

TOPAZ SUBSCRIBER UNITS, OPERATIONS AND MAINTENANCE AND CAPITAL, REVENUE ESTIMATES AND CASH FLOW  
FISCAL YEAR 2009 - 2010

Fulton March 23, 2009

**INCLUDES 3 % CONTINGENCY ON BOTH OPERATING AND CAPITAL**

**SCENARIO 2**

**SUMMARY OF TOPAZ OPERATIONS AND MAINTENANCE COSTS**  
TOTAL TOPAZ NETWORK OPERATIONS SUPPORT COSTS  
TOTAL TOPAZ INFRASTRUCTURE & MICROWAVE SUPPORT COSTS  
TOTAL TOPAZ MANAGEMENT SUPPORT

**FY 09/10**  
\$566,852  
\$449,682  
\$450,971

TOTAL TOPAZ OPERATIONS AND MAINTENANCE COSTS

\$1,467,506

**SUBSCRIBER UNITS [AS OF MARCH 2,2009]**

TOTAL MESA  
TOTAL TOWN OF GILBERT  
TOTAL APACHE JUNCTION FIRE DISTRICT  
TOTAL CITY OF APACHE JUNCTION  
TOTAL TOWN OF QUEEN CREEK

2,770  
741  
74  
164  
26

TOTAL SUBSCRIBER UNITS

3,775

**ANNUAL FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS**  
**MONTHLY FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS**

\$389  
\$32

**ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS**

MESA  
TOWN OF GILBERT  
APACHE JUNCTION FIRE DISTRICT  
CITY OF APACHE JUNCTION  
TOWN OF QUEEN CREEK

\$1,076,819  
\$288,059  
\$28,767  
\$63,754  
\$10,107

TOTAL ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS

\$1,467,506

**MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS**

MESA  
TOWN OF GILBERT  
APACHE JUNCTION FIRE DISTRICT  
CITY OF APACHE JUNCTION  
TOWN OF QUEEN CREEK

\$89,735  
\$24,005  
\$2,397  
\$5,313  
\$842

TOTAL MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS

\$122,292

**TRWC CAPITAL COSTS**

\$1,287,500

**JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE**

MESA  
TOWN OF GILBERT  
APACHE JUNCTION FIRE DISTRICT  
CITY OF APACHE JUNCTION  
TOWN OF QUEEN CREEK

\$944,735  
\$252,725  
\$25,238  
\$55,934  
\$8,868

TOTAL JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE

\$1,287,500

**JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE**

MESA  
TOWN OF GILBERT  
APACHE JUNCTION FIRE DISTRICT  
CITY OF APACHE JUNCTION  
TOWN OF QUEEN CREEK

\$314,912  
\$84,242  
\$8,413  
\$18,645  
\$2,956

JAN, FEBR, MAR MONTHLY REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE

\$429,167

TOPAZ SUBSCRIBER UNITS, OPERATIONS AND MAINTENANCE AND CAPITAL, REVENUE ESTIMATES AND CASH FLOW  
 FISCAL YEAR 2009 - 2010

Fulton March 23, 2009

INCLUDES 3 % CONTINGENCY ON BOTH OPERATING AND CAPITAL

SCENARIO 2

CASH FLOW DETERMINATION:

	<u>OPERATING &amp; MAINTENANCE</u>					TOTAL	<u>CAPITAL</u>				TOTAL	<u>TOTAL O&amp;M AND CAPITAL</u>						
	COM	TOG	AJFD	CAJ	TQC		COM	TOG	AJFD	CAJ		TQC	TOTAL	COM	TOG	AJFD	CAJ	TQC
JUL	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
AUG	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
SEP	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
OCT	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
NOV	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
DEC	\$89,734	\$24,004	\$2,400	\$5,311	\$845							\$89,734	\$24,004	\$2,400	\$5,311	\$845		
JAN	\$89,735	\$24,005	\$2,397	\$5,313	\$842		\$314,912	\$84,242	\$8,413	\$18,645	\$2,956	\$404,647	\$108,247	\$10,810	\$23,958	\$3,798		
FEB	\$89,735	\$24,005	\$2,397	\$5,313	\$842		\$314,912	\$84,242	\$8,413	\$18,645	\$2,956	\$404,647	\$108,247	\$10,810	\$23,958	\$3,798		
MAR	\$89,735	\$24,005	\$2,397	\$5,313	\$842		\$314,911	\$84,241	\$8,412	\$18,644	\$2,956	\$404,646	\$108,246	\$10,809	\$23,957	\$3,798		
APR	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
MAY	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
JUN	\$89,735	\$24,005	\$2,397	\$5,313	\$842							\$89,735	\$24,005	\$2,397	\$5,313	\$842		
TOTAL	\$1,076,819	\$288,059	\$28,767	\$63,754	\$10,107	\$1,467,506	\$944,735	\$252,725	\$25,238	\$55,934	\$8,868	\$1,287,500	\$2,021,554	\$540,784	\$54,005	\$119,688	\$18,975	\$2,755,006

Fulton March 23, 2010

**TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES**  
**[SUBSCRIBER UNITS, TOPAZ % SPLIT AND LABOR PER COMMUNICATIONS]**  
**[USE 08/09 BUDGET FOR NON LABOR, ESCALATE FOR 09/10 PER BUDGET]**  
**[USE 08/09 BUDGET SALARIES FOR PRELIMINARY BUDGET, DO NO ESCALATE FOR 09/10 PER BUDGET]**

TOPAZ NETWORK OPERATIONS SUPPORT COSTS		FY 08/09 BUDGET	800 Mhz % Support	FY 09/10
<b>LABOR</b>				
<b>DATA GROUP:</b>				
SR. COMMUNICATIONS NETWORK TECHNOLOGIST	4669	\$105,658	55%	\$58,112
COMMUNICATIONS NETWORK TECHNOLOGIST	1671	\$96,398	55%	\$53,019
COMMUNICATIONS NETWORK TECHNOLOGIST	1168	\$110,830	55%	\$60,957
<b>TOTAL DATA GROUP LABOR</b>				<b>\$172,087</b>
<b>MOTOROLA POST WARRANTY SERVICES:</b>				
SSA (Software Service Agreement)	<b>NOTE 1</b>	\$239,532	100%	\$316,041
MOTOROLA SERVICES		\$60,519	100%	\$62,214
<b>TOTAL MOTOROLA POST WARRANTY SERVICES</b>				<b>\$378,255</b>
3% Contingency				\$16,510
<b>TOTAL TOPAZ NETWORK OPERATIONS SUPPORT COSTS</b>				<b>\$566,852</b>

**NOTE 1: SSA Contract expires March 31, 2010. On-going negotiations with Motorola on SSA costs. Use existing contract price for 9 months and preliminary SSA price of \$545,568 for 3 months FY 09/10. Preliminary SSA per Motorola presentation to Communications on March 9, 2009.**

TOPAZ INFRASTRUCTURE & MICROWAVE SUPPORT COSTS		FY 08/09 BUDGET	800 Mhz % Support	FY 09/10
<b>LABOR</b>				
<b>SYSTEMS GROUP:</b>				
COMMUNICATIONS TECHNICAN III	0982	\$72,112	50%	\$36,056
COMMUNICATIONS TECHNICAN III	1364	\$83,398	50%	\$41,699
COMMUNICATIONS TECHNICAN III	1167	\$69,637	50%	\$34,819
COMMUNICATIONS TECHNICAN III	0804	\$91,348	50%	\$45,674
COMMUNICATIONS SYSTEMS COORDINATOR	0805	\$96,988	55%	\$53,343
WIRELESS COMMUNICATIONS ADMINISTRATOR	3358	\$89,947	50%	\$44,974
OVERTIME		\$54,275	50%	\$27,138
<b>TOTAL SYSTEMS GROUP LABOR</b>				<b>\$283,702</b>
<b>COMMODITIES &amp; OTHER SERVICES</b>				
72820 TRAINING		\$27,000	45%	\$12,151
74220 REPLACEMENT PARTS & MATERIALS		\$127,627	25%	\$31,908
74250 SOFTWARE		\$6,147	45%	\$2,767
72360 MISCELLANEOUS CONTRACT REPAIR		\$65,100	25%	\$16,276
7220 SPARE EQUIPMENT SHIPPING		\$615	40%	\$247
74210 TOOLS & EQUIPMENT		\$31,500	45%	\$14,176
72260 VEHICLES		\$44,750	50%	\$22,376
72210 LEASED CIRCUITS		\$600	50%	\$301
72270 TRAVEL		\$11,600	75%	\$8,701
72720 OTHER SUBSCRIPTIONS & MEMBERSHIPS		\$4,200	60%	\$2,521
72180 PROFESSIONAL SERVICES OTHER		\$12,600	50%	\$6,301
<b>TOTAL COMMODITIES &amp; OTHER SERVICES</b>				<b>\$117,725</b>
<b>SITE LEASES</b>				
THOMPSON PEAK (CAP)		\$34,200	100%	\$35,158
3% Contingency				\$13,098
<b>TOTAL TOPAZ INFRASTRUCTURE &amp; MICROWAVE SUPPORT COSTS</b>				<b>\$449,682</b>

**TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES**  
**[SUBSCRIBER UNITS, TOPAZ % SPLIT AND LABOR PER COMMUNICATIONS]**  
**[USE 08/09 BUDGET FOR NON LABOR, ESCALATE FOR 09/10 PER BUDGET]**

Fulton March 23, 2010
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			800 Mhz %	
	FY 08/09 BUDGET		Support	FY 09/10
<b>TOPAZ MANAGEMENT SUPPORT COSTS</b>				
<b>LABOR</b>				
<b>MANAGEMENT &amp; WAREHOUSE SUPPORT</b>				
ADMINISTRATION SUPPORT ASSISTANT III	1098	\$67,619	15%	\$10,143
PARTS & SUPPLY SPECIALIST	3936	\$50,916	10%	\$5,092
LEAD PARTS & SUPPLY SPECIALIST	1598	\$66,015	10%	\$6,602
COMMUNICATIONS PROJECT LIASION	0528	\$106,954	50%	\$53,477
COMMUNICATIONS PROJECT LIASION	2397	\$133,713	50%	\$66,857
COMMUNICATIONS PROJECT LIASION	0185	\$124,585	25%	\$31,146
COMMUNICATIONS ADMINISTRATOR	2931	\$136,757	25%	\$34,189
EXECUTIVE DIRECTOR	3833	\$136,888	50%	\$68,444
COMMUNICATIONS DISPATCHER - ENCRYPTION	2868	\$108,347	10%	\$10,835
GENERAL SERVICES RATE FOR MGMT. SUPPORT		17.3132%		\$126,687
ENCRYPTION RATE FOR MGMT. SUPPORT		20.4157%		\$2,212
<b>TOTAL LABOR</b>				<u>\$415,683</u>
<b>COMMODITIES &amp; OTHER SERVICES</b>			<b>2.80%</b>	
TRAINING		\$3,000	10%	\$308
MISCELLANEOUS		\$19,500	50%	\$10,023
COMMODITIES - ENCRYPTION		\$2,000	100%	\$2,056
LEGAL SERVICES		\$7,500	100%	\$7,710
OTHER SERVICES		\$2,000	100%	\$2,056
<b>TOTAL COMMODITIES &amp; OTHER SERVICES</b>				<u>\$22,153</u>
3% Contingency				\$13,135
<b>TOTAL TOPAZ MANAGEMENT SUPPORT</b>				<u>\$450,971</u>
<b>NETWORK EQUIPMENT DEPRECIATION [10 YEAR LIFE]</b>				
SYSTEM UPGRADES, INSTALL, HARDWARE, SOFTWARE		\$0	50%	<u>\$0</u>
<b>SUMMARY OF TOPAZ OPERATIONS AND MAINTENANCE COSTS</b>				
<b>TOTAL TOPAZ NETWORK OPERATIONS SUPPORT COSTS</b>				\$566,852
<b>TOTAL TOPAZ INFRASTRUCTURE &amp; MICROWAVE SUPPORT COSTS</b>				\$449,682
<b>TOTAL TOPAZ MANAGEMENT SUPPORT</b>				\$450,971
<b>TOTAL NETWORK EQUIPMENT DEPRECIATION</b>				<u>\$0</u>
<b>TOTAL TOPAZ OPERATIONS AND MAINTENANCE COSTS</b>				<u>\$1,467,506</u>
<b>CAPITAL IMPROVEMENT COSTS</b>				
COSTS TO RECONFIGURE				\$700,000
HIGH SITE DEVELOPMENT				\$550,000
3% Contingency				\$37,500
<b>TOTAL CAPITAL IMPROVEMENT</b>				<u>\$1,287,500</u>

**TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES**  
**[SUBSCRIBER UNITS, TOPAZ % SPLIT AND LABOR PER COMMUNICATIONS]**  
**[USE 08/09 BUDGET FOR NON LABOR, ESCALATE FOR 09/10 PER BUDGET]**

Fulton March 23, 2010
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**SUBSCRIBER UNITS [AS OF MARCH 2,2009]**

MESA		
MOBILES		760
PORTABLES		1,954
CONTROL STATIONS		56
TOTAL MESA		<u>2,770</u>
TOWN OF GILBERT		
MOBILES		254
PORTABLES		468
CONTROL STATIONS		19
TOTAL TOWN OF GILBERT		<u>741</u>
APACHE JUNCTION FIRE DISTRICT		
MOBILES		26
PORTABLES		44
CONTROL STATIONS		4
TOTAL APACHE JUNCTION FIRE DISTRICT		<u>74</u>
CITY OF APACHE JUNCTION		
MOBILES		59
PORTABLES		100
CONTROL STATIONS		5
TOTAL CITY OF APACHE JUNCTION		<u>164</u>
TOWN OF QUEEN CREEK		
MOBILES		5
PORTABLES		19
CONTROL STATIONS		2
TOTAL TOWN OF QUEEN CREEK		<u>26</u>
<b>TOTAL SUBSCRIBER UNITS</b>		
<b>MOBILES</b>		<b>1,104</b>
<b>PORTABLES</b>		<b>2,585</b>
<b>CONTROL STATIONS</b>		<b>86</b>
<b>TOTAL SUBSCRIBER UNITS</b>		<b><u>3,775</u></b>
<b>SUBSCRIBER UNIT PERCENTAGE</b>		
MESA		73.38%
TOWN OF GILBERT		19.63%
APACHE JUNCTION FIRE DISTRICT		1.96%
CITY OF APACHE JUNCTION		4.34%
TOWN OF QUEEN CREEK		0.69%
<b>TOTAL SUBSCRIBER UNIT PERCENTAGE</b>		<b><u>100.00%</u></b>

Fulton March 23, 2010
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**TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES**  
**[SUBSCRIBER UNITS, TOPAZ % SPLIT AND LABOR PER COMMUNICATIONS]**  
**[USE 08/09 BUDGET FOR NON LABOR, ESCALATE FOR 09/10 PER BUDGET]**

ANNUAL FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS	<u>\$389</u>
MONTHLY FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS	<u>\$32</u>

<b>ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS</b>	
MESA	\$1,076,819
TOWN OF GILBERT	\$288,059
APACHE JUNCTION FIRE DISTRICT	\$28,767
CITY OF APACHE JUNCTION	\$63,754
TOWN OF QUEEN CREEK	\$10,107
<b>TOTAL ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS</b>	<u>\$1,467,506</u>

<b>MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS</b>	
MESA	\$89,735
TOWN OF GILBERT	\$24,005
APACHE JUNCTION FIRE DISTRICT	\$2,397
CITY OF APACHE JUNCTION	\$5,313
TOWN OF QUEEN CREEK	\$842
<b>TOTAL MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS</b>	<u>\$122,292</u>

JAN, FEBR, MAR FEE PER SUBSCRIBER UNIT - CAPITAL IMPROVE	<u>\$341</u>
JAN, FEBR, MAR FEE PER SUBSCRIBER UNIT - CAPITAL IMPROVE	<u>\$114</u>

<b>JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE</b>	
MESA	\$944,735
TOWN OF GILBERT	\$252,725
APACHE JUNCTION FIRE DISTRICT	\$25,238
CITY OF APACHE JUNCTION	\$55,934
TOWN OF QUEEN CREEK	\$8,868
<b>TOTAL JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE</b>	<u>\$1,287,500</u>

<b>JAN, FEBR, MAR REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE</b>	
MESA	\$314,912
TOWN OF GILBERT	\$84,242
APACHE JUNCTION FIRE DISTRICT	\$8,413
CITY OF APACHE JUNCTION	\$18,645
TOWN OF QUEEN CREEK	\$2,956
<b>JAN, FEBR, MAR MONTHLY REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVE</b>	<u>\$429,167</u>

**TOPAZ SUBSCRIBER UNITS, OPERATIONS AND MAINTENANCE AND CAPITAL, REVENUE ESTIMATES AND CASH FLOW  
FISCAL YEAR 2009 - 2010**

**COMPARISON OF FISCAL YEAR 2009 - 2010 WITH AND WITHOUT 3% CONTINGENCY**

	<b>WITH</b>	<b>WITHOUT</b>	<b>CHANGE</b>
TOTAL OPERATING AND MAINTENANCE COSTS	\$1,467,506	\$1,424,763	\$42,743
SUBSCRIBER UNITS	3,775	3,775	\$0
COST PER SUBSCRIBER	\$32	\$31	\$1
TOTAL CAPITAL COSTS	\$1,287,500	\$1,250,000	\$37,500
[Note: Jan, Feb, Mar expenditures only]			

Fulton  
March 26,2009