



TRWC Board of Directors Meeting – Conference Call

November 2, 2017 - 9:00 a.m.

Video Conference: <https://global.gotomeeting.com/join/117369909>

Audio Bridge: 1-872-240-3212, Access Code 117-369-909

Public Attendance Access Only:

Queen Creek Municipal Services Building

Saguaro Room

22358 S Ellsworth Rd

Queen Creek, AZ 85142

Members of the public may address the Board on any item. Please complete a “Request to Speak Card”, located at the entry of the room and promptly turn it in to the Executive Director or designee prior to the beginning of the meeting. There is a time limit of three minutes for comments.

Agenda

1) Call to Order and Opening Comments

- a. Materials and sign-in sheet (public attendance access only)
- b. Speaker cards (public attendance access only)
- c. Audio and video recording
- d. Board representative roll-call
- e. Announcement of other teleconference participants
- f. Board member departure instructions
- g. Board action protocol

2) Public Comment

Members of the public may address the Board on items not on the printed agenda. Please complete a “Request to Speak Card”, located at the entry of the room and promptly turn it in to the Executive Director or designee prior to the beginning of the meeting. There is a time limit of three minutes for comments.

3) Discussion and Action on Board Meeting Minutes

[September 14, 2017 Board Meeting Minutes](#)

4) Discussion and Action on Chairman and Vice-Chairman Elections – Dale Shaw

- a. Election of a Chairman position for a two-year term
- b. Election of a Vice-chairman position for a two-year term

5) Discussion and Possible Action on Committee Update

- a. Executive Committee Update – Bob Badgett (Co-chair)
 - FY18/19 Proposed Budget Preparation

6) [Discussion and Possible Action on FY18/19 Proposed Budget](#) – Dale Shaw and Sherry McGlade

7) Comments from the Board

An opportunity will be provided for Board members to present a brief summary of current events. The Board is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.

8) Next TRWC Board Meeting:

12/07/2017 9 to 11 a.m., PMGA

9) Adjournment



TRWC Board of Directors Meeting – Conference Call

September 14, 2017 - 9:00 a.m.

Video Conference: <https://global.gotomeeting.com/join/204683717>

Audio Bridge: 1-224-501-3412, Access Code 204-683-717

Public Attendance Access Only:

Queen Creek Municipal Services Building

Saguaro Room

22358 S Ellsworth Rd

Queen Creek, AZ 85142

Members of the public may address the Board on any item. Please complete a "Request to Speak Card", located at the entry of the room and promptly turn it in to the Executive Director. There is a time limit of three minutes for comments.

Agenda

1) Call to Order and Opening Comments

- a. [Materials](#) and Sign-in Sheet (public attendance access only)
- b. Speaker Cards (public attendance access only)
- c. Audio and Video Recording

Chairman Kross asked the Board Members to introduce themselves and requested a roll call which Dale Shaw conducted and confirmed there was a quorum, noting the only absent member was Fort McDowell.

Chairman Kross called the meeting to order, welcomed Leah Hubbard Rhineheimer to the Board who replaced Marc Scocypec, stated this is a conference call, provided the location of the public access point in Queen Creek as noted on the agenda, instructions on the process for public comment, and reminded the participants the meeting is audio recorded.

Dale Shaw asked if other, non-Board representatives should address themselves for a record of attendance, recommended that speakers announce themselves by name, and refer to others by name and title.

2) Public Comment

Members of the public may address the Board on items not on the printed agenda. Please complete a "Request to Speak Card", located at the entry of the room and turn it in to Missy Gunter prior to the beginning of the meeting. There is a time limit of three minutes for comments.

Chairman Kross noted no one was present in Queen Creek and asked if there was anyone on the conference call that would like to address the Board under public comment. No public comment requests were received.

3) Discussion and Action on Board Meeting Minutes

[May 25, 2017 Board Meeting Minutes](#)

John Pombier motioned to approve the 5/25/17 TRWC Board Meeting Minutes and Jerry Ward seconded. All were in favor; the motion passed.

4) [Discussion and Possible Action on Communications Strategic Alliance Master IGA](#) - Dale Shaw

John Locklin and Dale Shaw reviewed the PowerPoint presentation as provided in the meeting materials.

Mr. Locklin further stated the group was initially charged with combining the two systems into one system and for a variety of reasons it became apparent the best answer was to maintain two separate systems, but incorporate the spirit of what they were trying to accomplish within the Strategic Alliance. A lot of work was done to coordinate all aspects between the two systems and potentially future systems. Mr. Locklin stated that including an end user on the Coordinating Council solidified the importance of end user input to ensure the system works properly.

Mr. Shaw and Bill Anger both responded to a request from Chairman Kross about adding a WHEREAS to the Master IGA that reflects back to the joint resolution between the two boards that initiated this. Mr. Shaw and Mr. Anger both agreed another recital could be added.

Mr. Shaw and Mr. Locklin both responded to a question from Chairman Kross if technical issues, such as interoperability, would rise to the level of the coordinating council. Mr. Shaw responded that in most cases the working group would address the details, but if there was a need for funding or coordination, and depending upon the type of technical issue to be solved, these may rollup to the coordinating council for recommended action by each respective system. However, most of the work would occur at the joint working group level and Mr. Locklin's response was similar.

Mr. Shaw stated this agreement will be executed through the administrative managing members of each respective system. This is not intended to be executed by each member agency in the TRWC, Mesa would execute on behalf of the TRWC, and Mesa legal has reviewed the agreement and given their endorsement of it. Each member can have their own legal review the agreement.

Mr. Shaw responded to a question from Chairman Kross regarding the RWC's status for the review of the Master IGA and what is contemplated from them at this point. Mr. Shaw explained the RWC relies on Phoenix as their administrative managing member and engaged their legal who worked closely with Bill Anger representing the TRWC to ensure everyone is comfortable with the language. If the RWC thought they could move forward knowing that it had significant legal review at this point, then we would be poised to do that as well.

John Pombier, Mr. Shaw, Mr. Locklin, and Leah Hubbard Rhineheimer all responded to a question from Chairman Kross to the Board members if additional review was necessary by their individual agencies, noting Gilbert wanted to look at this in more detail.

Mr. Pombier provided historical information related to Mesa's labor group going to Council regarding the TRWC and RWC's not working well together and that Firefighters were at risk because of this. Mr. Locklin and Mr. Shaw both responded to a question from Mr. Pombier regarding whether the Mesa labor group would express support for this. Mr. Locklin stated he was comfortable the labor group would support this. Mr. Shaw stated that some time back he and Chairman Kross met with Brian Jefferies to cover the approach in general and he was very supportive and obviously representing labor in that capacity.

Ms. Hubbard Rhineheimer reported they have not had an answer from their legal yet, want to check this box before they can say anything definitive, but do not anticipate anything significant. Mr. Shaw asked that Gilbert's legal get in touch with Mr. Anger so the two legal areas are coordinating and he can handle the discussions and feedback.

Mr. Shaw responded to a question from Chairman Kross regarding timing for official action if additional review is needed from TRWC member agencies and if a special meeting should be convened. Mr. Shaw stated he was prepared for official action at the December meeting and the goal is to establish the agreement by the end of the calendar year; however, making sure everyone is in alignment is an important task.

Mr. Anger asked that comments be made as soon as possible to coordinate with the RWC.

Mr. Locklin, Chairman Kross, Mr. Shaw, and Ms. Hubbard Rhineheimer all expressed appreciation for the work that has been done.

5) [FirstNet Update](#) – David Faulkner (FirstNet) and Karen Ziegler (AZDOA)

Karen Ziegler of AZDOA stated Arizona has opted into the AT&T FirstNet Solution. The Governor signed a commitment letter in August. The focus now is meeting with AT&T to discuss coverage

issues, capacity issues, roll out over the five-year build, just making sure that we are all on the same page as to what that solution means for Arizona. The final state plans are due to be released next week. We are now working with AT&T to make sure that all discussions over the last couple of months are included in their final state plan. In addition to the plan, AT&T has been working with the procurement staff in Arizona and at the national level. There is a National Association of State Procurement Offices (NASPO) where the Arizona agencies purchase their services from that particular contract. Last week, AT&T was successful in amending the NASPO contract to add the FirstNet rate plans to that agreement. There is still some work that needs to be done in Arizona, if Arizona is going to have anything specific that is not addressed in the NASPO contract, but technically, agencies can now go to that NASPO contract and start procuring services. Ms. Ziegler provided instructions for accessing the FirstNet rate plans from the NASPO website.

The next steps are to conduct regional meetings in Tucson, Phoenix and Flagstaff with the state project team and federal AT&T partners where public safety agencies will be able to meet with AT&T. Tucson's kick off meeting will take place on December 7th. The Phoenix and Flagstaff meetings are to be determined, but completed by mid-December. Additionally, they will continue with education and outreach. Ms. Ziegler stated she would be happy to schedule meetings with other agencies or associations, and thanked Dale Shaw, Randy Thompson, and their team for their involvement in the FirstNet evaluation process.

David Faulkner of FirstNet noted it has been a month to today's date since Arizona opted in, they are still shooting for the 19th of this month to respond to the 200 state plan questions that Arizona submitted, and have that plan back out to the state of Arizona and Karen's state team. Mr. Falkner stated his direction moving forward in to the five-year buildout is to be an asset to support public safety agencies, Karen and her state planning team, and AT&T. Mr. Falkner provided his phone number for any questions and the phone number for Tracy Cooper with AT&T, the new Market Manager for the state of Arizona.

6) Update on Membership Agreements – Dale Shaw

Dale Shaw stated the Board approved moving forward with the initial steps related to Salt River's interest in joining the TRWC. That is dependent upon a dispatcher arrangement with Mesa which is currently on hold. As a result, our efforts with them are on hold as well.

Gila River had expressed an interest in interoperability, but at the last meeting, the Board directed staff to remove their access to the network as we had not executed an agreement with them, and that has now been completed.

7) Discussion and Possible Action on Committee and Working Group Updates

a. Executive Committee Update – Bob Badgett (Co-chair)

- Regional PSAP Backup Connectivity

During the last meeting, Randy Thompson gave an update that the TRWC does not need to be involved in this decision and they can work directly with the City of Mesa, so no action was taken.

- Service Area Review

We want to make sure the TRWC map accurately reflects the primary response areas where our units will be conducting operations and provides the coverage that we want. Each entity was asked to review the map and make sure the area of coverage the TRWC shows on the master map accurately reflects where we are operating to improve safety. This review is ongoing, with a couple of questions still outstanding, but making good progress. This map will be used for work quotes, system upgrade quotes, and so forth.

- Budget

The budget process will begin at the next meeting, to be completed early like last year, to give the Board plenty of time to take action or ask questions as needed.

b. User Group Update – John Locklin

- VHF Project Update

John Locklin provided a brief recap of why the VHF System was one of the main items for the User Group when it was formed four and half years ago. Additionally, he explained the User Group met about two weeks ago and evaluated the testing map after the system was installed. Motorola, a couple of users from dispatch, and firefighters from the different agencies in the TRWC drove the whole TRWC service area and tested the VHF system to be sure that it met the criteria set forth by the User Group. Mr. Locklin believes over 99% of the service area met or exceeded the minimum voice quality that had been set forth. The User Group voted unanimously to move forward in the process, that is on the acceptance side. Mr. Locklin noted both Dale Crogan and Gilbert's union president expected to be on the call today, were unable to due to other events, and apologize for not being part of this discussion.

8) Discussion and Possible Action on Network Administrator Updates:

a. Budget and Finance Overview - Sherry McGlade

Sherry McGlade presented a financial update as provided in the meeting materials.

b. Network Updates and Performance Overview - Randy Thompson

Randy Thompson presented an overview of the network updates and performance overview as provided in the materials.

- Microwave Network Router Replacement – Randy Thompson

Randy Thompson presented an overview of the memo as provided in the meeting materials. This item was brought before the TRWC Executive Committee on Tuesday afternoon and the TRWC Executive Committee approved moving forward. The request today is that the Board approve this accelerated capital expenditure so the equipment can be replaced.

Chairman Kross stated this item appeared on the agenda a couple of days ago, there was some discussion in our committee system, this is an opportunity to advance some funding and advance some system replacement, which in general is a good thing, but from a timing standpoint, asked that future items like this or in this general area get to the Board sooner.

John Pombier motioned to approve and Mike Farber seconded. All were in favor; the motion passed.

9) Comments from the Board

An opportunity will be provided for Board members to present a brief summary of current events. The Board is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.

John Pombier raised concerns about the Automatic Aid Agreement and is working with Phoenix to resolve the issue. Other Board members echoed the concern. Chairman Kross suggested this may be an item for a future Board meeting if desired.

10) Next TRWC Board Meeting(s):

12/07/2017 9 to 11 a.m., PMGA

11) Adjournment



FY2018/19
Proposed Budget

For Endorsement by the TRWC Executive Committee

FY2018/19 Proposed Projects Budget

	FORECASTED	PROPOSED
	FY 2018/19	FY 2018/19
B. TOPAZ Voice Radio Network Upgrade (CP0090)	433,828	433,828
C. Wireless Backhaul (Microwave) Network Upgrade (CP0093)		
D. Radio Sites Emergency Power Upgrade (CP0094)	90,000	106,200
E. Florence Gardens ISR Site Lifecycle upgrade	300,000	354,000
F. Antenna & Transmission Lines Lifecycle Upgrade	200,000	236,000
G. Internet Protocol Network Routers & Switches Lifecycle		
H. System-of-Systems Networking	500,000	619,500
I. Internet Protocol Network Routers & Switches Expan	420,000	464,625
J. Communications Building UPS Battery Replacemen	-	17,700
Total Improvements	\$ 1,943,828	\$ 2,231,853
Change:		\$ 288,025
% Change:		14.8%

FY2018/19 Proposed Projects Budget

	FORECASTED FY 2018/19		PROPOSED FY 2018/19	
Assessment to Members				
Mesa	72.51%	\$ 1,409,383	71.96%	\$ 1,605,953
Gilbert	16.77%	325,996	16.62%	371,037
Apache Junction	8.22%	159,863	8.27%	184,618
Ft McDowell	1.51%	29,387	1.90%	42,327
Superstition Fire & Medical	0.63%	12,342	0.76%	16,886
Queen Creek	0.33%	6,465	0.46%	10,357
Rio Verde	0.02%	392	0.03%	675
SubTotal	100.00%	\$ 1,943,828	100.00%	\$ 2,231,853

FY2018/19 Proposed Projects Budget

	ORIGINAL FY 2017/18		CURRENT FY2017/18		PROPOSED FY 2018/19	
Normal Assessment to Members (1)						
Mesa	72.52%	\$ 536,776	71.96%	\$ 761,529	71.96%	\$ 1,605,953
Gilbert	16.77%	124,128	16.62%	175,943	16.62%	371,037
Apache Junction	8.22%	60,843	8.27%	87,544	8.27%	184,618
Ft McDowell	1.51%	11,177	1.90%	20,071	1.90%	42,327
Superstition Fire & Medical	0.63%	4,663	0.76%	8,007	0.76%	16,886
Queen Creek	0.33%	2,443	0.46%	4,911	0.46%	10,357
Rio Verde	0.02%	149	0.03%	320	0.03%	675
SubTotal	100.00%	\$ 740,178	100.00%	\$ 1,058,325	100.00%	\$ 2,231,853
Special Assessment to Members (VHF)(2)						
Mesa Fire & Medical	66.85%	\$ 331,689	66.85%	\$ 337,798		\$ -
Gilbert Fire	18.81%	93,329	18.81%	95,048		-
Superstition Fire & Medical	8.11%	40,239	8.11%	40,980		-
Queen Creek Fire	5.73%	28,430	5.73%	28,954		-
Rio Verde Fire	0.50%	2,481	0.50%	2,527		-
SubTotal	100.00%	\$ 496,168	100.00%	\$ 505,308		\$ -
Total Assessment to Members						
Mesa	70.24%	\$ 868,465	70.31%	\$ 1,099,327	71.96%	\$ 1,605,953
Gilbert	17.59%	217,457	17.33%	270,991	16.62%	371,037
Apache Junction	4.92%	60,843	5.60%	87,544	8.27%	184,618
Ft McDowell	0.90%	11,177	1.28%	20,071	1.90%	42,327
Superstition Fire & Medical	3.63%	44,902	3.13%	48,988	0.76%	16,886
Queen Creek	2.50%	30,873	2.17%	33,865	0.46%	10,357
Rio Verde	0.21%	2,630	0.18%	2,847	0.03%	675
Total	100.00%	\$ 1,236,346	100.00%	\$ 1,563,633	100.00%	\$ 2,231,853

FY2017/18 Proposed O&M Budget, Part 1

	FY 17/18		FY 18/19
	ORIGINAL BUDGET	UPDATED FORECAST	PROPOSED BUDGET
Salaries and Wages	\$ 486,600	\$ 390,840	\$ 390,840
Total Labor	\$ 486,600	\$ 390,840	\$ 390,840
GENERAL & ADMINISTRATIVE - OTHER SERVICES			
Temp Services	\$ 6,000	\$ 6,000	\$ 6,000
Prof Services - Consulting	87,210	87,210	88,500
Prof Services - Legal	37,000	37,000	37,000
Prof Services - Other	15,000	15,000	15,000
Ins. Premiums - Agencies	10,600	8,300	8,500
Utilities	72,500	60,000	60,000
Telephone	5,700	3,400	3,400
Repairs & Maint	10,400	32,680	31,000
Equipment Usage (Vehicles)	22,000	20,000	20,000
Shaw Butte & Florence Gardens	22,800	22,800	25,300
All Other Services	2,000	-	-
TOTAL OTHER SERVICES	\$ 291,210	\$ 292,390	\$ 294,700

FY2017/18 Proposed O&M Budget, Part 2

	FY 17/18		FY 18/19
	ORIGINAL BUDGET	UPDATED FORECAST	PROPOSED BUDGET
GENERAL & ADMINISTRATIVE - COMMODITIES			
Non Cap Assets	\$ 50,000	\$ 50,000	\$ 25,000
Contract - Preventative Motorola	594,200	594,200	597,400
Contract - Security Monitoring Motorola	330,000	330,000	359,800
Software Maint-Mainsaver,Juniper	22,000	22,000	22,500
Materials & Repair Parts	20,000	20,000	20,460
All Other Commodities	1,000	-	-
TOTAL COMMODITIES	\$ 1,017,200	\$ 1,016,200	\$1,025,160
OTHER BUDGET ITEMS			
PROPOSED CONTINGENCY - 3%	\$ 89,751	\$ 89,751	\$ 51,321
VHF OPERATIONS (special assessment)	29,700	29,700	120,138
VHF Equipment Staff Time (special assessment)			27,500
TOTAL OTHER BUDGET ITEMS	\$ 119,451	\$ 119,451	\$ 198,959
Total Operating & Maintenance	\$ 1,914,461	\$ 1,818,881	\$1,909,659

FY2017/18 Proposed O&M Budget

	FY 17/18		FY 18/19
	ORIGINAL BUDGET	UPDATED FORECAST	PROPOSED BUDGET
Total Operating & Maintenance	<u>\$ 1,914,461</u>	<u>\$ 1,818,881</u>	<u>\$1,909,659</u>
O&M - AIRTIME PERCENTAGE (1)			
Mesa	71.94%	71.33%	71.33%
Gilbert	16.64%	16.48%	16.48%
Apache Junction	8.16%	8.20%	8.20%
Ft McDowell	1.50%	1.88%	1.88%
Superstition Fire & Medical	0.63%	0.75%	0.75%
Queen Creek	0.33%	0.46%	0.46%
Rio Verde	0.02%	0.03%	0.03%
Southwest Ambulance	0.65%	0.71%	0.71%
American Medical Response	0.13%	0.16%	0.16%
TOTAL	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
VHF SPECIAL ASSESSMENT (2)			
Mesa Fire & Medical	66.85%	66.85%	66.85%
Gilbert Fire	18.81%	18.81%	18.81%
Ft McDowell (100% staff time for additional VHF equipment)			
Superstition Fire & Medical	8.11%	8.11%	8.11%
Queen Creek Fire	5.73%	5.73%	5.73%
Rio Verde Fire	0.50%	0.50%	0.50%
TOTAL	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>

FY2017/18 Proposed O&M Budget

	FY 17/18				FY 18/19	FY 18/19
	AIRTIME		ORIGINAL	UPDATED	ORIGINAL	PROPOSED
	ORIGINAL	UPDATED	BUDGET	FORECAST	FORECAST	BUDGET
Mesa	71.94%	71.33%	\$ 1,375,752	\$ 1,296,076	\$1,471,685	\$1,337,161
Gilbert	16.64%	16.48%	319,211	300,444	321,830	312,979
Apache Junction	8.16%	8.20%	153,796	146,713	157,821	144,486
Ft McDowell	1.50%	1.88%	14,283	15,828	29,011	60,626
Superstition Fire & Medical	0.63%	0.75%	28,271	33,637	21,928	22,958
Queen Creek	0.33%	0.46%	7,922	9,932	13,266	14,989
Rio Verde	0.02%	0.03%	526	686	988	1,130
Southwest Ambulance	0.65%	0.71%	12,251	12,703	12,571	12,510
American Medical Response	0.13%	0.16%	2,450	2,863	2,514	2,819
TOTAL	100.00%	100.00%	\$ 1,914,462	\$ 1,818,882	\$2,031,614	\$1,909,658

FY2017/18 Proposed O&M Budget

	FY 17/18		FY 18/19	
	ORIGINAL BUDGET	UPDATED FORECAST	ORIGINAL FORECAST	PROPOSED BUDGET
Mesa	\$ 2,244,217	\$ 2,395,403	\$2,881,068	\$2,943,114
Gilbert	536,668	571,435	647,826	684,016
Apache Junction	75,126	103,372	188,874	245,244
Ft McDowell	164,973	166,784	187,208	186,813
Superstition Fire & Medical	73,173	82,625	34,270	39,844
Queen Creek	31,398	34,551	19,731	25,346
Rio Verde	10,552	12,779	1,380	1,805
Southwest Ambulance	12,251	12,703	12,571	12,510
American Medical Response	2,450	2,863	2,514	2,819
	<u>\$ 3,150,808</u>	<u>\$ 3,382,515</u>	<u>3,975,442</u>	<u>4,141,511</u>



	FY 17/18 Original Budget	FY 18/19 PROPOSED	Increase (Decrease) From Budget	
1. LABOR	\$ 486,600	\$ 390,840	\$ (95,760)	-19.7%
2. NON LABOR	1,427,861	1,518,819	90,958	6.4%
4. TOTAL OPERATING & MAINTENANCE BUDGET	<u>\$ 1,914,461</u>	<u>\$ 1,909,659</u>	<u>\$ (4,802)</u>	<u>-0.3%</u>
5. RECONCILIATION OF BUDGET CHANGES:				
a. Salaries - savings due to recently implemented Motorola contract			\$ (95,760)	
b. VHF Staff Time - Ft McDowell			27,500	
c. VHF Service Contract with Motorola (allocated among Fire partners)			90,000	
d. NonCapital Assets - reduced for one time purchase			(25,000)	
e. Motorol contract programmed increases			33,000	
f. Reduction of Contingency from 5% to 3%			(38,146)	
g. Other changes			<u>3,604</u>	
		TOTAL VARIANCE	<u>\$ (4,802)</u>	
6. Capital Network Reliability Improvements	<u>\$ 1,236,346</u>	<u>\$ 2,231,853</u>	<u>\$ 995,507</u>	<u>81%</u>
TOTAL (O&M + Capital)	<u>\$ 3,150,807</u>	<u>\$4,141,512</u>	<u>\$ 990,705</u>	<u>31.4%</u>



	<u>FY 18/19</u>
Total Operating & Maintenance Budget	\$ 1,909,659
Capital Network Reliability Improvements	<u>2,231,853</u>
PROPOSED BUDGET (O&M + Capital)	<u><u>\$ 4,141,512</u></u>



PROPOSED FISCAL YEAR 2018 / 2019 BUDGET

DETAIL OF OPERATIONS, MAINTENANCE AND CAPITAL

PRELIMINARY

TRWC Operating & Maintenance Budget And Capital Improvement Costs
RECONCILIATION BETWEEN FY 17/18 APPROVED AND 18/19 PROPOSED BUDGET
PRELIMINARY

	<u>FY 17/18</u> <u>Original Budget</u>	<u>FY 18/19</u> <u>PROPOSED</u>	<u>Proposed FY18/19 Budget</u> <u>Increase (Decrease)</u> <u>From FY17/18 Budget</u>	
1. LABOR	\$ 486,600	\$ 390,840	\$ (95,760)	-19.7%
2. NON LABOR	1,427,861	1,518,819	90,958	6.4%
3. TOTAL OPERATING & MAINTENANCE BUDGET	<u>\$ 1,914,461</u>	<u>\$ 1,909,659</u>	<u>\$ (4,802)</u>	<u>-0.3%</u>
4. RECONCILIATION OF BUDGET CHANGES:				
a. Salaries - savings due to recently implemented Motorola contract			\$ (95,760)	
b. VHF Staff Time - Ft McDowell			27,500	
c. VHF Service Contract with Motorola (allocated among Fire partners)			90,000	
d. NonCapital Assets - reduced for one time purchase			(25,000)	
e. Motorol contract programmed increases			33,000	
f. Reduction of Contingency from 5% to 3%			(38,146)	
g. Other changes			<u>3,604</u>	
		TOTAL VARIANCE	<u>\$ (4,802)</u>	
5. Capital Network Reliability Improvements	<u>\$ 1,236,346</u>	<u>\$ 2,231,853</u>	<u>\$ 995,507</u>	<u>81%</u>
TOTAL (O&M + Capital)	<u>\$ 3,150,807</u>	<u>\$ 4,141,512</u>	<u>\$ 990,705</u>	<u>31.4%</u>

TRWC Operating & Maintenance Budget
Summary of Labor and Non-labor

PRELIMINARY

	FY 17/18		FY 18/19 PROPOSED BUDGET	FORECAST				
	ORIGINAL BUDGET	UPDATED FORECAST		FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24
ESCALATION FACTOR					1.90%	2.30%	3.00%	3.00%
Salaries and Wages	\$ 486,600	\$ 390,840	\$ 390,840	\$ 390,840	\$ 398,266	\$ 407,426	\$ 419,649	\$ 432,238
Total Labor	\$ 486,600	\$ 390,840	\$ 390,840	\$ 390,840	\$ 398,266	\$ 407,426	\$ 419,649	\$ 432,238
ESCALATION FACTOR					1.90%	1.90%	1.90%	1.90%
GENERAL & ADMINISTRATIVE - OTHER SERVICES								
Temp Services	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,114	\$ 6,230	\$ 6,349	\$ 6,469
Prof Services - Consulting	87,210	87,210	88,500	90,182	91,895	93,641	95,420	97,233
Prof Services - Legal	37,000	37,000	37,000	37,000	37,703	38,419	39,149	39,893
Prof Services - Other	15,000	15,000	15,000	15,000	15,285	15,575	15,871	16,173
Ins. Premiums - Agencies	10,600	8,300	8,500	8,500	8,662	8,826	8,994	9,165
Utilities	72,500	60,000	60,000	60,000	61,140	62,302	63,485	64,692
Telephone	5,700	3,400	3,400	3,400	3,465	3,530	3,598	3,666
Repairs & Maint	10,400	32,680	31,000	31,000	31,589	32,189	32,801	33,424
Equipment Usage (Vehicles)	22,000	20,000	20,000	20,000	20,380	20,767	21,162	21,564
Shaw Butte & Florence Gardens	22,800	22,800	25,300	25,300	25,781	26,271	26,770	27,278
All Other Services	2,000	-	-	-	-	-	-	-
TOTAL OTHER SERVICES	\$ 291,210	\$ 292,390	\$ 294,700	\$ 296,382	\$ 302,013	\$ 307,751	\$ 313,598	\$ 319,557
GENERAL & ADMINISTRATIVE - COMMODITIES								
Non Cap Assets	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,475	\$ 25,959	\$ 26,452	\$ 26,955
Contract - Preventative Motorola	594,200	594,200	597,400	601,600	605,800	610,000	615,200	667,492
Contract - Security Monitoring Motorola	330,000	330,000	359,800	370,600	381,700	393,200	405,000	417,150
Software Maint-Mainsaver,Juniper	22,000	22,000	22,500	22,500	22,928	23,363	23,807	24,259
Materials & Repair Parts	20,000	20,000	20,460	20,460	20,849	21,245	21,649	22,060
All Other Commodities	1,000	-	-	-	-	-	-	-
TOTAL COMMODITIES	\$ 1,017,200	\$ 1,016,200	\$ 1,025,160	\$ 1,040,160	\$ 1,056,751	\$ 1,073,767	\$ 1,092,108	\$ 1,157,916
OTHER BUDGET ITEMS								
PROPOSED CONTINGENCY - 3%	\$ 89,751	\$ 89,751	\$ 51,321	\$ 51,821	\$ 52,711	\$ 53,668	\$ 54,761	\$ 57,291
VHF OPERATIONS (special assessment)	29,700	29,700	120,138	123,813	127,567	131,404	135,326	139,386
VHF Equipment Staff Time (special assessment)			27,500					
TOTAL OTHER BUDGET ITEMS	\$ 119,451	\$ 119,451	\$ 198,959	\$ 175,634	\$ 180,278	\$ 185,072	\$ 190,087	\$ 196,677
Total Operating & Maintenance	\$ 1,914,461	\$ 1,818,881	\$ 1,909,659	\$ 1,903,016	\$ 1,937,308	\$ 1,974,016	\$ 2,015,442	\$ 2,106,388

**TRWC Operating & Maintenance Budget
Summary of Labor and Non-labor**

PRELIMINARY

	FY 17/18		FY 18/19	FORECAST				
	ORIGINAL BUDGET	UPDATED FORECAST	PROPOSED BUDGET	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24
Total Operating & Maintenance	\$ 1,914,461	\$ 1,818,881	\$ 1,909,659	\$ 1,903,016	\$ 1,937,308	\$ 1,974,016	\$ 2,015,442	\$ 2,106,388
O&M - AIRTIME PERCENTAGE (1)								
Mesa	71.94%	71.33%	71.33%	71.33%	71.33%	71.33%	71.33%	71.33%
Gilbert	16.64%	16.48%	16.48%	16.48%	16.48%	16.48%	16.48%	16.48%
Apache Junction	8.16%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%
Ft McDowell	1.50%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%
Superstition Fire & Medical	0.63%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
Queen Creek	0.33%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%
Rio Verde	0.02%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
Southwest Ambulance	0.65%	0.71%	0.71%	0.71%	0.71%	0.71%	0.71%	0.71%
American Medical Response	0.13%	0.16%	0.16%	0.16%	0.16%	0.16%	0.16%	0.16%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
VHF SPECIAL ASSESSMENT (2)								
Mesa Fire & Medical	66.85%	66.85%	66.85%	66.85%	66.85%	66.85%	66.85%	66.85%
Gilbert Fire	18.81%	18.81%	18.81%	18.81%	18.81%	18.81%	18.81%	18.81%
Ft McDowell (100% staff time for additional VHF equipment)								
Superstition Fire & Medical	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%
Queen Creek Fire	5.73%	5.73%	5.73%	5.73%	5.73%	5.73%	5.73%	5.73%
Rio Verde Fire	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
ANNUAL ESTIMATED REVENUE: OPERATING & MAINTENANCE								
Mesa	\$ 1,375,751	\$ 1,296,076	\$ 1,337,161	\$ 1,351,873	\$ 1,376,167	\$ 1,402,178	\$ 1,431,551	\$ 1,496,242
Gilbert	319,211	300,444	312,979	316,502	322,241	328,380	335,298	350,380
Apache Junction	153,796	146,713	144,486	145,895	23,919	24,476	25,076	26,057
Ft McDowell	28,271	33,637	60,626	33,449	148,399	151,094	154,169	161,294
Superstition Fire & Medical	14,283	15,828	22,958	23,385	34,023	34,641	35,346	36,980
Queen Creek	7,922	9,932	14,989	15,279	15,634	16,005	16,403	17,035
Rio Verde	526	686	1,130	1,153	12,849	13,083	13,349	13,966
Southwest Ambulance	12,251	12,703	12,510	12,632	2,896	2,948	3,008	3,147
American Medical Response	2,450	2,863	2,819	2,847	1,181	1,210	1,241	1,287
TOTAL	\$ 1,914,461	\$ 1,818,882	\$ 1,909,658	\$ 1,903,015	\$ 1,937,309	\$ 1,974,015	\$ 2,015,441	\$ 2,106,388

(1) Normal partner assessments are allocated based on recent rolling 6 month airtime averages and are subject to change based on actual monthly data.

(2) Agency cost distribution for the Hazard Zone Communication VHF Special Assessment is based on 12 months average Airtime as of March 31, 2015.

TRWC Improvement Planning

PRELIMINARY

	CURRENT FY2017/18	FORECASTED FY 2018/19	PROPOSED FY 2018/19	FORECASTED					TOTAL	
				FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24		
Network Reliability Improvements:										
A. Fire VHF (CP0305)	\$ 505,308	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,001,476
B. TOPAZ Voice Radio Network Upgrade (CP0090)	433,828	433,828	433,828	433,828						2,169,140
C. Wireless Backhaul (Microwave) Network Upgrade (CP0093)	331,350									306,350
D. Radio Sites Emergency Power Upgrade (CP0094)		90,000	106,200	106,200	106,200	106,200	106,200	106,200	-	531,000
E. Florence Gardens ISR Site Lifecycle upgrade		300,000	354,000							354,000
F. Antenna & Transmission Lines Lifecycle Upgrade		200,000	236,000	236,000						472,000
G. Internet Protocol Network Routers & Switches Lifecycle	293,147			-	-					-
H. System-of-Systems Networking		500,000	619,500	-						619,500
I. Internet Protocol Network Routers & Switches Expansion		420,000	464,625							464,625
J. Communications Building UPS Battery Replacement		-	17,700						17,700	35,400
K. Southeast Queen Creek Expansion Site				560,992	939,008					1,500,000
L. Southeast Apache Junction Expansion Site					560,992	939,008				1,500,000
M. Northeast Mesa Expansion Site				-	-	560,992	939,008			1,500,000
N. West side Coverage Solution					371,700					371,700
O. Interface for non-Motorola Dispatch Console									309,750	309,750
P. Automated billing & Upgrade Management Tool					309,750	309,750				619,500
Total Improvements	\$ 1,563,633	\$ 1,943,828	\$ 2,231,853	\$ 1,337,020	\$ 2,287,650	\$ 1,915,950	\$ 1,045,208	\$ 327,450	\$ 10,381,477	
Normal Assessment to Members (1)										
Mesa	71.96% \$ 761,529	72.51% \$ 1,409,383	71.96% \$ 1,605,953	\$ 962,066	\$ 1,646,102	\$ 1,378,641	\$ 752,090	\$ 235,620	\$ 7,117,248	
Gilbert	16.62% 175,943	16.77% 325,996	16.62% 371,037	222,275	380,313	318,520	173,762	54,437	1,644,472	
Apache Junction	8.27% 87,544	8.22% 159,863	8.27% 184,618	110,598	189,234	158,487	86,459	27,087	817,325	
Ft McDowell	1.90% 20,071	1.51% 29,387	1.90% 42,327	25,357	43,385	36,336	19,822	6,210	184,614	
Superstition Fire & Medical	0.76% 8,007	0.63% 12,342	0.76% 16,886	10,116	17,308	14,496	7,908	2,477	73,854	
Queen Creek	0.46% 4,911	0.33% 6,465	0.46% 10,357	6,204	10,616	8,891	4,850	1,519	44,879	
Rio Verde	0.03% 320	0.02% 392	0.03% 675	405	692	580	316	99	2,917	
SubTotal	100.00% \$ 1,058,325	100.00% \$ 1,943,828	100.00% \$ 2,231,853	\$ 1,337,020	\$ 2,287,650	\$ 1,915,950	\$ 1,045,208	\$ 327,450	\$ 9,885,309	
Special Assessment to Members (VHF)(2)										
Mesa Fire & Medical	66.85% \$ 337,798	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 331,689	
Gilbert Fire	18.81% 95,048	-	-	-	-	-	-	-	93,329	
Superstition Fire & Medical	8.11% 40,980	-	-	-	-	-	-	-	40,239	
Queen Creek Fire	5.73% 28,954	-	-	-	-	-	-	-	28,430	
Rio Verde Fire	0.50% 2,527	-	-	-	-	-	-	-	2,481	
SubTotal	100.00% \$ 505,308	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 496,168	
Total Assessment to Members										
Mesa	70.31% \$ 1,099,327	72.51% \$ 1,409,383	71.96% \$ 1,605,953	\$ 962,066	\$ 1,646,102	\$ 1,378,641	\$ 752,090	\$ 235,620	\$ 7,448,937	
Gilbert	17.33% 270,991	16.77% 325,996	16.62% 371,037	222,275	380,313	318,520	173,762	54,437	1,737,801	
Apache Junction	5.60% 87,544	8.22% 159,863	8.27% 184,618	110,598	189,234	158,487	86,459	27,087	817,325	
Ft McDowell	1.28% 20,071	1.51% 29,387	1.90% 42,327	25,357	43,385	36,336	19,822	6,210	184,614	
Superstition Fire & Medical	3.13% 48,988	0.63% 12,342	0.76% 16,886	10,116	17,308	14,496	7,908	2,477	114,093	
Queen Creek	2.17% 33,865	0.33% 6,465	0.46% 10,357	6,204	10,616	8,891	4,850	1,519	73,309	
Rio Verde	0.18% 2,847	0.02% 392	0.03% 675	405	692	580	316	99	5,398	
Total	100.00% \$ 1,563,633	100.00% \$ 1,943,828	100.00% \$ 2,231,853	\$ 1,337,020	\$ 2,287,650	\$ 1,915,950	\$ 1,045,208	\$ 327,450	\$ 10,381,477	

(1) Normal partner assessments are allocated based on recent rolling 6 month airtime averages and are subject to change based on actual monthly data.

(2) Agency cost distribution for the Hazard Zone Communication VHF Special Assessment is based on 12 months average Airtime as of March 31, 2015.