GMP SUMMARY
2015

STREET MAINTENANCE PROGRAM

PROJECT NO: 01-15001

ASPHALT OVERLAY

PHASE 2

GMP # 3

GMP SUMMARY

PROJECT NAME:	City of Flagstaff Street Maintenance Program 2015
PROJECT NUMBER:	01-15001 **Phase 2**
LAST UPDATED:	5/15/2015
OWNER(S):	City of Flagstaff
BILLNG ADDRESS:	211 West Aspen Avenue
JOB SITE ADDRESS:	various locations - **2015 Asphalt Overlay**
OWNER PHONE:	(928) 213-2108

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

GMP SUMMARY					
A	COST OF THE WORK (LABOR, MATERIALS, EQUIPMENT)				$2,146,175.65
B	CM@RISK'S CONTINGENCY				$75,000.00
	INDIRECT COSTS			RATE	$2,221,175.65
C	CONSTRUCTION FEE			4.9%	$133,434.42
D	GENERAL CONDITIONS			9.8%	$272,428.60
	D1	PAYMENT AND PERFORMANCE BOND	$17,457.67	0.628%	
	D2	INSURANCE	$34,470.56	1.24%	
E	SALES TAX			0.054983	$152,845.04
			F. TOTAL GMP		$2,779,883.71
			G. OWNER'S CONTINGENCY		$125,000.00
			H. CONTRACT AMOUNT		$2,904,883.71

CITY OF FLAGSTAFF
GENERAL CONDITIONS ESTIMATE

PROJECT NAME:	City of Flagstaff Street Maintenance Program - 2015
PROJECT NUMBER:	01-15001 **Phase 2**
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PHASE #		CATEGORY DESCRIPTION	NOTES / SCOPE	BUDGET
General Requirements				
1		VEHICLE / FUEL ALLOWANCE		$36,254.00
1		PROJECT MANAGER		$48,860.00
1		SUPERINTENDENT		$39,690.00
1		OFFICE PERSONEL		$6,756.82
1		OFFICE SUPPLIES AND EQUIPMENT		$1,965.00
1		SITE MECHANIC & SERVICE TRUCK		$22,957.00
1		TEMP SANITARY FACILITIES		$1,114.00
1		ADDITIONAL PUBLIC NOTICES AND DELIVERY/ LIME / CONCRETE PLASTIC		$2,955.00
		SURVEY		$6,300.00
1		MOBILIZATION		$18,900.00
1		WARRANTY RESERVE	1.25% OF PROJECT	$34,748.55
1		GL INSURANCE	1.24% OF PROJECT	$34,470.56
1		PERFORMANCE BOND	.0062827% OF PROJECT	$17,457.67
TOTAL				$272,428.60

COST SCHEDULE OF VALUES

2015 City Street Maintenance Program

Schedule of Values

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

BID NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
1	ADJUST MANHOLE FRAME & COVER (CITY DTL. 9-03-060)	47.0	EA	$575.00	$27,025.00
2	OWNER CONTINGENCY	1.0	EA	$0.00	$0.00
3	CRACK SEALING	34.1	T	$3,350.00	$114,235.00
4	HOT MIX ASPHALT - (LARGE THERMAL CRACK FILLER)	300	T	$242.25	$72,675.00
5	LOWER MANHOLE FRAME & COVER, SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES	16	EA	$382.00	$6,112.00
6	MODIFIED ASPHALTIC CONCRETE	8,957.5	T	$110.00	$985,325.00
7	PAVEMENT MILLING	82,630.2	SY	$2.73	$225,580.45
8	REMOVE AND REPLACE CONCRETE APRON & VALLEY GUTTER	880.5	SF	$19.20	$16,905.60
9	REMOVE AND REPLACE CONCRETE DRIVEWAY (INCLUDING. 6"ABC)	1,376.7	SF	$19.20	$26,432.64
10	REMOVE AND REPLACE CURB AND GUTTER (ROLL- IN CLUDING 3" ABC)	772	LF	$34.10	$26,325.20
11	REMOVE AND REPLACE CURB AND GUTTER (VERTICAL- INCLUDING. 3"ABC)	475.2	LF	$34.60	$16,441.92
12	REMOVE AND REPLACE CURB IN APRON	490	LF	$35.00	$17,150.00
13	REMOVE AND REPLACE METER BOX IN ASPHALT (WITH CONCRETE COLLAR)	1	EA	$500.00	$500.00
14	REMOVE AND REPLACE PAVEMENT (4" AC [C-3/4"]) PATCH	421.5	SY	$75.82	$31,958.13
15	REMOVE AND REPLACE SIDEWALK (INCLUDING. 3"ABC)	7,940.9	SF	$10.50	$83,379.45
16	REMOVE AND REPLACE SURVEY MONUMENTS	27	EA	$160.00	$4,320.00
17	REMOVE RAMP & INSTALL DETACHABLE WARNING (ADA Ramp MAG 235-3) INCLUDING 3" ABC	22	EA	$1,906.00	$41,932.00
18	REMOVE, REPLACE & ADJUST WATER VALVE BOX AND COVER	67	EA	$731.00	$48,977.00
19	STREET REBUILDING & PATCHING CONTINGENCY	1,000	SY	$58.00	$58,000.00
20	STRIPING AND MARKING	1	LS	24018.14	$24,018.14
21	TACK COAT (SS-1H)	23.9	T	$1,140.00	$27,246.00
22	TRAFFIC CONTROL	1	LS	$234,769.12	$234,769.12
23	LOWER WATER VALVE BOX	42	EA	$366.00	$15,372.00
24	ADJUST SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLDS (CITY DTL. 9-03-062)	8	EA	$507.00	$4,056.00
25	MANHOLE RECONSTRUCT	0	EA	$0.00	$0.00
26	REMOVE RAMP & RETROFIT DETECTABLE WARNING (INCLUDING 3" ABC)	26	EA	$1,440.00	$37,440.00
27	CMAR CONTINGENCY	1	EA	$0.00	$0.00

TOTAL= $2,146,175.65

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-(	SUBCONTRACTOR	47	EA	$535.00	$25,145.00	
		MATERIALS					
		EQUIPMENT					
		LABOR			$40.00	$1,880.00	
			47	EA	$575.00	Total:	$27,025.00
2	OWNER CONTINGENCY	SUBCONTRACTOR	1	EA	$0.00	$0.00	
		MATERIALS					
		EQUIPMENT					
		LABOR				$0.00	
			1	EA	$0.00	Total:	$0.00
3	CRACK SEALING	SUBCONTRACTOR	34.1	T	$3,300.00	$112,530.00	
		MATERIALS					
		EQUIPMENT			$6.00	$204.60	
		LABOR			$44.00	$1,500.40	
			34.1	T	$3,350.00	Total:	$114,235.00
4	HOT MIX ASPHALT - (LARGE THERMAL CRACK FILLER)	SUBCONTRACTOR	300	T	$0.00	$0.00	
		MATERIALS			$72.00	$21,600.00	
		EQUIPMENT			$100.77	$30,231.00	
		LABOR			$69.48	$20,844.00	
			300	T	$242.25	Total:	$72,675.00
5	LOWER MANHOLE FRAME & COVER, SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLES	SUBCONTRACTOR	16	EA	$350.00	$5,600.00	
		MATERIALS					
		EQUIPMENT					
		LABOR			$32.00	$512.00	
			16	EA	$382.00	Total:	$6,112.00

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
6	MODIFIED ASPHALTIC CONCRETE	SUBCONTRACTOR					
		MATERIALS	8,957.5	T	$97.50	$873,356.25	
		EQUIPMENT			$10.12	$90,649.90	
		LABOR			$2.38	$21,318.85	
			8,957.5	T	$110.00	Total:	$985,325.00
7	PAVEMENT MILLING	SUBCONTRACTOR	82,630.2	SY	$2.63	$217,317.43	
		MATERIALS			$0.01	$826.30	
		EQUIPMENT			$0.08	$6,610.42	
		LABOR			$0.01	$826.30	
			82,630.2	SY	$2.73	Total:	$225,580.45
8	REMOVE AND REPLACE CONCRETE APRON & VALLEY GUTTER	SUBCONTRACTOR	880.5	SF	$7.55	$6,647.78	
		MATERIALS			$0.20	$176.10	
		EQUIPMENT			$3.33	$2,932.07	
		LABOR			$8.12	$7,149.66	
			880.5	SF	$19.20	Total:	$16,905.60
9	REMOVE AND REPLACE CONCRETE DRIVEWAY (INCLUDING. 6"ABC)	SUBCONTRACTOR	1,376.7	SF	$7.55	$10,394.09	
		MATERIALS			$0.20	$275.34	
		EQUIPMENT			$3.33	$4,584.41	
		LABOR			$8.12	$11,178.80	
			1,376.7	SF	$19.20	Total:	$26,432.64
10	REMOVE AND REPLACE CURB AND GUTTER (ROLL-IN CLUDING 3" ABC)	SUBCONTRACTOR	772	LF	$16.00	$12,352.00	
		MATERIALS			$0.35	$270.20	
		EQUIPMENT			$8.04	$6,206.88	
		LABOR			$9.71	$7,496.12	
			772	LF	$34.10	Total:	$26,325.20

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
11	REMOVE AND REPLACE CURB AND GUTTER (VERTICAL- INCLUDING. 3"ABC)	SUBCONTRACTOR	475.2	LF	$16.50	$7,840.80	
		MATERIALS			$0.36	$171.07	
		EQUIPMENT			$7.74	$3,678.05	
		LABOR			$10.00	$4,752.00	
			475.2	LF	$34.60	Total:	$16,441.92
12	REMOVE AND REPLACE CURB IN APRON	SUBCONTRACTOR	490	LF	$17.00	$8,330.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$8.29	$4,062.10	
		LABOR			$9.71	$4,757.90	
			490	LF	$35.00	Total:	$17,150.00
13	REMOVE AND REPLACE METER BOX IN ASPHALT (WITH CONCRETE COLLAR)	SUBCONTRACTOR	1	EA	$0.00	$0.00	
		MATERIALS			$50.00	$50.00	
		EQUIPMENT			$200.00	$200.00	
		LABOR			$250.00	$250.00	
			1	EA	$500.00	Total:	$500.00
14	REMOVE AND REPLACE PAVEMENT (4" AC [C-3/4"]) PATCH	SUBCONTRACTOR	421.5	SY	$0.00	$0.00	
		MATERIALS			$24.77	$10,440.56	
		EQUIPMENT			$30.67	$12,927.41	
		LABOR			$20.38	$8,590.17	
			421.5	SY	$75.82	Total:	$31,958.13
15	REMOVE AND REPLACE SIDEWALK (INCLUDING. 3"ABC)	SUBCONTRACTOR	7,940.9	SF	$3.95	$31,366.56	
		MATERIALS			$0.11	$873.50	
		EQUIPMENT			$2.07	$16,437.66	
		LABOR			$4.37	$34,701.73	
			7,940.9	SF	$10.50	Total:	$83,379.45

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
16	REMOVE AND REPLACE SURVEY MONUMENTS	SUBCONTRACTOR	27	EA	$150.00	$4,050.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$10.00	$270.00	
			27	EA	$160.00	Total:	$4,320.00
17	REMOVE RAMP & INSTALL DETACHABLE WARNING (ADA Ramp MAG 235-3) INCLUDING 3" ABC	SUBCONTRACTOR	22	EA	975.00	$21,450.00	
		MATERIALS			$19.33	$425.26	
		EQUIPMENT			$336.67	$7,406.74	
		LABOR			$575.00	$12,650.00	
			22	EA	$1,906.00	Total:	$41,932.00
18	REMOVE, REPLACE & ADJUST WATER VALVE BOX AND COVER	SUBCONTRACTOR	67	EA	545.00	$36,515.00	
		MATERIALS			$169.58	$11,361.86	
		EQUIPMENT			$4.08	$273.36	
		LABOR			$12.34	$826.78	
			67	EA	$731.00	Total:	$48,977.00
19	STREET REBUILDING & PATCHING CONTINGENCY	SUBCONTRACTOR	1,000	SY	0.00	$0.00	
		MATERIALS			$25.96	$25,960.00	
		EQUIPMENT			$21.22	$21,220.00	
		LABOR			$10.82	$10,820.00	
			1,000	SY	$58.00	Total:	$58,000.00
20	STRIPING AND MARKING	SUBCONTRACTOR	1	LS	24018.14	$24,018.14	
		HARDWARE			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$0.00	$0.00	
			1	LS	$24,018.14	Total:	$24,018.14

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
21	TACK COAT (SS-1H)	SUBCONTRACTOR	23.9	T	$640.00	$15,296.00	
		MATERIALS			$500.00	$11,950.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$0.00	$0.00	
			23.9	T	$1,140.00	Total	$27,246.00
22	TRAFFIC CONTROL	SUBCONTRACTOR	1	LS	$234,769.12	$234,769.12	
		MATERIALS				$0.00	
		EQUIPMENT				$0.00	
		LABOR				$0.00	
			1	LS	$234,769.12	Total:	$234,769.12
23	LOWER WATER VALVE BOX	SUBCONTRACTOR	42	EA	$350.00	$14,700.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$16.00	$672.00	
			42	EA	$366.00	Total:	$15,372.00
24	ADJUST SEWER CLEANOUT, BLOWOFFS AND SURVEY HANDHOLDS (CITY DTL. 9-03-062)	SUBCONTRACTOR	8	EA	$485.00	$3,880.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$22.00	$176.00	
			8	EA	$507.00	Total:	$4,056.00
25	MANHOLE RECONSTRUCT	SUBCONTRACTOR	-	EA	$0.00	$0.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$0.00	$0.00	
			-	EA	$0.00	Total:	$0.00

BID NO.	BID ITEM	DESCRIPTION	FORECAST QUANTITIES	UNIT	UNIT COST	UNIT COST FORECAST	TOTAL COST FORECAST
26	REMOVE RAMP & RETROFIT DETECTABLE WARNING (INCLUDING 3" ABC)	SUBCONTRACTOR	26	EA	$690.00	$17,940.00	
		MATERIALS			$14.38	$373.88	
		EQUIPMENT			$251.77	$6,546.02	
		LABOR			$483.85	$12,580.10	
			26	EA	$1,440.00	Total	$37,440.00
27	CMAR CONTINGENCY	SUBCONTRACTOR	1	EA	$0.00	$0.00	
		MATERIALS			$0.00	$0.00	
		EQUIPMENT			$0.00	$0.00	
		LABOR			$0.00	$0.00	
			1	EA	$0.00	Total:	$0.00

Total: $2,146,175.65

LIST OF PLANS AND SPECIFICATIONS

Flagstaff Street Maintenance Program - 2015
Plateau Engineering (928) 556-0311

Project No: 01-15001
Phase 2

Drawing No.	Drawing Title	Release Date
1 of 5	Cover Sheet	
2 of 5	Notes and Details	
3 of 5	Key Maps for Overlay	
4 of 5	Key Maps for Overlay	
5 of 5	Improvement Schedule and Quantities for Overlay	

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

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

LIST

OF

CLARIFICATIONS

AND

ASSUMPTIONS

Project No: 01-15001

Clarifications and Assumptions - GMP #3 Phase 2

City of Flagstaff Street Maintenance Program – 2015 – Asphalt Overlay

1. Item # 18: Remove, Replace & Adjust water valve box and cover
   Due to not knowing the exact depth of all water lines, C and E Paving has estimated the cost for new hardware to be installed. C and E Paving has estimated the cost for new hardware to be $11361.86. If the new hardware cost is more than the estimate, the funds for paying for this hardware will need to come out of the GMP; CM@Risk or Owners Contingency.
2. 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.
3. 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.
4. 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.
5. The January 2015 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.
6. It is assumed that during the term of this contract; 2014 MAG and C.O.F. Specifications will govern.
7. The City of Flagstaff will furnish all necessary quality control testing for this project.
8. Asphalt millings generated from this project will be dumped at Old Highway 66 dump site across from Wildcat Waste Plant Road.
9. GMP tax was constructed based on 2014 tax structure. If this tax structure is changed, taxes will be adjusted at time of invoicing.

PROJECT

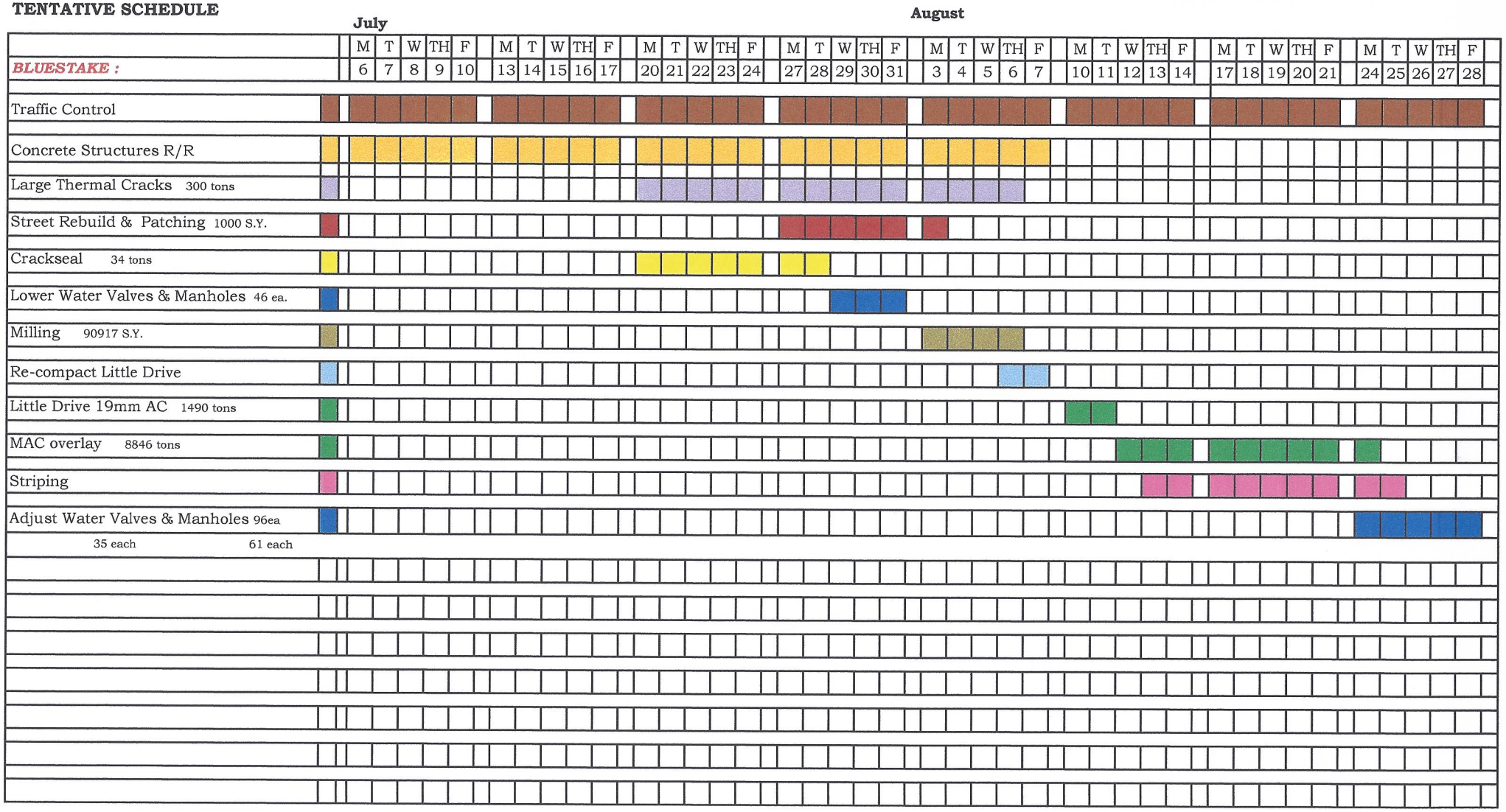
MASTER

SCHEDULE

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

PROJECTED
PRELIMINARY

Phase 2

City of Flagstaff
2015 City Street Maintenance Program
Project No: 01-15001

TENTATIVE SCHEDULE