LOCATOR COIL, INSTALL	EA	15	\$294.67	\$4,420.00	\$200.00	\$3,000.00	\$500.00	\$7,500.00
82	M9001002	20"x8' DOUBLE-SIDED ILLUMINATED STREET SIGN	EA	12	\$6,471.33	\$77,656.00	\$6,200.00	\$74,400.00	\$7,500.00	\$90,000.00
83	M9003002	36"x8' DOUBLE-SIDED ILLUMINATED STREET SIGN	EA	4	\$7,066.32	\$28,265.29	\$6,400.00	\$25,600.00	\$9,000.00	\$36,000.00
84	M9011001	WIRELESS NETWORK RADIO	EA	4	\$9,406.68	\$37,626.71	\$7,500.00	\$30,000.00	\$12,000.00	\$48,000.00
85	M4733004	NON-INTRUSIVE DETECTION SYSTEM FOR 4-LEGGED INTERSECTION	EA	4	\$39,553.28	\$158,213.12	\$38,200.00	\$152,800.00	\$70,000.00	\$280,000.00
86	M9021001	PTZ CCTV CAMERA	EA	4	\$6,800.00	\$27,200.00	\$5,900.00	\$23,600.00	\$9,000.00	\$36,000.00
<b>GRAND TOTALS</b>						<b>\$4,096,744.25</b>	<b>\$4,928,213.50</b>		<b>\$7,351,165.50</b>	