GMP SUMMARY 2014

STREET MAINTENANCE PROGRAM

GMP SUMMARY

PROJECT NAME:	City of Flagstaff Street Maintenance Program 2014
PROJECT NUMBER:	01-14001
LAST UPDATED:	1/22/2014
OWNER(S):	City of Flagstaff
BILLNG ADDRESS:	211 West Aspen Avenue
JOB SITE ADDRESS:	various locations - **Streets**
OWNER PHONE:	(928) 779-7685

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

GMP SUMMARY					
A	COST OF THE WORK (LABOR, MATERIALS, EQUIPMENT)				$2,507,093.46
B	CM@RISK'S CONTINGENCY				$50,000.00
	INDIRECT COSTS			RATE	$2,557,093.46
C	CONSTRUCTION FEE			4.8%	$153,051.00
D	GENERAL CONDITIONS			9.8%	$312,479.14
	D1	PAYMENT AND PERFORMANCE BOND	$20,024.17	0.628%	
	D2	INSURANCE	$39,538.18	1.24%	
E	SALES TAX		(8.446)	.05204195	$165,939.02
			F. TOTAL GMP		$3,188,562.62
			G. OWNER'S CONTINGENCY		$61,437.00
			H. CONTRACT AMOUNT		$3,249,999.62

CITY OF FLAGSTAFF
GENERAL CONDITIONS ESTIMATE

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PROJECT NUMBER:	01-14001
LAST UPDATED:	1/22/2014
OWNER(S):	City of Flagstaff
BILLNG ADDRESS:	211 West Aspen Avenue
JOB SITE ADDRESS:	various locations **2014 Streets**
OWNER PHONE:	(928) 779-7685

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PHASE #		CATEGORY DESCRIPTION	NOTES / SCOPE	BUDGET
General Requirements				
1		VEHICLE / FUEL ALLOWANCE		$41,584.00
1		PROJECT MANAGER		$56,048.50
1		SUPERINTENDENT		$45,530.20
1		OFFICE PERSONEL		$7,748.04
1		OFFICE SUPPLIES AND EQUIPMENT		$2,247.00
1		SITE MECHANIC & SERVICE TRUCK		$26,333.00
1		TEMP SANITARY FACILITIES		$1,315.00
1		ADDITIONAL PUBLIC NOTICES AND DELIVERY/ LIME / CONCRETE PLASTIC		$3,390.00
		SURVEY		$8,200.00
1		MOBILIZATION		$20,664.00
1		WARRANTY RESERVE	1.25% OF PROJECT	$39,857.05
1		GL INSURANCE	1.24% OF PROJECT	$39,538.18
1		PERFORMANCE BOND	.0062827% OF PROJECT	$20,024.17
TOTAL				$312,479.14

COST SCHEDULE OF VALUES

2014 City Street Maintenance Program

Schedule of Values

C and E Paving & Grading L.L.C.

BID NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	Unit Cost	Cost
1	ADJUST MANHOLE FRAME & COVER (CITY DTL. 9-03-060)	34.0	EA	$532.50	$18,105.00
3	ADJUST WATER VALVE BOX (CITY DTL. 9-03-060)	55.0	EA	$487.00	$26,785.00
5	AIRPORT CRACK FILL	5.9	T	$3,550.00	$20,945.00
6	BITUMINOUS MATERIAL (CRS-2P)	219.4	T	$614.70	$134,865.18
8	CONTRACT ALLOWANCE	1.0	EA	$0.00	$0.00
9	COVER MATERIAL (CM-11)	1880.9	T	$65.90	$123,951.31
10	CRACK SEALING	79.6	T	$3,525.00	$280,590.00
11	HOT MIX ASPHALT - (LARGE THERMAL CRACK FILLER)	160.0	T	$226.20	$36,192.00
12	LOWER MANHOLE FRAME & COVER, SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLDS	4.0	EA	$355.00	$1,420.00
13	MODIFIED ASPHALTIC CONCRETE	5500.0	T	$109.20	$600,600.00
14	ADOT 409 OVERLAY PMRAC PG 64-28TR	6056.0	T	$104.20	$631,035.20
15	PAVEMENT MILLING	69975.6	SY	$2.00	$139,951.20
16	REMOVE AND REPLACE CONCRETE APRON & VALLEY GUTTER	304.0	SF	$19.00	$5,776.00
17	REMOVE AND REPLACE CONCRETE DRIVEWAY (INCLUDING. 6"ABC)	505.0	SF	$19.00	$9,595.00
19	REMOVE AND REPLACE CURB AND GUTTER (VERTICAL- INCLUDING. 3"ABC)	428.4	LF	$34.50	$14,779.80
20	REMOVE AND REPLACE CURB IN APRON	127.0	LF	$35.00	$4,445.00
22	REMOVE AND REPLACE PAVEMENT (4" AC [C-3/4"]) PATCH	112.1	SY	$80.00	$8,968.00
24	REMOVE AND REPLACE SIDEWALK (INCLUDING. 3"ABC)	3454.8	SF	$10.50	$36,275.40
25	REMOVE AND REPLACE SURVEY MONUMENTS	26.0	EA	$160.00	$4,160.00
26	REMOVE RAMP & INSTALL DETACHABLE WARNING (ADA Ramp MAG 235-3) INCLUDING 3" ABC	12.0	EA	$1,905.00	$22,860.00
28	REMOVE, REPLACE & ADJUST WATER VALVE BOX AND COVER	13.0	EA	$678.00	$8,814.00
30	STREET REBUILDING & PATCHING CONTINGENCY	1500.0	SY	$68.00	$102,000.00
31	STRIPING AND MARKING	1.0	LS	$92,906.12	$92,906.12
32	SUPPLY NEW VALVE TOP BOX & COVER	2.0	EA	$175.00	$350.00
33	TACK COAT (SS-1H)	27.3	T	$1,087.50	$29,688.75
34	TRAFFIC CONTROL	1.0	LS	$110,592.00	$110,592.00
37	LOWER WATER VALVE BOX	46.0	EA	$340.00	$15,640.00
38	ADJUST SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLDS (CITY DTL. 9-03-062)	1.0	EA	$465.00	$465.00
41	REMOVE RAMP & RETROFIT DETACHABLE WARNING (ADA Ramp MAG 235-2) INCLUDING 3" ABC	13.0	EA	$1,450.00	$18,850.00
42	6' WIDE SHOULDER BUILD UP ON SOLIERE AVE.	6830.0	LF	$0.95	$6,488.50
				Total=	**$2,507,093.46**

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
1	Adjust Manhole Frame & Cover (City Dtl. 9-03-060)	SUBCONTRACTOR	34.0	EA	$495.00	$16,830.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$1,275.00	
			34.0	EA	$532.50	Total:	$18,105.00
3	Adjust Water Valve Box (City Dtl. 9-03-060)	SUBCONTRACTOR	55.0	EA	$445.00	$24,475.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$2,310.00	
			55.0	EA	$487.00	Total:	$26,785.00
5	Airport Crack Fill	SUBCONTRACTOR	5.9	T	$3,500.00	$20,650.00	
		MATERIALS				$0.00	
		EQUIPMENT				$100.00	
		LABOR				$195.00	
			5.9	T	$3,550.00	Total:	$20,945.00
6	Bituminous Material (CRS-2P)	SUBCONTRACTOR	219.4	T	$89.70	$19,680.18	
		MATERIALS			$525.00	$115,185.00	
		EQUIPMENT					
		LABOR					
			219.4	T	$614.70	Total:	$134,865.18
8	Contract Allowance	SUBCONTRACTOR	1.0	EA	$0.00	$0.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$0.00	
			1.0	EA	$0.00	Total:	$0.00

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
9	Cover Material (CM-11)	SUBCONTRACTOR	1880.9	T		$0.00	
		MATERIALS			$20.00	$37,618.00	
		EQUIPMENT			$34.90	$65,643.41	
		LABOR			$11.00	$20,689.90	
			1880.9	T	$65.90	Total:	$123,951.31
10	Crack Sealing	SUBCONTRACTOR	79.6	T	$3,500.00	$278,600.00	
		MATERIALS				$0.00	
		EQUIPMENT				$673.00	
		LABOR				$1,317.00	
			79.6	T	$3,525.00		$280,590.00
11	Hot Mix Asphalt - (Large Thermal Crack Filler)	SUBCONTRACTOR	160.0	T		$0.00	
		MATERIALS			$72.00	$11,520.00	
		EQUIPMENT			$84.37	$13,499.20	
		LABOR			$69.83	$11,172.80	
			160.0	T	$226.20	Total:	$36,192.00
12	Lower Manhole Frame & Cover, Sewer Cleanout, Blowoffs and Survey Handholds	SUBCONTRACTOR	4.0	EA	$325.00	$1,300.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$30.00	$120.00	
			4.0	EA	$355.00	Total:	$1,420.00
13	Modified Asphaltic Concrete	SUBCONTRACTOR					
	1/2" PMRAC PG64-28TR	MATERIALS	5500.0	T	$97.50	$536,250.00	
		EQUIPMENT				$52,542.80	
		LABOR				$11,807.20	
			5500.0	T	$109.20	Total:	$600,600.00

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
14	ADOT Spec 409 64-28TR Dense Grade	SUBCONTRACTOR					
		MATERIALS	6056.0	T	$92.50	$560,180.00	
		EQUIPMENT				$55,205.00	
		LABOR				$15,650.20	
			6056.0	T	$104.20	Total:	$631,035.20
15	Pavement Milling	SUBCONTRACTOR	69975.6	S.Y.	$1.85	$129,454.86	
		MATERIALS				$490.00	
		EQUIPMENT				$7,207.00	
		LABOR				$2,799.34	
			69975.6	SY	$2.00	Total:	$139,951.20
16	Remove and Replace Concrete Apron & Valley Gutter	SUBCONTRACTOR	304.0	SF	$7.50	$2,280.00	
		MATERIALS				$195.00	
		EQUIPMENT				$856.00	
		LABOR				$2,445.00	
			304.0	SF	$19.00	Total:	$5,776.00
17	Remove and Replace Concrete Driveway (Inlcuding 6" ABC)	SUBCONTRACTOR	505.0	SF	$7.50	$3,787.50	
		MATERIALS				$287.00	
		EQUIPMENT				$1,422.00	
		LABOR				$4,098.50	
			505.0	SF	$19.00	Total:	$9,595.00
19	Remove and Replace Curb and Gutter (Vertical-Including 3" ABC)	SUBCONTRACTOR	428.4	LF	$16.50	$7,068.60	
		MATERIALS				$310.00	
		EQUIPMENT				$3,195.00	
		LABOR				$4,206.20	
			428.4	LF	$34.50	Total:	$14,779.80

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
20	Remove and Replace Curb in Apron	SUBCONTRACTOR	127.0	LF	$17.00	$2,159.00	
		MATERIALS				$94.00	
		EQUIPMENT				$960.00	
		LABOR				$1,232.00	
			127.0	LF	$35.00	Total:	$4,445.00
22	Remove and Replace Pavement (4" AC[C-3/4"])Patch	SUBCONTRACTOR					
		MATERIALS	112.1	SY	$17.00	$1,905.70	
		EQUIPMENT				$2,747.50	
		LABOR				$4,314.80	
			112.1	SY	$80.00	Total:	$8,968.00
24	Remove and Replace Sidewalk (Including 3" ABC)	SUBCONTRACTOR	3454.8	SF	3.95	$13,646.46	
		MATERIALS				$700.00	
		EQUIPMENT				$5,067.00	
		LABOR				$16,861.94	
			3454.8	SF	$10.50	Total:	$36,275.40
25	Remove and Replace Survey Monuments	SUBCONTRACTOR	26.0	EA	150.00	$3,900.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$260.00	
			26.0	EA	$160.00	Total:	$4,160.00
26	Remove Ramp & Install Detachable Warning (ADA Ramp MAG 235-3) Including 3" ABC	SUBCONTRACTOR	12.0	EA	975.00	$11,700.00	
		MATERIALS				$268.00	
		EQUIPMENT				$3,992.00	
		LABOR				$6,900.00	
			12.0	EA	$1,905.00	Total:	$22,860.00

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
28	Remove, Replace & Adjust Water Valve Box and Cover	SUBCONTRACTOR	13.0	EA	$620.00	$8,060.00	
		MATERIALS				$0.00	
		EQUIPMENT				$118.00	
		LABOR				$636.00	
			13.0	EA	$678.00	Total	$8,814.00
30	Street Rebuilding & Patching Contingency	SUBCONTRACTOR					
		MATERIALS	1500.0	S.Y.		$36,141.00	
		EQUIPMENT				$45,406.00	
		LABOR				$20,453.00	
			1500.0	S.Y.	$68.00	Total:	$102,000.00
31	Striping and Marking	SUBCONTRACTOR	1.0	LS	$92,906.12	$92,906.12	
		MATERIALS					
		EQUIPMENT					
		LABOR					
			1.0	LS	$92,906.12	Total:	$92,906.12
32	Supply New Valve Top Box & Cover	SUBCONTRACTOR	2.0	EA	$175.00	$350.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$0.00	
			2.0	EA	$175.00	Total:	$350.00
33	Tack Coat (SS-1H)	SUBCONTRACTOR	27.3	T	$617.50	$16,857.75	
		MATERIALS			$470.00	$12,831.00	
		EQUIPMENT					
		LABOR					
			27.3	T	$1,087.50	Total:	$29,688.75

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
34	Traffic Control	SUBCONTRACTOR	1.0	L.S.		$103,930.00	
		MATERIALS				$266.00	
		EQUIPMENT				$1,575.00	
		LABOR				$4,821.00	
			1.0	L.S.	$110,592.00	Total:	$110,592.00
37	Lower Water Valve Box	SUBCONTRACTOR	46.0	EA	$325.00	$14,950.00	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$690.00	
			46.0	EA	$340.00	Total:	$15,640.00
38	Adjust Sewer Cleanout, Blowoffs and Survey Handholds (City Dtl. 9-03-062)	SUBCONTRACTOR	1.0	EA	$445.00	$445.00	
		MATERIALS					
		EQUIPMENT					
		LABOR				$20.00	
			1.0	EA	$465.00	Total:	$465.00
41	Remove Ramp & Retrofit Detachable Warning (ADA Ramp MAG 235-2) Including 3" ABC	SUBCONTRACTOR	13.0	EA	$702.00	$9,126.00	
		MATERIALS				$216.00	
		EQUIPMENT				$3,164.00	
		LABOR				$6,344.00	
			13.0	EA	$1,450.00	Total:	$18,850.00
42	6' Wide Shoulder Build Up On Soliere Ave. (City Dtl. 9-03-062)	SUBCONTRACTOR	6830.0	LF		$0.00	
		MATERIALS				$0.00	
		EQUIPMENT				$4,930.00	
		LABOR				$1,558.50	
			6830.0	LF	$0.95	Total:	$6,488.50

Total: $2,507,093.46

LIST OF PLANS AND SPECIFICATIONS

Flagstaff Street Maintenance Program - 2014
Plateau Engineering (928) 556-0311

Project No: 01-14001

Drawing No.	Drawing Title	Release Date
1 of 4	Cover Sheet	January - 2014
2 of 4	Notes and Details	January - 2014
3 of 4	Key Maps for Overlay & Chip Seal	January - 2014
4 of 4	Improvement Schedule and Quantities	January - 2014

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

Plateau Engineering Special Provisions

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PAVING & GRADING
L.L.C.

LIST

OF

CLARIFICATIONS

AND

ASSUMPTIONS

Project No: 01-14001

Account No: 040-3332-600

Clarifications and Assumptions

City of Flagstaff Street Maintenance Program – 2014 – Streets

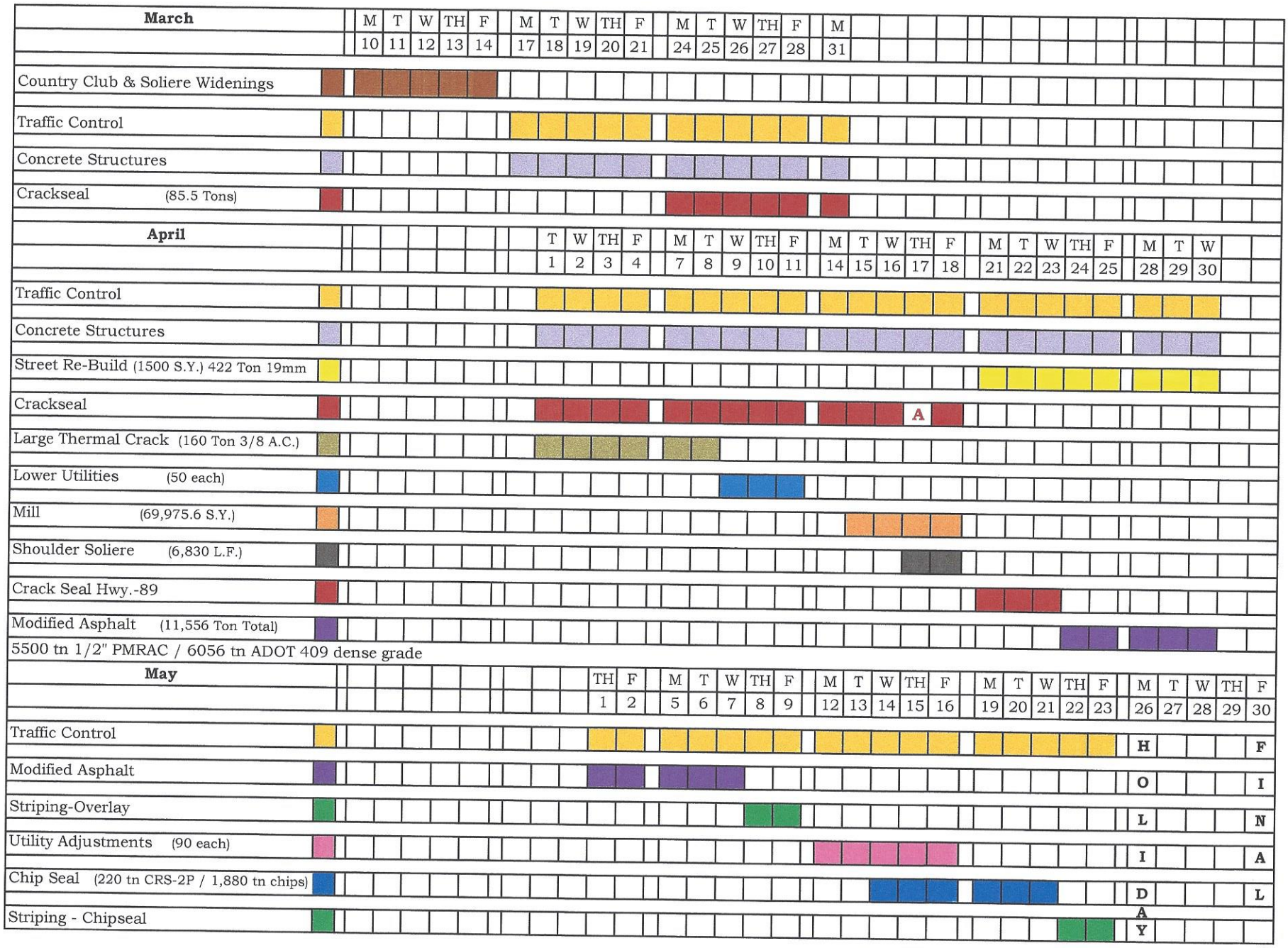
1. It is assumed that City of Flagstaff team members will assist the contractor in identifying and marking the stop and start areas for pavement milling and chip seal.
2. If cross-street approaches are to be overlaid, the Engineer shall outline the location and extent of work on cross-streets prior to 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 2014 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; 2013 MAG and C.O.F. Specifications will govern.
6. The City of Flagstaff will furnish all necessary quality control testing for this project.
7. It is assumed that Highway 89-A will be milled at night time. These millings will be hauled to a stockpile site on Highway 66 behind the Flagstaff Mall. Millings will be dumped at this site and if necessary will be pushed into stockpile by City of Flagstaff equipment and forces. Taper milling from Soliere Avenue and Country Club Drive will be hauled to Soliere Avenue where they will be used for 6 feet wide shoulder build-up.

PROJECT

MASTER

SCHEDULE

C AND E PAVING & GRADING L.L.C.

City of Flagstaff
2014 City Street Maintenance Program
Project No: 01-14001

TENTATIVE SCHEDULE