

GMP SUMMARY

2022



STREET

MAINTENANCE

PROGRAM

PROJECT NO: 01-22001

GMP SUMMARY

PROJECT NAME:	City of Flagstaff Street Maintenance Program 2022
PROJECT NUMBER:	01-22001
LAST UPDATED:	6/8/2022
OWNER(S):	City of Flagstaff
BILLING ADDRESS:	211 West Aspen Avenue
JOB SITE ADDRESS:	various locations -
OWNER PHONE:	(928) 779-7685



C and E
PAVING & GRADING L.L.C.

GMP SUMMARY				
A	COST OF THE WORK (LABOR, MATERIALS, EQUIPMENT)			\$4,450,922.24
B	CM@RISK'S CONTINGENCY			\$100,000.00
			RATE	\$4,550,922.24
C	CONSTRUCTION FEE		4.8%	\$273,848.05
D	GENERAL CONDITIONS		9.8%	\$559,106.43
	D1	\$35,828.45	0.628%	
	D2	\$70,744.08	1.24%	
E	SALES TAX	(9.181)	.05631577	\$321,290.92
	F. TOTAL GMP			\$5,705,167.62
	G. OWNER'S CONTINGENCY			\$200,000.00
	H. CONTRACT AMOUNT			\$5,905,167.62

CITY OF FLAGSTAFF
GENERAL CONDITIONS ESTIMATE



**C and E
PAVING & GRADING L.L.C.**

PROJECT NAME:		City of Flagstaff Street Maintenance Program - 2022	
PROJECT NUMBER:		01-22001	
LAST UPDATED:		6/8/2022	
OWNER(S):		City of Flagstaff	
BILLING ADDRESS:		211 West Aspen Avenue	
JOB SITE ADDRESS:		various locations	
OWNER PHONE:		(928) 779-7685	
PHASE #	CATEGORY DESCRIPTION	NOTES / SCOPE	BUDGET
General Requirements			
1	VEHICLE / FUEL ALLOWANCE		\$74,403.31
1	PROJECT MANAGER		\$100,274.60
1	SUPERINTENDENT		\$81,455.60
1	OFFICE PERSONNEL		\$13,862.00
1	OFFICE SUPPLIES AND EQUIPMENT		\$4,031.00
1	SITE MECHANIC & SERVICE TRUCK		\$47,113.00
1	TEMP SANITARY FACILITIES		\$2,280.00
1	ADDITIONAL PUBLIC NOTICES AND DELIVERY/ LIME / CONCRETE PLASTIC		\$6,060.00
	SURVEY		\$3,280.00
1	MOBILIZATION		\$48,459.79
1	WARRANTY RESERVE	1.25% OF PROJECT	\$71,314.60
1	GL INSURANCE	1.24% OF PROJECT	\$70,744.08
1	PERFORMANCE BOND	.0062827% OF PROJECT	\$35,828.45
TOTAL			\$559,106.43

**COST SCHEDULE
OF VALUES**

2022 COF STREETS

Schedule of Values

OVERLAY and CHIP SEAL

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
1	CRACK SEALING (CHIP SEAL STRIETS + MILL & OVERLAY STREETS)	31.0	T	\$3,950.00	\$122,450.00
2	MILL & FILL LARGE THERMAL CRACK (2 inch depth and 2 feet wide)INSTALL ASPHALT INTO MILLED AREAS	8,159.0	LF	\$17.70	\$144,414.30
3	BITUMINOUS MATERIAL (CRS-2P)	114.0	T	\$792.50	\$90,345.00
4	COVER MATERIAL (CM-11)	1,094.6	T	\$87.00	\$95,230.20
5	LOWER MANHOLE FRAME & COVER FOR MILLING OPERATIONS	17.0	EA	\$423.25	\$7,195.25
6	LOWER SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES FOR MILLING OPERATIONS	1.0	EA	\$423.25	\$423.25
7	LOWER WATER VALVE BOX FOR MILLING OPERATION	40.0	EA	\$423.25	\$16,930.00
8	REMOVE AND REPLACE PAVEMENT (4" AC/6" ABC [C-3/4"]) PATCH REBUILD / PATCH - INCLUDES REMOVALS	4,044.8	SY	\$78.00	\$315,494.40
9	REMOVE AND REPLACE CONCRETE APRON & VALLEY GUTTER	418.0	SF	\$33.10	\$13,835.80
10	REMOVE AND REPLACE CONCRETE DRIVEWAY 8" PCC (INCLUDING 6"ABC)	3,178.0	SF	\$33.15	\$105,350.70
11	REMOVE AND REPLACE CURB AND GUTTER (ROLL- INCLUDING 3" ABC)	611.0	LF	\$45.45	\$27,769.95
12	REMOVE AND REPLACE CURB AND GUTTER (VERTICAL-INCLUDING 3"ABC)	908.0	LF	\$50.60	\$45,944.80
13	REMOVE AND REPLACE CURB IN APRON	447.0	LF	\$58.00	\$25,926.00
14	REMOVE AND REPLACE SCUPPER	1.0	EA	\$10,185.00	\$10,185.00
15	REMOVE AND REPLACE SIDEWALK (INCLUDING 3"ABC)	2,840.0	SF	\$12.80	\$36,352.00
16	INFILL SIDEWALK-NEW 5" CONCRETE SIDEWALK 4" PCC/3" ABC, INCLUDES CLEAR & GRUB & LANDSCAPE MATCHBACK	9,000.0	SF	\$14.60	\$131,400.00
17	REMOVE AND DISPOSE OVER SIZED CONCRETE MANHOLE COLLAR	10.0	EA	\$302.50	\$3,025.00
18	REMOVE AND DISPOSE OF OVERSIZED CONCRETE VALVE CAN COLLAR	10.0	EA	\$302.50	\$3,025.00
19	REMOVE RAMP & INSTALL DETECTABLE WARNING (RETROFIT DOMES)INCLUDING 3" ABC	44.0	EA	\$2,523.00	\$111,012.00
20	REMOVE RAMP & INSTALL DETECTABLE WARNING (PARALLEL RAMP AND DOMES) INCLUDING 3" ABC	8.0	EA	\$3,055.00	\$24,440.00
21	PAVEMENT MILLING	46,038.1	SY	\$3.10	\$142,718.11
22	TACK COAT (SS-1H)	10.00	T	\$1,400.00	\$14,000.00
23	MODIFIED ASPHALTIC CONCRETE (1/2" MIX)	2,966.90	T	\$142.60	\$423,079.94
24	MODIFIED ASPHALTIC CONCRETE (3/4" MIX)-2" DEPTH-WALGREENS (INDUSTRIAL TO TRUCK ENTRANCE)	432.20	T	\$130.00	\$56,186.00
25	ADJUST MANHOLE FRAME & COVER (CITY DTL 9-03-062)	14.0	EA	\$658.50	\$9,219.00
26	ADJUST WATER VALVE FRAME & COVER TO FINISHED GRADE (REMOVE/REPLACE WITH NEW HARDWARE TO NUT)	41.0	EA	\$945.00	\$38,745.00
27	ADJUST SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES (CITY DTL 9-03-062)	2.0	EA	\$628.00	\$1,256.00
28	ADJUST METER BOX IN SIDEWALK	1.0	EA	\$500.00	\$500.00
29	REMOVE AND REPLACE SURVEY MONUMENTS	15.0	EA	\$344.00	\$5,160.00
30	TRAFFIC CONTROL	1.0	LS	\$368,876.00	\$368,876.00
31	CONSTRUCTION SURVEY	1.0	LS	\$11,800.00	\$11,800.00
32	STRIPING AND MARKING	1.0	LS	\$63,884.50	\$63,884.50
33	STEVANNA-REMOVE AND REPLACE PAVEMENT (4" AC/8"ABC[C-3/4"]) REBUILD-INCLUDES REMOVALS	4,772.0	SY	\$53.00	\$252,916.00
34	GRANDVIEW-REMOVE AND REPLACE PAVEMENT (4" AC/8"ABC[C-3/4"]) REBUILD-INCLUDES REMOVALS	5,059.0	SY	\$53.10	\$268,632.90
35	SUBGRADE STABILIZATION-OVER EXCAVATE AND IS TALL 12" ABC ON BIAIXIAL GEOGRID	4,672.0	SY	\$42.20	\$197,158.40
36	LA QUINTA CUL-DE-SAC - R / R . PAVEMENT(4"AC/8"ABC [C 3/4]) REBUILD INCLUDES REMOVALS	697.0	SY	\$80.00	\$55,760.00

TOTAL COST= \$3,240,640.50

2022 COF STREETS

Schedule of Values

INFILL CONCRETE

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
40	REMOVE & DISPOSE TREE	6.0	EA	\$700.00	\$4,200.00
41	CLEAR AND GRUB	1.0	LS	\$27,835.00	\$27,835.00
42	SIDEWALK (4" PCC/3" ABC)	15,101.0	SF	\$15.00	\$226,515.00
43	ADOT SIDEWALK (4" PCC/3" ABC)	3,633.0	SF	\$16.00	\$58,128.00
44	SIDEWALK BUMPOUT	1.0	EA	\$2,660.00	\$2,660.00
45	SIDEWALK BUMP-IN	1.0	EA	\$2,660.00	\$2,660.00
46	SIDEWALK TERMINATION	10.0	EA	\$200.00	\$2,000.00
47	CONCRETE THICKENED EDGE	211.0	LF	\$27.50	\$5,802.50
48	CONCRETE TURNDOWN	1,041.0	LF	\$28.60	\$29,772.60
49	TYPE 'A' CURB & GUTTER (MAG 220)	1,786.0	LF	\$41.40	\$73,940.40
50	TYPE 'D' CURB & GUTTER (MAG 220)	111.0	LF	\$39.35	\$4,367.85
51	TYPE 'D' CURB & GUTTER (ADOT C-05.10)	422.0	LF	\$59.40	\$25,066.80
52	6" INTEGRAL CURB	152.0	LF	\$42.00	\$6,384.00
53	CURB RAMP (MAG 238-1)	10.0	EA	\$3,055.00	\$30,550.00
54	PERPENDICULAR CURB RAMP (MAG 238-1)	1.0	EA	\$3,055.00	\$3,055.00
55	PARALLEL CURB RAMP (MAG 238-3)	1.0	EA	\$8,680.00	\$8,680.00
56	TYPE 'A' CURB RAMP (ADOT C-05.30)	2.0	EA	\$9,430.00	\$18,860.00
57	DRIVEWAY WITH 3' SIDEWALK (MAG 250-2)	2,897.0	SF	\$30.20	\$87,489.40
58	COMMERCIAL DRIVEWAY WITH 3' SIDEWALK (MAG 250-2)	1,318.0	SF	\$32.00	\$42,176.00
59	ALLEY DRIVEWAY ENTRANCE (MAG 262)	260.0	SF	\$32.00	\$8,320.00
60	ADOT DRIVEWAY w/DETACHED SIDEWALK (ADOT C-05.20)	399.0	SF	\$32.00	\$12,768.00
61	ADA DRIVEWAY RETROFIT	147.0	SF	\$43.00	\$6,321.00
62	ASPHALT DRIVEWAY MATCHUP	379.00	SY	\$56.00	\$21,224.00
63	CONCRETE DRIVEWAY MATCHUP	1,998.00	SF	\$26.60	\$53,146.80
64	ROADWAY ASPHALT MATCHUP PATCH	999.00	SY	\$56.30	\$56,243.70
65	REINSTALL SIGN ON NEW POST & FOOTING (ADOT S-3)	11.00	EA	\$280.00	\$3,080.00
66	SALVAGE AND REINSTALL MAILBOX ON NEW POST	12.0	EA	\$300.00	\$3,600.00
67	RELOCATE FIRE HYDRANTRE	2.0	EA	\$20,000.00	\$40,000.00
68	LOCATE STREET LIGHT	3.0	EA	\$20,000.00	\$60,000.00
69	TYPE 'G' CATCH BASIN (MAG 537)	1.0	EA	\$9,750.00	\$9,750.00
70	METAL SCUPPER (MAG 203)	1.0	EA	\$10,685.00	\$10,685.00
71	MANHOLE ADJUSTMENT (MAG 422-1)	1.0	EA	\$20,000.00	\$20,000.00
72	GUARDRAIL PER ADOT STANDARD DETAIL C-10.04)	211.0	LF	\$94.79	\$20,000.69
73	INFILL SIDEWALK (STRUCTURAL RETAINING WALL, GUARD RAIL, CATCHBASIN, ECT.)	1.0	LS	\$20,000.00	\$20,000.00
74	INFILL CONSTRUCTION SURVEY	1.0	LS	\$20,000.00	\$20,000.00
75	INFILL TRAFFIC CONTROL	1.0	LS	\$185,000.00	\$185,000.00

TOTAL COST= \$1,210,281.74

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
1	CRACK SEALING (CHIP SEAL STRTEETS + MILL, & OVERLAY STREETS)	SUBCONTRACTOR	31.0	T	\$3,900.00	\$120,900.00	
		MATERIALS				\$0.00	
		EQUIPMENT				\$0.00	
		LABOR			\$50.00	\$1,550.00	
			31.0	T	\$3,950.00	Total: \$122,450.00	
2	MILL & FILL LARGE THERMAL CRACK (2 inch depth and 2 feet wide)INSTALL ASPHALT INTO MILLED AREAS	SUBCONTRACTOR	8,159.0	LF	\$0.00	\$0.00	
		MATERIALS			\$3.25	\$26,516.75	
		EQUIPMENT			\$8.23	\$67,148.57	
		LABOR			\$6.22	\$50,748.98	
			8159.0	LF	\$17.70	Total: \$144,414.30	
3	BITUMINOUS MATERIAL (CRS-2P)	SUBCONTRACTOR	114.0	T	\$99.00	\$11,286.00	
		MATERIALS			\$526.00	\$59,964.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$167.50	\$19,095.00	
			114.0	T	\$792.50	Total: \$90,345.00	
4	COVER MATERIAL (CM-11)	SUBCONTRACTOR	1094.6	T	\$0.00	\$0.00	
		MATERIALS			\$44.00	\$48,162.40	
		EQUIPMENT			\$31.00	\$33,932.60	
		LABOR			\$12.00	\$13,135.20	
			1094.6	T	\$87.00	Total: \$95,230.20	
5	LOWER MANHOLE FRAME & COVER FOR MILLING OPERATIONS	SUBCONTRACTOR	17.0	EA	\$365.00	\$6,205.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$58.25	\$990.25	
			17.0	EA	\$423.25	Total: \$7,195.25	
6	LOWER SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES FOR MILLING OPERATIONS	SUBCONTRACTOR	1.0	EA	\$365.00	\$365.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$58.25	\$58.25	
			1.0	EA	\$423.25	Total: \$423.25	\$423.25



BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
7	LOWER WATER VALVE BOX FOR MILLING OPERATION	SUBCONTRACTOR	40.0	EA	\$365.00	\$14,600.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$58.25	\$2,330.00	
			40.0	EA	\$423.25	Total: \$16,930.00	
8	REMOVE AND REPLACE PAVEMENT (4" AC/6" ABC [C-3/4"]) PATCH REBUILD / PATCH - INCLUDES REMOVALS	SUBCONTRACTOR	4,044.80	SY	\$0.00	\$0.00	
		MATERIALS			\$23.70	\$95,861.76	
		EQUIPMENT			\$41.25	\$166,848.00	
		LABOR			\$13.05	\$52,784.64	
			4,044.80	SY	\$78.00	Total: \$315,494.40	
9	REMOVE AND REPLACE CONCRETE APRON & VALLEY GUTTER	SUBCONTRACTOR	418.0	SF	\$13.20	\$5,517.60	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$6.90	\$2,884.20	
		LABOR			\$13.00	\$5,434.00	
			418.0	SF	\$33.10	Total: \$13,835.80	
10	REMOVE AND REPLACE CONCRETE DRIVEWAY 8" PCC (INCLUDING. 6"ABC)	SUBCONTRACTOR	3,178.00	SF	\$13.20	\$41,949.60	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$6.95	\$22,087.10	
		LABOR			\$13.00	\$41,314.00	
			3,178.00	SF	\$33.15	Total: \$105,350.70	
11	REMOVE AND REPLACE CURB AND GUTTER (ROLL- INCLUDING 3" ABC)	SUBCONTRACTOR	611.00	LF	\$23.50	\$14,358.50	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$8.95	\$5,468.45	
		LABOR			\$13.00	\$7,943.00	
			611.00	LF	\$45.45	Total: \$27,769.95	
12	REMOVE AND REPLACE CURB AND GUTTER (VERTICAL- INCLUDING. 3"ABC)	SUBCONTRACTOR	908.00	LF	\$25.50	\$23,154.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$12.10	\$10,986.80	
		LABOR			\$13.00	\$11,804.00	
			908.00	LF	\$50.60	Total: \$45,944.80	





BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
13	REMOVE AND REPLACE CURB IN APRON	SUBCONTRACTOR	447	LF	\$29.00	\$12,963.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$17.00	\$7,599.00	
		LABOR			\$12.00	\$5,364.00	
			447	LF	\$58.00	Total: \$25,926.00	
14	REMOVE AND REPLACE SCUPPER	SUBCONTRACTOR	1	EA	\$6,500.00	\$6,500.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$2,185.00	\$2,185.00	
		LABOR			\$1,500.00	\$1,500.00	
			1	EA	\$10,185.00	Total: \$10,185.00	
15	REMOVE AND REPLACE SIDEWALK (INCLUDING 3"ABC)	SUBCONTRACTOR	2,840.0	SF	\$6.85	\$19,454.00	
		MATERIALS			\$1.44	\$4,089.60	
		EQUIPMENT			\$2.01	\$5,708.40	
		LABOR			\$2.50	\$7,100.00	
			2,840.0	SF	\$12.80	Total: \$36,352.00	
16	INFILL SIDEWALK-NEW 5' CONCRETE SIDEWALK 4" PCC/3" ABC, INCLUDES CLEAR & GRUB & LANDSCAPE MATCHBACK	SUBCONTRACTOR	9,000.00	SF	\$6.80	\$61,200.00	
		MATERIALS			\$0.67	\$6,030.00	
		EQUIPMENT			\$3.13	\$28,170.00	
		LABOR			\$4.00	\$36,000.00	
			9,000.00	SF	\$14.60	Total: \$131,400.00	
17	REMOVE AND DISPOSE OVER SIZED CONCRETE MANHOLE COLLAR	SUBCONTRACTOR	10.0	EA	\$250.00	\$2,500.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$52.50	\$525.00	
			10.00	EA	\$302.50	Total: \$3,025.00	
18	REMOVE AND DISPOSE OF OVERSIZED CONCRETE VALVE CAN COLLAR	SUBCONTRACTOR	10.00	EA	\$250.00	\$2,500.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$52.50	\$525.00	
			10.00	EA	\$302.50	Total: \$3,025.00	

COST BREAKDOWN REGISTER



BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
19	REMOVE RAMP & INSTALL DETECTABLE WARNING (RETROFIT DOMES) INCLUDING 3" ABC	SUBCONTRACTOR	44.00	EA	\$1,450.00	\$63,800.00	
		MATERIALS			\$340.00	\$14,960.00	
		EQUIPMENT			\$545.45	\$23,999.80	
		LABOR			\$187.55	\$8,252.20	
			44.00	EA	\$2,523.00	Total: \$111,012.00	
20	REMOVE RAMP & INSTALL DETECTABLE WARNING (PARALLEL RAMP AND DOMES) INCLUDING 3" ABC	SUBCONTRACTOR	8.00	EA	\$1,550.00	\$12,400.00	
		MATERIALS			\$405.00	\$3,240.00	
		EQUIPMENT			\$875.00	\$7,000.00	
		LABOR			\$225.00	\$1,800.00	
			8.00	EA	\$3,055.00	Total: \$24,440.00	
21	PAVEMENT MILLING	SUBCONTRACTOR	46,038.10	SY	\$0.00	\$0.00	
		MATERIALS			\$0.05	\$2,301.91	
		EQUIPMENT			\$2.75	\$126,604.78	
		LABOR			\$0.30	\$13,811.43	
			46,038.10	EA	\$3.10	Total: \$142,718.11	
22	TACK COAT (SS-1H)	SUBCONTRACTOR	10.00	T	\$1,162.00	\$11,620.00	
		MATERIALS			\$238.00	\$2,380.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$0.00	\$0.00	
			10.00	T	\$1,400.00	Total: \$14,000.00	
23	MODIFIED ASPHALTIC CONCRETE (1/2" MIX)	SUBCONTRACTOR	2966.9	T	\$0.00	\$0.00	
		MATERIALS			\$121.00	\$358,994.90	
		EQUIPMENT			\$12.60	\$37,382.94	
		LABOR			\$9.00	\$26,702.10	
			2966.9	T	\$142.60	Total: \$423,079.94	
24	MODIFIED ASPHALTIC CONCRETE (3/4" MIX) -2" DEPTH- WALGREENS (INDUSTRIAL TO TRUCK ENTRANCE)	SUBCONTRACTOR	432.2	T	\$0.00	\$0.00	
		MATERIALS			\$121.00	\$52,296.20	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$9.00	\$3,889.80	
			432.2	T	\$130.00	Total: \$56,186.00	

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
25	ADJUST MANHOLE FRAME & COVER (CITY DTL. 9-03-062)	SUBCONTRACTOR	14.00	EA	\$570.00	\$7,980.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$88.50	\$1,239.00	
			14.00	EA	\$658.50	Total:	\$9,219.00
26	ADJUST WATER VALVE FRAME & COVER TO FINISHED GRADE (REMOVE,REPLACE WITH NEW HARDWARE TO NUT)	SUBCONTRACTOR	41.00	EA	\$670.00	\$27,470.00	
		MATERIALS			\$255.00	\$10,455.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$20.00	\$820.00	
			41.00	EA	\$945.00	Total:	\$38,745.00
27	ADJUST SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES (CITY DTL. 9-03-062)	SUBCONTRACTOR	2	EA	\$550.00	\$1,100.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$28.00	\$56.00	
		LABOR			\$50.00	\$100.00	
			2.00	EA	\$628.00	Total:	\$1,256.00
28	ADJUST METER BOX IN SIDEWALK	SUBCONTRACTOR	1	EA	\$0.00	\$0.00	
		MATERIALS			\$100.00	\$100.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$400.00	\$400.00	
			1.00	EA	\$500.00	Total:	\$500.00
29	REMOVE AND REPLACE SURVEY MONUMENTS	SUBCONTRACTOR	15	EA	\$280.00	\$4,200.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$64.00	\$960.00	
			15.00	EA	\$344.00	Total:	\$5,160.00
30	TRAFFIC CONTROL	SUBCONTRACTOR	1	LS	\$343,055.00	\$343,055.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$25,821.00	\$25,821.00	
			1.00	LS	\$368,876.00	Total:	\$368,876.00



BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
31	CONSTRUCTION SURVEY	SUBCONTRACTOR	1	LS	\$8,300.00	\$8,300.00	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$3,500.00	\$3,500.00	
			1.00	LS	\$11,800.00	Total:	\$11,800.00
32	STRIPING AND MARKING	SUBCONTRACTOR	1	LS	\$63,884.50	\$63,884.50	
		MATERIALS			\$0.00	\$0.00	
		EQUIPMENT			\$0.00	\$0.00	
		LABOR			\$0.00	\$0.00	
			1.00	LS	\$63,884.50	Total:	\$63,884.50
33	STEVANNA-REMOVE AND REPLACE PAVEMENT (4" AC/8"ABC[C-3/4"]) REBUILD-INCLUDES REMOVALS	SUBCONTRACTOR	4772	SY	\$0.00	\$0.00	
		MATERIALS			\$28.19	\$134,522.68	
		EQUIPMENT			\$20.00	\$95,440.00	
		LABOR			\$4.81	\$22,953.32	
			4,772.00	SY	\$53.00	Total:	\$252,916.00
34	GRANDVIEW-REMOVE AND REPLACE PAVEMENT (4" AC/8"ABC[C-3/4"]) REBUILD-INCLUDES REMOVALS	SUBCONTRACTOR	5059	SY	\$0.00	\$0.00	
		MATERIALS			\$28.20	\$142,663.80	
		EQUIPMENT			\$20.40	\$103,203.60	
		LABOR			\$4.50	\$22,765.50	
			5,059.00	SY	\$53.10	Total:	\$268,632.90
35	SUBGRADE STABILIZATION-OVER EXCAVATE AND INSTALL 12" ABC ON BIAXIAL GEOGRID	SUBCONTRACTOR	4672	SY	\$0.00	\$0.00	
		MATERIALS			\$8.86	\$41,393.92	
		EQUIPMENT			\$28.59	\$133,572.48	
		LABOR			\$4.75	\$22,192.00	
			4,672.00	SY	\$42.20	Total:	\$197,158.40
36	LA QUINTA CUL-DE-SAC - R / R PAVEMENT(4"AC/8"ABC [C 3/4]) REBUILD INCLUDES REMOVALS	SUBCONTRACTOR	697	SY	\$0.00	\$0.00	
		MATERIALS			\$28.31	\$19,732.07	
		EQUIPMENT			\$37.13	\$25,879.61	
		LABOR			\$14.56	\$10,148.32	
			697.00	SY	\$80.00	Total:	\$55,760.00

Total: \$3,240,640.50



**LIST OF PLANS
AND SPECIFICATIONS**

Flagstaff Street Maintenance Program - 2022
Peak Engineering, Inc. (928) 774-4046

Project No: 01-22001

<u>Drawing No.</u>	<u>Drawing Title</u>	<u>Release Date</u>
C1.0	Cover Sheet	05-2022
C1.1	Notes and Legend	05-2022
C1.2	Details	5-2022
C2.0	Maps	5-2022
C2.1	Maps	5-2022
C2.2	Maps	5-2022
C2.3	Maps	5-2022
C2.4	Maps	5-2022
C2-5	Maps	5-2022
C3.0	Improvement Schedule	5-2022

Infill Sidewalk 75% Plans

C5.0	Site Map
C5.1	Details
C5.2	Site Map
C5.3	Site Map
C5.4	Site Map

Maricopa Association of Governments Uniform Standard Specifications and Details for Public Works
Construction General Provisions

City of Flagstaff Amendments to Maricopa Association of Governments
General Provisions

Peak Engineering, Inc. Special Provisions

LIST
OF
CLARIFICATIONS
AND
ASSUMPTIONS

Clarifications and Assumptions

City of Flagstaff Street Maintenance Program – 2022

1. It is assumed that City of Flagstaff team members will assist the contractor in identifying and marking the stop and start areas for pavement milling and chip seal.
2. If cross-street approaches are to be overlaid, the Engineer shall outline the location and extent of work on cross-streets prior to beginning the work.
3. We realize that no potable water will be utilized on this project. We will need to obtain a permit (no fee) at the Wildcat Hill Waste Water Treatment Plant and will be responsible for complying with all permit requirements.
4. The January 2022 ADOT Index was used to construct the GMP Asphalt prices for this project. Adjustments may have to be made during construction with variances in the Index.
5. It is assumed that during the term of this contract; 2019 MAG and C.O.F. Specifications will govern.
6. The City of Flagstaff will furnish all necessary quality control testing for this project.
7. GMP was built using engineers estimated quantities for striping. No revisions to striping were discussed. Any future revisions will be negotiated.
8. No obliteration of existing striping is included in this GMP.
9. No Thermo will be used on Chip Seal Streets.
 - a) All four-inch Double Solid Yellow will be "Paint"
 - b) All 18-inch Preformed Stop Bars will be "Thermo"
 - c) All four-inch Broken White will be "Paint"
 - d) All four-inch Solid and four-inch Broken Yellow will be "Paint"
 - e) Solid White Edge Line will be "Paint"
 - f) Six-inch Solid White Bike Lane Line "Paint"
 - g) Painted Bike Assembly will be "Thermo"
 - h) Preformed Turn Arrows will be "Thermo"
 - i) Solid White Lane Lines will be "Paint"
 - j) Six-inch Dashed Bike Lane will be "Paint"
 - k) Piano Key Crosswalks will be "Thermo"



PROJECT

MASTER

SCHEDULE

