



TRWC Board of Directors Meeting

May 6, 2021 - 9:00 a.m.

Video Conference: [Microsoft Teams Meeting](#)

Phone: 480-535-7460, Access Code 909878511#

Teams technical assistant please call 480-644-2588

Agenda

1) Call to Order and Opening Comments

- a. Audio and video recording
- b. Board representative rollcall

2) Public Comment

Members of the public may address the Board on items not on the printed agenda. Please address the Board by sending an email to gina.ross@mesaaz.gov by 9:00 a.m. on May 6, 2021. (limited to 500 words – identify your name, address and whether you wish your comment to be read at the meeting or just submitted as part of the written record). The Board may not discuss or take action on any issue raised during public comment until a later meeting. Speakers are limited to three (3) minutes each. Only one comment per person per Agenda Item will be allowed and comments without identifying name and address will not be read or submitted as part of the written record.

3) Discussion and Action on Board Meeting Minutes

December 10, 2020 Board Meeting Minutes

4) Committee Updates - Dale Shaw, Mike Dvorak, Dale Crogan

- a. Departure of Co-Chair Bob Badgett
- b. Introduction of Co-Chair Rob Duggan
- c. Executive Update – Mike Dvorak

5) Discussion and Possible Action on Network Administrator Updates

- a. Finance Update – Angie Huckaby
- b. Network Updates and Performance Overview – Denis Murphy, David Brunk

6) FirstNet /AT&T Updates – Geronimo Ramirez

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) Future Meetings Schedule

Date	Upcoming Agenda Items
9/9/21	Elections
12/9/21	

All meeting dates and times are posted on the TOPAZ website <http://topazrwc.org/> .

9) Adjournment



TRWC Board of Directors Meeting Minutes

December 10, 2020 - 9:00 a.m.

Video Conference: [MS Teams](#)

Phone: 480-535-7460, Access Code 79673845

Board of Directors and Alternates Attendees

John Kross, Matt Busby, Mike Farber, John Pombier, Mark Openshaw, Jay Ducote, Bob Badgett

Call to Order and Opening Comments

Chairman Kross opened the meeting at 9:00 a.m. and reviewed the audio recording procedures. Gina Ross completed the rollcall and the announcements of other participants. Bill Anger reviewed standard teleconference protocol and the Super Majority Vote procedures.

Public Comment

The Public had an opportunity to email items and/or comments to the Board by 9:00 a.m. No emails were received.

Discussion and Action on Board Meeting Minutes

There were no comments or actions regarding the Board Meeting Minutes from October 1, 2020. Matt Busby motioned for an approval of the minutes and Chief Mike Farber seconded the motion. All Board members who were in favor signaled by saying aye; there was no opposition, the motion passed unanimously.

Committee Updates

Bob Badgett, Co-Chairman of the Executive Committee, stated that the Executive Committee reviewed and evaluated the budget. There were some minor adjustments made with some requests from membership. The Executive Committee unanimously approves and recommends that the Board adopts the Fiscal Year 21/22 Budget.

There were no questions or comments from the Board.

Discussion and Action on Budget Adoption for Fiscal Year Budget 21/22

Dale Shaw reiterated that the Committee is recommending the adoption of the budget for Fiscal Year 21/22 in the amount of 4,295,321.00.

Angie Huckaby reviewed the budget starting with O&M. The major change in the O&M is a decrease in salary and wages. The noticed additions are in general and administrative area for legal, consulting, training and travel. A couple of other highlighted areas of change are materials and repair costs for the generators and software maintenance.

There were no questions from the Board. Matt Busby extended his thanks to the Executive Committee for their commitment.

Chief Mike Farber motioned for an approval of the Fiscal Year Budget 21/22 and Chief Mark Openshaw seconded the motion. The voting process was conducted by rollcall due to the teleconference and Super Majority Vote. Gina Ross directed the rollcall vote and all Board members were in favor; there was no opposition, the motion passed unanimously.

Chairman Kross thanked all who were involved and their commitment to the TRWC.

Comments from the Board

Chairman Kross provided an update on the upcoming Queen Creek Police Department. The process is moving along very well, is consistent with the projected timeline and is on budget. The transition should take place in January of 2022. Chairman Kross extended a thank you to the other cities, towns, and agencies in their assistance throughout the process.

Matt Busby commented on the State Trust land sale, that will soon be incorporated into the Apache Junction city limits. Apache Junction is working diligently with the developers on the next steps for the Master Community. Eventually this will expand the City of Apache Junction Police Department and the Superstition Fire and Medical District. If the TRWC staff or members have any questions regarding this expansion, please contact Matt Busby. Chairman Kross congratulated Matt on the Apache Junction expansion.

Future Meetings Schedule

Dale Shaw mentioned that we may need to move the first quarter meeting up to accommodate some actions that they are anticipating. This is relating to membership and interest that he recently received.

Date	Upcoming Agenda Items
3/11/21	
5/6/21	
9/9/21	Prelim Budget Review and Elections
12/9/21	

All meeting dates and times are posted on the TOPAZ website <http://topazrwc.org/> .

Adjournment

Chairman Kross adjourned the meeting at 9:25 am.

TOPAZ
Detail of Operating and Maintenance
Fiscal Year 2020/ 2021

Year to Date Through March 31,2021

Description	Budget	Updated Forecast	YTD Forecast*	YTD Actual	\$ Var	% Var
					From YTD Forecast	Incr/(Decr)
Personnel Services	\$ 398,266	\$ 398,266	\$ 291,041	\$ 211,542	\$ (79,499)	-27%
Insurance Premiums	8,662	8,662	6,497	-	(6,497)	-100%
Legal Services	12,703	12,703	9,527	15,702	6,175	65%
Temp Services	6,114	6,114	4,586	-	(4,586)	-100%
Leases and Rents - Land	25,781	25,781	19,336	-	(19,336)	-100%
Professional Services - Consulting	91,986	91,986	68,990	73,862	4,872	7%
Professional Services - Other	37,285	37,285	27,964	(0)	(27,964)	-100%
Utilities	70,000	70,000	52,500	41,630	(10,870)	-21%
Telephone	3,465	3,465	2,599	829	(1,770)	-68%
Repairs & Maintenance	31,589	31,589	23,692	-	(23,692)	-100%
Equipment Usage (Vehicles)	20,380	20,380	15,285	9,040	(6,245)	-41%
All Other Services	20,000	20,000	15,000	1,500	(13,500)	-90%
Sub-total Services	327,965	327,965	245,976	142,561	(103,415)	-42%
Motorola Contract	874,214	874,214	655,661	837,310	181,649	28%
Juniper Software	-	-	-	-	-	0%
Materials & Parts	25,000	25,000	18,750	12,059	(6,691)	-36%
Non Cap Assets	25,474	25,474	19,106	255	(18,851)	-99%
All Other Commodities	-	-	-	-	-	0%
Sub-total Commodities	924,688	924,688	693,517	849,624	156,107	23%
Subtotal O&M	1,650,919	1,650,919	1,230,534	1,203,728	(26,807)	-2%
Contingency - 1.5% of total O&M	25,636	25,636	19,227	-	(19,227)	-100%
VHF Operations	151,836	151,836	113,877	-	(113,877)	-100%
Total	\$ 1,828,391	\$ 1,828,391	\$ 1,363,638	\$ 1,203,728	\$ (159,911)	-12%

*YTD Forecast represents 9 months of operational costs plus any contractual expenses already incurred (i.e. one time payments such as Insurance Premiums, Land Rental and Motorola Contract).

TOPAZ
Detail of Capital Projects
Fiscal Year 2020/ 2021

Year to Date Through March 31, 2021

Project	Project ID	Year to Date Through March 31, 2021			\$ Var From YTD Forecast Incr/(Decr)	% Var
		Budgeted	YTD Forecast*	YTD Actual		
Site Expansion #1	CP0091	-	-	-	-	0.00%
TOPAZ Voice Radio Network Upgrade	CN0022	\$ -	\$ -	\$ -	\$ -	0.00%
Upgrade Shaw Bute & Florence Gardens to P25 Phase II	CP0906	-	-	-	-	0.00%
System-of-Systems Networking	CP0438	-	-	-	-	0.00%
Fire Hazard Zone System Coverage Improvement & Expansion	CP0907	236,000	177,000	224,575	47,575	26.88%
Fire Hazard Zone System Simulcast Timing Reference Lifecycle Upgrade	LF0402POM	98,872	74,154	72,367	(1,787)	-2.41%
System-of-Systems	CP0905	-	-	-	-	0.00%
Florence Gardens ISR Site Lifecycle upgrade	LF0224	-	-	-	-	0.00%
Radio & Core Sites Battery Backup Lifecycle Upgrade	LF0266	-	-	-	-	0.00%
Radio Sites Emergency Power Upgrade	LF0226	106,200	79,650	66,375	(13,275)	-16.67%
Communications Building UPS Battery Replacement	LF0228	-	-	-	-	0.00%
Internet Protocol Network Routers & Switches Upgrade	LF0248	-	-	-	-	0.00%
Antenna & Transmission Lines Lifecycle Upgrade	LF0282	236,000	177,000	199,454	22,454	12.69%
Consulting Services for VHF & 7/800 MHz Coverage Expansion		-	-	-	-	0.00%
Total Capital Projects		\$ 677,072	\$ 507,804	\$ 562,771	\$ 54,967	10.82%

Capital Assessment to Members

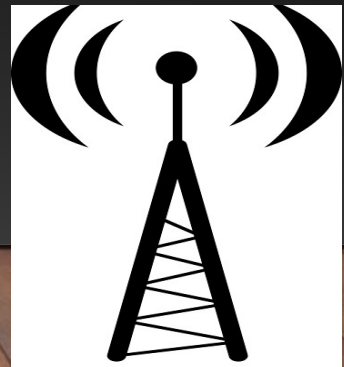
Mesa	71.96%	1,605,952	1,204,464	375,627	(828,837)	-68.81%	
Gilbert	16.62%	371,038	278,279	111,587	(166,692)	-59.90%	
Apache Junction	8.27%	184,618	138,464	56,057	(82,407)	-59.52%	
Ft McDowell	1.90%	42,327	31,745	10,275	(21,470)	-67.63%	
Superstition Fire & Medical	0.76%	16,886	12,665	4,753	(7,912)	-62.47%	
Queen Creek	0.46%	10,357	7,768	4,269	(3,499)	-45.04%	
Rio Verde	0.03%	675	506	205	(301)	-59.49%	
Total Assessment to Members		100.00%	\$ 2,231,853	\$ 1,673,891	\$ 562,773	\$ (1,111,118)	-66.38%

TRWC
6 MAY 2021
NETWORK UPDATE



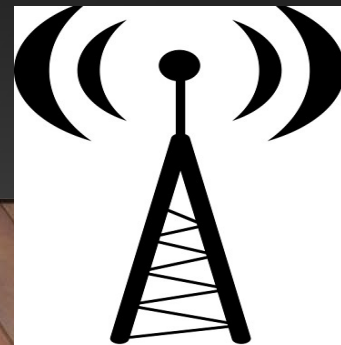
COMPLETED CIP FY20/21

- 800MHZ - Transmission Lines and Antennas
- VHF – Two new receiver sites FS261 & FS263
(1st set of VHF expansion sites)
- Radio sites replacement generators – Two sites completed this FY
(5 sites completed in two years)



IN PROGRESS TOPAZ PROJECTS

- VHF Simulcast Timing References Replacement
\$115K (FY21/22)
- First-Net PTT- 60 Day free trial is scheduled to start mid May





**Board
Approved**

**LARGE PROJECTS APPROVED BY THE
TRWC BOARD FOR FY 21/22**

- TOPAZ VHF & 800 MHz expansion site
 1. \$3.5M over three years
 2. \$1.35M FY21/22
 3. Working with Mesa Legal & Real Estate on land purchase

- Fire VHF Network Router Replacement
\$147K
- Upgrade Shaw Butte and Florence Gardens to
P25 Phase II (TDMA) \$287K

- Radio site emergency power upgrade,
\$106K per year through FY23/24
- VHF System Coverage improvements
\$371K per year through FY27/28

TOPAZ AVAILABILITY PERCENTAGES AUG2020-APR2021

- TOPAZ 800 MHZ SIMULCAST - 100%
- TOPAZ ISR (HIGH SITES) - 100%
 - SHA - 100%
 - FLO - 100%
 - TPK - 100%
- TOPAZ VHF - 100%

