

TRWC Board of Directors Meeting

September 22, 2022 - 2:00 p.m. Phoenix-Mesa Gateway Airport (PMGA) Administration Building, Board Room 5835 S. Sossaman Road Mesa, AZ 85212

Audio Conference: 480-535-7460 access number 527809419#

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
 - b. Speaker cards
 - c. Audio and video recording
 - d. Board representative roll-call
 - e. Welcome new Board Members Assistant Chief Dan Butler, Travis Cutright

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

May 19, 2022, Board Meeting Minutes

Approved (Vote: 7-0; All Board Members present)

- 4) Executive Committee Updates Chief Duggan
- 5) Policy Updates Director Shaw, Chuck Craig
- 6) Discussion and Action on FY 23/24 Preliminary Budget Executive Director Shaw, Chuck Craig

Approved (Vote: 7-0; All Board Members present)

- 7) Network Administrator Updates
 - a. Finance Update Executive Director Shaw
 - b. Network Updates and Performance overview Chuck Craig
- 8) Ratify Emergency Network Access Extension for Town of Florence Executive Director Shaw

Approved (Vote: 7-0; All Board Members present)

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.

10) Next TRWC Board Meetings:

December 13, 2022

11) Future Board of Directors Schedule

Date	Upcoming Agenda Items
12/13/2022	Budget Adoption
	2023 dates coming soon
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12) Retirement Recognition

Board of Directors, John Pombier

13) Adjournment



TRWC Board of Directors Meeting Minutes

May 19, 2022 - 11:00 a.m. to 12:00 p.m.

Video Conference: Microsoft Teams Meeting

Agenda

1) Call to Order and Opening Comments

- a. Audio and video recording
 - Chairman Kross called the meeting to order and welcomed the attendees. He also provided instruction on the process for public comment and reminded the participants the meeting is audio recorded.
- b. Board representative attendees: Chairman Kross, Director Pooley, Director Pombier, Director Barnhart, Director Mooney, Director Rhineheimer, Director Ducote

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 11:00 a.m. on May 19, 2022. (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.

No public comment requests were received.

3) Discussion and Action on Board Meeting Minutes

There were no questions or comments on the Board Meeting Minutes for March 17, 2022. Director Pombier motioned for an approval of the minutes and Director Rhineheimer seconded the motion. All Board members who were in favor signaled by saying aye; there was no opposition, the motion passed unanimously.

4) Ratify Emergency Network Access for Town of Florence - Dale Shaw

Mr. Shaw recommended the ratification of the Town of Florence Conditional Network Use. This agreement is to provide emergency network use between the Topaz Regional Wireless Cooperative Network and the Town of Florence. Director Pombier enquired if the Town of Florence has reached out to the TRWC for an extension. Mr. Shaw stated that Florence has not requested an extension at this time but is exploring a membership with the TRWC. Chairman Kross would like for the TRWC to have regular check in meetings with Florence on their progress so that we so that we are prepare for an extension or a possible alternative, if needed, at the conclusion of the agreement.

Chairman Kross motioned for an approval of the Ratify Emergency Network Access for Town of Florence; Director Ducote seconded the motion. All Board members who were in favor signaled by saying aye; there was no opposition, the motion passed unanimously.

5) <u>Executive Committee Updates</u> – Co-Chair Duggan

Co-Chair Duggan gave a brief review of the Executive Committee meetings. He stated that they have been discussing the financial carry overs and have had additional discussions on the enhanced data. The committee is still waiting on more information from Motorola, regarding the enhanced data, before any action is taken.

Mr. Shaw updated the board stating that the carry over amounts have been distributed to the agencies.

6) Network Administrator Updates

Ms. Huckaby gave an overview of the Finance Update. Operating and maintenance is right on target and Ms. Huckaby explained that on the Capital Projects, the negative variances correspond to the proposed carry over to next year. All other projects are right in line with the budget.

Mr. Craig gave a brief update on the Network Updates and Performance overview stating that we have a signed lease with Banner / Ironwood for the VHF expansion in the Queen Creek area.

There were no questions or comments from the Board.

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.

No comments from the Board

8) Next TRWC Board Meetings:

September 22, 2022

9) Future Board of Directors Schedule

Date	Upcoming Agenda Items
9/22/22	Prelim Budget Review
12/13/22	Budget Adoption

10) Adjournment

Chairman Kross adjourned the meeting at 11:20pm.

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



161 E Sixth PI PO Box 1466 Mesa, Arizona 85211-1466

Date: September 19, 2022

To: TOPAZ Regional Wireless Cooperative (TRWC) Board of Directors

Through: Dale Shaw, TRWC Executive Director

From: Chuck Craig, IT Manager

Subject: POLICY UPDATE

RECOMMENDATION

I recommended that the current policy statement be revised to reflect this change of responsibility.

BACKGROUND:

Currently, as described in section 7.5 of the TRWC Maintenance and Support Policy, City of Mesa PD is the point of contact for maintenance and management of Key Maintenance Facility and encryption for subscriber units. This process has moved to the City of Mesa Department of Innovation and Technology (Communications division).

REGIONAL WIRELESS COOPERATIVE	Maintenance &	Support Policy
Owner: <u>See Below</u>	Created: Sept. 14, 2009	Applicability: See Below
Category: Operations & Maintenance	Revised: Sept. 14, 2009	
Page: 1 of 6	Last Review: Sept. 14, 2009	

1.0 Purpose

1.1. The purpose of this policy is to establish the framework:

- 1.1.1. Necessary to identify, resolve, and report anomalies that occur within TRWC in such a manner as to minimize the operational impact to participating agencies and their subscribers.
- 1.1.2. Within which all maintenance activities pertaining to TRWC sites and facilities and TRWC infrastructure devices will be tracked and reported, including notification to Area Managers and Members of scheduled and unscheduled service affecting activities.

2.0 Owner

2.1. Administrative Manager

3.0 Applies To

- 3.1. Area Managers, Members, Associates, Interoperability Participants and Conditional Participants.
- 3.2. All personnel performing operations and planned or unplanned maintenance of the TRWC network infrastructure.

4.0 Background

- 4.1. The TRWC infrastructure is a critical enabling technology that supports public safety and public service operations with differing operational requirements. In anticipation of operational anomalies occurring within the network, and realizing that these anomalies must be triaged as expeditiously as possible, it is necessary to have policies in place that ensure network anomalies can be identified, reported, and resolved in a manner that minimizes the impact to Area Managers, Members, Associates, Interoperability Participants, and Conditional Participants that have operational subscribers on the network.
- 4.2. The operational stability of TRWC may be affected when the configuration of the TRWC network is altered. Proper notification of scheduled and unscheduled service affecting maintenance activities

will allow Members and Area Managers time to make necessary preparations. Conversely, unauthorized disruptions in TRWC operations caused by the lack of notification will create safety issues that must be addressed by the Administrative Manager.

5.0 Policy Statement

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7.0 Responsibilities

- 7.1. The management of the TRWC infrastructure is the responsibility of the Administrative Manager.
- 7.2. The Administrative Manager will establish on-call after-hour support for anomaly resolution.
- 7.3. The Administrative Manager will ensure that TRWC reporting activities for anomalies will be conducted seven (7) days a week and twenty-four (24) hours a day.
- 7.4. The Administrative Manager will:
- 7.4.1. Establish and maintain processes and procedures for operations and maintenance of the TRWC infrastructure.
- 7.4.2. Identify and resolve network anomalies. Field service personnel will be dispatched when problems cannot be resolved remotely.
- 7.4.3. Log problems and track them to closure.
- 7.4.4. Analyze all logged problems to ensure network performance standards are maintained.
- 7.4.5. Ensure that network log files are regularly reviewed and that cases are opened to resolve anomalies as necessary.
- 7.4.6. Provide system performance reports.
- 7.4.7. Maintain access to field replaceable units (FRUs) sufficient to mitigate equipment failures in a timeframe agreeable to TRWC Members.
- 7.4.8. Maintain current software licensing on all TRWC infrastructure components.
- 7.4.9. Maintain technical support necessary to operate, troubleshoot, and optimize the TRWC infrastructure.
- 7.4.10. Incident types, response times, and appropriate actions are defined by severity level in accordance with procedures established by the Administrative Manager.
- 7.4.11. Ensure that all operations and maintenance personnel, and third party support providers, are aware of this Maintenance & Support Policy; are trained in the appropriate processes, procedures, and response times; and have access to the necessary contact information to invoke various levels of support activities.
- 7.4.12. Perform scheduled maintenance on the TRWC infrastructure in a manner that is consistent with industry best practices and manufacturer recommendations.
- 7.4.13. Operate the TRWC network in accordance with the Network Security category polices.

- 7.4.14. Responsible for notifying the Members and Area Managers of scheduled and unscheduled service affecting maintenance activities.
- **7.5** City of Mesa Communication Division is the point of contact for key management and encryption. Requests for key management and encryption support are to be submitted to City of Mesa Communication Division during normal business hours if possible. After hours, the point of contact for emergency support of key management and encryption is Mesa PD dispatch.
- 7.6. Area Managers and Members are responsible for providing their own dispatch console maintenance.
- 7.6.1. Area Managers and Members are responsible for notifying the



Date: September 22, 2022

To: Topaz Regional Wireless Cooperative (TRWC) Board of Directors

From: Dale Shaw, TRWC Executive Director

Rob Duggan, TRWC Executive Committee Co-chairman

Subject: Fiscal Year 2023/2024 Budget

Recommendation

The TRWC Executive Director and Executive Committee recommends the review and consideration of the Preliminary TRWC Budget (attached) in the amount of \$5,914,288 for Fiscal Year 2023/2024.

Background & Discussion

The attached Preliminary Budget for Fiscal Year 2023/2024 has been under review and endorsed by the TRWC Executive Committee. When compared to the current 2022/2023 Fiscal Year Budget, the proposed Operating & Maintenance expenses will increase by \$236,539 (predominately due to increases in staffing and maintenance costs). When compared to the previously presented forecast, Capital expenditures will increase by \$1,289,428 (predominately due to accelerated land acquisition costs, planned carryover, and console upgrade passthrough costs).

Fiscal Impact

The Preliminary Budget represents the total planned contribution by all member agencies for the ongoing operation, maintenance, and improvement of the TRWC radio network. Each member agency will be invoiced as actual expenditures occur on a monthly basis using the cost allocation methodology outlined in the adopted Budget.

TRWC Operating & Maintenance Budget					CHANGE
Summary of Labor and Non-labor		FY 22/23	FY 23/24 DRAFT		FY22/23 to
		BUDGET	BUDGET		FY23/24
ESCALATION FACTOR Salaries and Wages (4)	\$	366,626	8.00% 508,188	\$	141,562
Total Labor	\$	366,626	\$ 508,188	\$	141,562
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ESCALATION FACTOR GENERAL & ADMINISTRATIVE - OTHER SERVICES		1.90%	8.00%		
Temp Services	\$	6,349	6,857	\$	508
Prof Services - TRWC Executive Director		95,515	103,156		7,641
Prof Services - Legal, Consulting & Other (5)		242,322	186,708		(55,614)
Ins. Premiums - Agencies		8,994	9,714		720
Utilities Telephone		72,685 3,598	87,920 3,886		15,235 288
Repairs & Maint		32,801	35,425		2.624
Equipment Usage (Vehicles)		21,162	22,855		1,693
Shaw Butte & Florence Gardens-Land		26,770	28,912		2,142
Training		20,380	22,010		1,630
Travel		20,380	22,010		1,630
Networking Subscription Costs		12,000	12,960		960
All Other Services TOTAL OTHER SERVICES	\$	562.956	\$ 542.413	\$	(20,543)
1017F OTHER SERVICES	φ	502,350	ψ υ+∠,413	φ	(20,043)
GENERAL & ADMINISTRATIVE - COMMODITIES					
Non Cap Assets	\$	13,226	14,284	\$	1,058
Contract - Motorola (Preventative & Security Monitoring) (6)		975,000	1,082,910		107,910
Software Maint-Mainsaver, Juniper		67,562	72,967		5,405
Materials & Repair Parts All Other Commodities		31,054	33,538		2,484
TOTAL COMMODITIES	\$	1,086,842	\$ 1,203,699	\$	116,857
TOTAL COMMODITIES	Ψ	1,000,042	ψ 1,203,099	Ψ	110,001
OTHER BUDGET ITEMS					
PROPOSED CONTINGENCY - 1.5%	\$	29,487	26,018	\$	(3,469)
VHF OPERATIONS (special assessment)		26,663	28,795		2,132
VHF Equipment Staff Time (special assessment)	_	29,098	29,098	•	- (4.007)
TOTAL OTHER BUDGET ITEMS	\$	85,248	\$ 83,911	\$	(1,337)
Total Operating & Maintenance	\$	2,101,672	\$ 2,338,211	\$	236,539
OSM AIDTIME DEDCENTAGE (4)					
O&M - AIRTIME PERCENTAGE (1) Mesa		67.08%	66.33%		-0.75%
Gilbert		19.45%	16.17%		-3.28%
Apache Junction		9.15%	10.20%		1.05%
Ft McDowell		2.21%	1.45%		-0.76%
Superstition Fire & Medical		0.72%	0.79%		0.07%
Queen Creek Rio Verde		0.64% 0.02%	4.56%		3.92% 0.02%
Southwest Ambulance		0.02%	0.04% 0.38%		-0.18%
American Medical Response		0.17%	0.08%		-0.09%
Total		100.00%	100.00%		0.00%
VHF SPECIAL ASSSESSMENT (2,3)					
Mesa Fire & Medical		68.68%	68.68%		0.00%
Gilbert Fire		17.16%	17.16%		0.00%
Superstition Fire & Medical Queen Creek Fire		10.01% 3.22%	10.01% 3.22%		0.00% 0.00%
Rio Verde Fire		0.93%	0.93%		0.00%
Total	_	100.00%	100.00%		0.00%
ANNUAL ESTIMATED REVENUE: OPERATING & MAINTENANCE					
Mesa		1,410,694	1,552,296		141,602
Gilbert		407,498	378,662		(28,836)
Apache Junction		187,201	232,592		45,392
Ft McDowell		45,215	33,065		(12,150)
Superstition Fire & Medical		20,312	23,810		3,497
Queen Creek		14,889	105,847		90,957
Rio Verde Southwest Ambulance		928 11,457	1,451 8,665		523 (2,792)
American Medical Response		3,478	1,824		(1,654)
Total	\$		\$ 2,338,211	\$	236,539
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⁽¹⁾ Normal partner assessments are allocated based on July, 2022 6-month rolling average airtime and will change based on actual monthly data.

⁽²⁾ For FY 19/20 Endorsed Budget, agency cost distribution for the Fire Hazard Zone Communication (VHF) Special Assessment is based on 12 months average Airtime as of March 31, 2015.

(3) For FY 20/21 Proposed Budget, agency cost distribution for the Fire Hazard Zone Communication (VHF) Special

Assessment is based on Call Volume July 1, 2018 - June 30, 2019.

⁽⁴⁾ Standard Escalator 1.9% increased to 8% plus new hire

^{(5) \$100,000} FOR Cyber Security + \$25,000 from Capital Possible increase to web site refresh-

⁽⁶⁾ New Radio Site and Maintance

TRWC Capital Budget Plan	PROJECT								FOR	CAST							TOTAL	
	ID.	Proposed new with Carry over FY 22/23	Final FY 22/23	New Draft FY 23/24	Proposed FY 23/24 From	New Proposal FY	Proposed FY 24/25 From	New Proposal FY		New Proposal FY		New Proposal FY	Proposed FY 27/28 From	Proposal FY	Proposed FY 28/29 From	EV 20/20	0.4	23/24
	ID				last year	24/25	last year	25/26	last year	26/27	last year	27/28	last year	28/29	last year	FY 29/30	9 Years	Difference
ESCALATION FACTOR Site Expansion #1 H60 Includes \$174,822 roll forward from 21-22 Site Expansion #2 WOL Site Expansion #3 QC Land Purchase System-05-ystems Networking Expansion CP0438	CP0091 CP0754 CP0779 CP0905	1,764,822 790,276	1,590,000 790,276	570,640 1,033,111 475,000	570,640 1,033,111 25,475	7.00% 1,052,740 1,375,650	560,000 590,276 - 25,000	7.00% - - 1,750,000	1,013,847 -	7.00% - - 610,000	- - -	7.00% - - -	605,703	7.00%	1,040,515		\$ 2,876,127	\$ - \$ - \$ 475,000 \$ (25,475)
Upgrade Shaw Butte and Florence Gardens to P25 Phase II (TDMA) Includes \$287,406 roll forward from 21-22 Radio Sites Emergency Power Typarde \$66,333 roll forward from 21-22 Communications Building UPS Battery Replacement	CP0906 LF0226 LF0228	574,812 172,533 17,700	287,406 106,200 17,700		108,218		106,200			18,036	-	:	17,700	-	-		\$ 574,812 \$ 172,533 \$ 35,736	\$ - \$ (108,218) \$ -
Internet Protocol Network Routers & Switches Upgrade (Work in FY25) Radio & Core Sites Battery Backup Lifecycle Upgrade (CRS) Includes \$31,910 r forward from 21-22 Radio & Core Sites DC Power Plant Lifecycle Upgrade	LF0248	31,910	-	-	-	400,000 90,000	-	428,000 96,300 750,000	71,433	256,800 103,041 802,500	71,433 750,000	-	89,292 750,000		- : -		\$ 1,084,800 \$ 321,251	\$ - \$ -
Enhanced data TBD Antenna & Transmission Lines Lifecycle Upgrade TOPAZ P25 Voice Radio Network Lifecycle Upgrade (FY28) Wireless Backhaul (Microwave) Network Lifecycle Upgrade (Includes Antennas	LF0282 New	371,000 - -	371,000 - -	:	-	-	-	-	-	-	-	2,038,000	-	-	-			\$ - \$ - \$ -
and tower work 5 microwave shots) Consulting Services for VHF & 7/800 MHz Coverage Expansion includes \$40,00 roll forward from 21-22 Sub-termination of the state of the sta		167,265 40,000 3.930.318	167,265 - 3,329,847	300,000	170,443 - 1.907.887	420,000 - 3.338.390	167,265 40,000 1 488 741	3.024.300	167,265	1.790.377	821.433	2.038.000	1.462.695	-	1.040.515	,	\$ 887,265 \$ 40,000 \$ 16,500,136	\$ 129,557 \$ - \$ 470.864
Fire Hazard Zone System Coverage Improvement and Expansion (Gilbert/Quee Creek Includes \$103.62 ord if orward 21-22 Fire Hazard Zone System Lifecycle Upgrade Router Refresh replacement in FY2	n CP0907	475,320	371,700	450,000	378,762	481,500	385,959	515,205	393,292	551,269	400,765	589,858	408,379	631,148	416,138	675,328		\$ 71,238
(Motorola goute is \$39,000. FY23+FY24 money to complete the project) include \$147,500 roll forward from 21-22 Fire Hazard Zone System Simulcast Timing Reference Lifecycle Upgrade includes \$3,338 roll floward from 21-22	LF0465CAP	147,500 43,238	-	150,000		-	-	-	-	-	-	-	-	-	-		\$ 297,500 \$ 43,238	\$ 150,000 \$
Sub-total VHF Special Assessment Proje	New	666.058	371.700	600.000	378.762	481.500	385.959	515.205	393.292	551.269	400.765	589.858	408.379	631.148	416.138	675 328	\$ - \$ 4.035.038	\$ -
Console Upgrade from MCC 7500 to AXS (1)	New	000,000	3/1,/00	597.326	370,702	655.221	303,333	675 197	333,232	765.773	400,703	842.966	400,373	864.795	410,130		\$ - \$ 4.401.278	221,200
Sub-total AXS Console Upgrade Special Assessment Proje			+															
	010			597,326	-	655,221	-	675,197	-	765,773		842,966	-	864,795	-	-	\$ 4,401,278	-
Total Capital & Fire Special Assessment Proje		\$ 4,596,376	\$ 3,701,547		\$ 2,286,649	,==:	\$ 1,874,700		\$ 1,645,837		\$ 1,222,198	,,,,,,	\$ 1,871,074		\$ 1,456,653			\$ 692,102
	cts	\$ 4,596,376	\$ 3,701,547		\$ 2,286,649	,==:	\$ 1,874,700		\$ 1,645,837		\$ 1,222,198	,,,,,,	\$ 1,871,074		\$ 1,456,653			\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa	cts 67.55%	2,654,929	2,249,311	\$ 3,576,077	1,288,778	\$ 4,475,111	1,005,645	\$ 4,214,702	846,094	\$ 3,107,419	554,878	\$ 3,470,824	988,049		702,868	\$ 862,590 126,496	\$ 24,936,452	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction	67.55% 19.60% 9.22%	2,654,929 770,342 362,375	2,249,311 652,650 307,012	\$ 3,576,077 1,606,845 466,235 219,321	1,288,778 373,946 175,907	\$ 4,475,111 2,255,082 654,324 307,800	1,005,645 291,793 137,262	\$ 4,214,702 2,042,915 592,763 278,840	846,094 245,499 115,485	\$ 3,107,419 1,209,400 350,914 165,073	554,878 161,001 75,736	\$ 3,470,824 1,376,668 399,448 187,904	988,049 286,688 134,860		702,868 203,941 95,935	\$ 862,590 126,496 36,703 17,266	\$ 24,936,452 15,829,283 4,592,953 2,160,563	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction F1 McDowell	67.55% 19.60% 9.22% 2.23%	2,654,929 770,342 362,375 87,646	2,249,311 652,650 307,012 74,256	\$ 3,576,077 1,606,845 466,235 219,321 53,046	1,288,778 373,946 175,907 42,546	\$ 4,475,111 2,255,082 654,324 307,800 74,446	1,005,645 291,793 137,262 33,199	\$ 4,214,702 2,042,915 592,763 278,840 67,442	846,094 245,499 115,485 27,932	\$ 3,107,419 1,209,400 350,914 165,073 39,925	554,878 161,001 75,736 18,318	\$ 3,470,824 1,376,668 399,448 187,904 45,447	988,049 286,688 134,860 32,618		702,868 203,941 95,935 23,203	\$ 862,590 126,496 36,703 17,266 4,176	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction F1 McDowel Superstition Fire & Medical Queen Creek	67.55% 19.60% 9.22% 2.23% 0.72% 0.65%	2,654,929 770,342 362,375 87,646 28,298 25,547	2,249,311 652,650 307,012 74,256 23,975 21,644	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462	1,288,778 373,946 175,907 42,546 13,737 12,401	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700	1,005,645 291,793 137,262 33,199 10,719 9,677	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658	846.094 245.499 115.485 27,932 9,018 8,142	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637	554,878 161,001 75,736 18,318 5,914 5,339	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247	988,049 286,688 134,860 32,618 10,531 9,508		702.868 203.941 95.935 23,203 7,492 6,763	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction FI McDowell Supersition Fire & Medical Queen Creek Rio Verde	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03%	2,654,929 770,342 362,375 87,646 28,298 25,547	2,249,311 652,650 307,012 74,256 23,975 21,644 999	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 714	1,288,778 373,946 175,907 42,546 13,737 12,401 572	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700 1,002	1,005,645 291,793 137,262 33,199 10,719 9,677 447	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658 907	846,094 245,499 115,485 27,932 9,018 8,142 376	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637 537	554,878 161,001 75,736 18,318 5,914 5,339 246	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247 611	988.049 286.688 134.860 32,618 10,531 9,508 439		702.868 203.941 95.935 23.203 7.492 6.763 312	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318 7,030	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction FI McDowell Superstition Fire & Medical Queen Creek Rio Verde Sub-to	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03%	2,654,929 770,342 362,375 87,646 28,298 25,547	2,249,311 652,650 307,012 74,256 23,975 21,644	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462	1,288,778 373,946 175,907 42,546 13,737 12,401	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700	1,005,645 291,793 137,262 33,199 10,719 9,677	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658	846.094 245.499 115.485 27,932 9,018 8,142	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637	554,878 161,001 75,736 18,318 5,914 5,339	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247	988,049 286,688 134,860 32,618 10,531 9,508		702.868 203.941 95.935 23,203 7,492 6,763	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction FI McDowell Superstition Fire & Medical Queen Creek Rio Verde Sub-tc VHF Special Assessment Mesa Fire & Medical Gilbert Fire Superstition Fire & Medical	67.55% 19.60% 9.22% 2.23% 2.23% 0.65% 0.03% tal 100.00%	2,654,929 770,342 362,375 87,646 28,298 25,547 1,179 3,930,316 457,449 114,296 66,672	2,249,311 652,650 307,012 74,256 23,975 21,644 999 3,329,847 255,284 63,784 37,207	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 714 2,378,750 412,079 102,960 60,060	1,288,778 373,946 175,907 42,546 13,737 12,401 572 1,907,887	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700 1,002 3,338,390 330,693 82,625 48,198	1,005,645 291,793 137,262 33,199 10,719 9,677 447 1,488,742 265,076 66,231 38,634	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658 907 3,024,300 353,842 88,409 51,572	846.094 245.499 115.485 27,932 9,018 8,142 376 1,252,546 270,112 67,489 39,369	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637 537 1,790,377 378,611 94,598 55,182	554.878 161.001 75,736 18,318 5,914 5,339 246 821,432 275,244 68,771 40,117	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247 611 2,037,999 405,113 101,220 59,045	988.049 286.688 134.860 32.618 10,531 9.508 439 1,462.693 280.474 70.078 40.879	\$ 1,495,943 	702.868 203.941 95.935 23.203 7.492 6.763 312 1,040.514 285.803 71.409	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56 187,262 463,815 115,886 67,600	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318 7,030 23,433,432 3,207,399 801,386 467,476	\$ 692.102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction Fit McDowell Superstition Fire & Medical Queen Creek Rio Verde WHF Special Assessment Mesa Fire & Medical Gilbert Fire Superstition Fire & Medical Queen Creek Fire Fire Superstition Fire & Medical Queen Creek Fire Fire Superstition Fire & Medical Queen Creek Fire Fire Verde Fire	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03% 100.00% 68.68% 17.16% 3.22% 0.93%	2.654.929 770.342 362.375 87.646 28.298 25.547 1.179 3.930.316 457.449 114.296 66.672 21.447 6,194	2.249.311 652.650 307.012 74.256 23.975 21.644 999 3.329.847 255.284 63.784 37.207 11.969 3.457	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 2,378,750 412,079 102,960 60,060 19,320 5,580	1,288,778 373,946 175,907 42,546 13,737 12,401 572 1,907,887 260,133 64,996 37,914 12,196 3,522	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700 1,002 3,338,390 330,693 82,625 48,198 15,504 4,478	1,005,645 291,793 137,262 33,199 10,719 9,677 447 1,488,742 265,076 66,231 38,634 12,428 3,589	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658 907 3,024,300 353,842 88,409 51,572 16,590 4,791	846.094 245.499 115.485 27,932 9,018 8.142 376 1,252,546 270,112 67,489 39,369 12,664 3,658	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637 537 1,790,377 378,611 94,598 55,182 17,751 5,127	554.878 161.001 75.736 18.318 5.914 5.339 246 821.432 275.244 68.771 40.117 12.905 3,727	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247 611 2,037,999 405,113 101,220 59,045 18,993 5,486	988.049 286.688 134.860 32,618 10,531 9,508 439 1,462,693 280,474 70,078 40,879 13,150 3,798	\$ 1,495,943 	702.868 203.941 95.935 23,203 7,492 6,763 312 1,040,514 285.803 71,409 41,655 13,400 3,870	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56 187,262 463,815 115,886 67,600 21,746 6,281	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318 7,030 23,433,432 3,207,399 801,386 467,476 150,377 43,432	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction Fit McDowell Superstition Fire & Medical Queen Creek Rio Verde Sub-to WHF Special Assessment Mesa Fire & Medical Queen Creek Sub-to Superstition Fire & Medical Queen Creek Rio Verde Sub-to Superstition Fire & Medical Queen Creek Fire & Medical Queen Creek Fire Rio Verde Fire Sub-to	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03% 100.00% 68.68% 17.16% 3.22% 0.93%	2.654,929 770,342 362,375 87,646 28,298 25,547 1,179 3,930,316 457,449 114,296 66,672 21,447	2,249,311 652,650 307,012 74,256 23,975 21,644 999 3,329,847 255,284 63,784 37,207 11,969	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 714 2,378,750 412,079 102,960 60,060 19,320	1,288,778 373,946 175,907 42,546 13,737 12,401 572 1,907,887 260,133 64,996 37,914	\$ 4,475,111 2,255,082 654,324 307,800 74,446 24,036 21,700 1,002 3,338,390 330,693 82,625 48,198 15,504	1,005,645 291,793 137,262 33,199 10,719 9,677 447 1,488,742 265,076 66,231 38,634 12,428	\$ 4,214,702 2,042,915 592,763 278,840 67,442 21,775 19,658 907 3,024,300 353,842 88,409 51,572 16,590	846.094 245.499 115.485 27,932 9,018 8.142 376 1,252,546 270.112 67.489 39.369 12,664	\$ 3,107,419 1,209,400 350,914 165,073 39,925 12,891 11,637 537 1,790,377 378,611 94,598 55,182 17,751	554.878 161.001 75.736 18,318 5,914 5,339 246 821.432 275.244 68.771 40.117 12,905	\$ 3,470,824 1.376,668 399,448 187,904 45,447 13,247 611 2.037,999 405,113 101,220 59,045 18,993	988.049 286.688 134.860 32.618 10.531 9.508 439 1,462.693 280.474 70.078 40.879 13.150	\$ 1,495,943 	702.868 203.941 95.935 23.203 7.492 6.763 312 1,040.514 285.803 71.409 41.655 13,400	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56 187,262 463,815 115,886 67,600 21,746	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,318 7,030 23,433,432 3,207,399 801,386 467,476 150,377	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction Fit McDowel Supersition Fire & Medical Queen Creek Rio Verde VHF Special Assessment Mesa Fire & Medical Gilbert Fire Supersition Fire & Medical Queen Creek Fire Supersition Fire & Medical Queen Creek Fire Supersition Fire & Medical Queen Creek Fire Rio Verde Fire Supersition Fire & Medical Gueen Creek Fire Supersition Fire & Medical Gueen Creek Fire Sub-total Special Assestment SAU Mesa Gilbert (\$400,000 billed directly to Gilbert upon contract signing) Apache Junction FD	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03% 100.00% 68.68% 17.16% 3.22% 0.93%	2.654.929 770.342 362.375 87.646 28.298 25.547 1.179 3.930.316 457.449 114.296 66.672 21.447 6,194	2.249.311 652.650 307.012 74.256 23.975 21.644 999 3.329.847 255.284 63.784 37.207 11.969 3.457	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 714 2,378,750 412,079 102,960 60,060 19,320 5,580 599,999 458,703 77,683 17,500	1,288,778 373,946 175,907 42,546 13,737 12,401 572 1,907,887 260,133 64,996 37,914 12,196 3,522	\$ 4.475.111 2.255.082 654.324 654.324 654.324 624.036 330.693 38.2625 48.198 45.504 4.478 481.498	1,005,645 291,793 137,262 33,199 10,719 9,677 447 1,488,742 265,076 66,231 38,634 12,428 3,589	\$ 4.214,702 2.042,915 592,763 278,840 67,442 21,775 19,658 19,658 30,24,300 353,842 88,409 51,572 16,590 4,791 515,204	846.094 245.499 115.485 27,932 9,018 8.142 376 1,252,546 270,112 67,489 39,369 12,664 3,658	\$ 3,107,419 1,209,400 350,914 155,073 39,925 12,891 11,637 537 1,790,377 378,611 94,598 55,182 17,751 517,257 551,269	554.878 161.001 75.736 18.318 5.914 5.339 246 821.432 275.244 68.771 40.117 12.905 3,727	\$ 3,470,824 1,376,688 399,484 187,904 45,447 14,674 12,037,999 405,113 101,220 59,045 18,993 5,486 589,857 635,274 134,300 17,500	988.049 286.688 134.860 32,618 10,531 9,508 439 1,462,693 280,474 70,078 40,879 13,150 3,798	\$ 1,495,943 	702.868 203.941 95.935 23,203 7,492 6,763 312 1,040,514 285.803 71,409 41,655 13,400 3,870	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56 187,262 463,815 115,886 67,600 21,746 6,281	\$ 24,936,452 15,829,285 3,4,592,285 3,220,566 168,720 152,318 7,030 23,433,432 3,207,399 801,366 467,476 150,377 43,432 4,670,070 3,275,079 1,126,211 105,000	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesia Gilbert Apache Junction Fit McDowell Superstition Fire & Medical Queen Creek Rio Verde VHF Special Assessment Mesa Fire & Medical Gilbert Fire Superstition Fire & Medical Queen Creek File Superstition Fire & Medical Queen Creek Fire Superstition Fire & Medical Queen Creek Fire Rio Verde Fire Superstition Fire & Medical Gueen Creek Fire Rio Verde Fire Sub-total Special Assestment SAU Mesia Gilbert (\$400,000 billed directly to Gilbert upon contract signing)	67.55% 19.60% 9.22% 2.22% 0.03% 0.03% 100.00% 400.000 400.000	2.654.929 770.342 362.375 87.646 28.298 25.547 1.179 3.930.316 457.449 114.296 66.672 21.447 6.194 666.058	2.249.311 652.650 307.012 74.256 23.975 21.644 999 3.329.847 255.284 63.784 37.207 11.969 3.457	\$ 3,576,077 1,606,845 466,235 219,321 15,3046 17,127 15,462 714 2,378,750 412,079 102,960 60,060 19,320 5,589 599,999 458,703 77,683	1,288,778 373,946 175,907 42,546 13,737 12,401 572 1,907,887 260,133 64,996 37,914 12,196 3,522	\$ 4.475,111 2.255,082 654,324 307,800 74,446 24,036 21,700 1,002 3.338,390 330,693 82,625 84,198 451,498 451,498 472,464 4,478 472,464 120,513 17,500 44,778	1,005,645 291,793 137,262 33,199 10,719 9,677 447 1,488,742 265,076 66,231 38,634 12,428 3,589	\$ 4.214,702 2.042,915 592,763 278,840 67,442 21,775 19,658 907 3.024,300 353,842 88,409 51,572 16,590 4,791 515,204 486,637 124,974	846.094 245.499 115.485 27,932 9,018 8.142 376 1,252,546 270,112 67,489 39,369 12,664 3,658	\$ 3.107.419 1,209.400 350.914 155.073 39.925 12.891 11.637 537 1,790.377 378.611 94.598 55.182 17,751 51.227 571,237	554.878 161.001 75.736 18.318 5.914 5.339 246 821.432 275.244 68.771 40.117 12.905 3,727	\$ 3,470,824 1,376,668 399,448 187,904 45,447 14,674 13,247 611 2,037,999 405,113 101,220 59,045 18,993 5,486 689,657 635,274 134,300 17,500 55,588	988.049 286.688 134.860 32,618 10,531 9,508 439 1,462,693 280,474 70,078 40,879 13,150 3,798	\$ 1,495,943 	702.868 203.941 95.935 23,203 7,492 6,763 312 1,040,514 285.803 71,409 41,655 13,400 3,870	\$ 862,590 126,496 36,703 17,266 4,176 1,348 1,217 56 187,262 463,815 115,886 67,600 21,746 6,281	\$ 24,936,452 15,829,283 1,582,953 2,160,563 522,565 152,248 7,030 23,433,432 4,670,070 3,275,079 1,126,211 105,000 29,4390	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesia Gilbert Apacho Junction Fit McDowell Superstition Fire & Medical Queen Creek Rio Verde VHF Special Assessment Mesa Fire & Medical Gilbert Fire Supersition Fire & Medical Queen Creek File Supersition Fire & Medical Gilbert Fire Supersition Fire & Medical Queen Creek Fire Rio Verde Fire Supersition Fire & Medical Gilbert (\$400.000 billed directly to Gilbert upon contract signing) Apacho Junction PD Fit McDowell Total Capital + Fire Special Assessment Mesa	67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03% 100.00% 68.68% 17.16% 0.93% 10.01% 3.22% 0.93% 100.00%	2.654.929 770.342 362.375 87.646 28.298 25.547 1.179 3.930.316 457.449 114.296 66.672 21.447 6.194 666.058	2,249,311 652,650 307,012 74,256 23,975 21,644 999 3,329,847 255,284 63,784 37,207 11,969 3,457 371,701	\$ 3.576,077 1.606,845 1.606,845 1.606,845 1.606,845 1.606,845 1.606,235 1.53,046 1.7127 1.5402 1.7147 1.5402 1.7147 1.714	1.288.778 373.946 175.907 42.546 13.737 12.401 572 1.907.887 260.133 64.996 37.914 12.196 3.522 378.761	\$ 4.475.111 2.255.082 654.324 654.324 674.806 24.036 21.700 1.002 3.338.390 330.638 32.625 48.198 45.504 4.478 481.498 472.464 120.513 17.500 44.744 655.221	1.005,645 291,793 137,262 33,199 10,719 9,677 447 1.488,742 265,076 66,231 38,634 12,428 3,589 385,958	\$ 4.214,702 2.042,915 592,763 278,840 67,442 21,775 19,658 907 3.024,300 48,8409 51,572 16,590 4,791 515,204 46,637 124,974 17,500 46,086 675,197	846,094 245,499 115,485 27,932 9,018 8,142 376 1,252,546 270,112 67,489 39,369 12,664 3,658 393,292	\$ 3.107.419 1.209.4014 15.073 309.0914 155.073 309.0925 12.2891 11.637 537 1.790.377 378.611 94.598 55.182 17.751 571.237 129.558 17.500 47.468 765.773	554 878 161 001 75,736 18,318 5,914 5,339 246 821,432 275,244 68,771 40,117 12,905 3,727 400,764	\$ 3,470,824 1.376,668 399,448 187,904 487,497 14,674 13,247 611 2.037,999 405,113 101,220 59,045 18,993 5,486 589,857 43,496 635,274 134,300 17,500 55,882 842,966	988,049 286,688 134,860 334,880 34,880 35,9508 439 1,462,693 1,462,693 408,379	\$ 1,495,943 	702.868 203.941 95.935 23.203 7.492 6.763 312 1,040.514 285.803 71.409 41.655 13.670 416.137	\$ 862.590 126.496 36.703 17.266 4.176 1.348 1.217 56 187.262 463.815 115.886 67.600 21.746 6.281 675.328	\$ 24,936,452 15,829,283 1,582,953 2,160,563 522,565 168,720 152,218 7,030 23,433,432 46,770,070 3,275,079 1,126,211 105,000 29,490 4,801,280 23,226,660	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesia Gilbert Apache Junction F1 McDowell Supersition Fire & Medical Queen Creek Rio Verde VHF Special Assessment Mesa Fire & Medical Gilbert Fire Supersition Fire & Medical Coeen Creek Fire Rio Verde Fire Fire Supersition Fire & Medical Gueen Creek Fire Rio Verde Fire Sub-total Assessment SAU Mesa Gilbert (\$400,000 billed directly to Gilbert upon contract signing) Apache Junction PD F1 McDowell Total Capital + Fire Special Assessment	67.55% 19.60% 9.22% 2.22% 0.03% 0.03% 100.00% 400.000 400.000	2.654.929 770.342 362.375 87.646 28.288 25.547 3.930.316 457.449 114.296 66.672 21.447 6.194 666.058	2,249,311 652,650 307,012 74,256 23,975 21,644 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 63,784 711,989 711,701	\$ 3.576,077 1.606,845 466,235 219,321 53,046 17,127 15,462 2376,750 412,079 102,980 60,080 19,320 19,320 5,580 599,999 458,703 77,683 17,507 43,440 597,326 2,477,629 646,878 236,821 96,486 77,187	1.288.778 373.946 175.907 42.546 13.737 12.401 572 1,907.887 260.133 64.996 4.3522 378.761	\$ 4.475,111 2.255,082 654,324 307,800 74,446 24,036 21,700 3.338,390 30,693 82,625 48,198 45,504 44,78 481,498 472,464 120,513 17,500 44,744 478,486 487,482 3,088,239 887,482 325,300 119,190	1.005,645 291,793 137,262 33,199 10,719 9,677 447 1488,742 265,076 66,231 38,634 12,428 3,589 385,958	\$ 4.214,702 2.042,915 592,763 278,840 67,442 21,775 19,658 907 3.024,300 353,842 88,409 51,572 16,590 4,791 515,204 486,637 124,974 17,500 46,086 675,197 2,883,394 806,146 206,340 113,528 73,347	846.094 245.499 115.485 27.932 9.018 8.142 67.489 1.285_546 39.3.292 1.116.206 315.298	\$ 3.107.419 1.209.400 1.209.0914 165.073 39.925 12.891 11.637 1790.377 378.611 94.598 55.182 17.750 571.237 129.568 17.500 47.468 755.703 2.159.248 575.080 182.573 87.393 88.073 87.393	554,878 161,001 75,736 18,318 5,914 5,339 246 821,432 275,244 68,771 140,117 12,905 3,277 400,764	\$ 3.470.824 1.376.668 399.448 187.904 45.447 14.674 13.247 14.674 13.247 2.037.999 405.113 101.223 59.045 18.993 5.486 589.857 635.274 134.300 55.892 2417.055 634.968 205.404 101.339 73.719	988.049 286.688 134.860 32.618 10.531 9.508 1462.693 280.474 70.078 40.879 13.150 3.798 408.379	\$ 1,495,943 	702.868 203.941 95.935 23.203 7.492 6.763 311 1040.514 285.803 71.409 41.655 13.400 3.870 416.137	\$ 862.590 126.496 36.703 17.266 4.176 56 12.176 15.886 67.500 21.746 6.281 675.328 50.311 152.589 17.266 4,176 68.488	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,218 3,207,399 801,386 467,476 150,377 43,432 4,670,070 3,275,079 1,126,211 105,000 24,481,280 23,225,663 3,225,668 6,349,142 2,265,653 2,265,653 2,265,673 2,265 2,265 2,265 2,265 2,265 2,265 2,265 2,265 2,265 2,265 2,265	\$ 692,102
Total Capital & Fire Special Assessment Proje Capital Assessment to Members Mesa Gilbert Apache Junction Fit McDowell Superstition Fire & Medical Queen Creek Rio Verde Sub-tot VHF Special Assessment Meta Fire & Medical Queen Creek Fire Superstition Fire & Medical Queen Creek Fire Rio Verde Fire Superstition Fire & Medical Queen Creek Fire Rio Verde Fire Superstition Fire & Medical Queen Creek Fire Fire Superstition Fire & Medical Queen Creek Fire Total Capital + Fire Special Assessment Mesa Gilbert (\$400,000 billed directly to Gilbert upon contract signing) Apache Junction PD Fit McDowell Total Capital + Fire Special Assessment Mesa Gilbert Gapital Gil	67.55% 19.60% 9.22% 2.22% 0.03% 0.03% 100.00% 400.000 400.000	2.654.929 770.342 362.375 87.646 28.298 25.547 1.179 3.930.316 66.672 21.47 6.194 666.058	2.249.311 652.650 307.012 74.256 23.975 21.644 999 3.329.847 11.969 3.457, 371.701 255.284 371.701	\$ 3,576,077 1,606,845 466,235 219,321 53,046 17,127 15,462 2,378,750 60,060 19,320 5,580 59,999 458,703 77,683 17,500 43,440 597,326	1.288.778 373.946 175.907 42.546 13.737 12.401 1907.897 260.133 64.996 37.914 12.196 3.522 378.761	\$ 4.475.111 2.255.082 655.324 307.800 74.446 24.036 21.700 1.002 3.338.390 382.625 48.198 472.464 120.513 17.500 44.744 655.221 3.058.239 857.462 2.255.300	1.005.645 291,793 137,262 33,199 10,719 9,677 447 1.488,742 265.076 66,231 12,428 3,569 365,958	\$ 4.214,702 2.042,915 592,763 278,840 67,442 21,775 19,658 907 3,024,300 4,791 1515,204 4,791 1515,204 46,086 675,197 2.883,394 88,049 95,1572 10,590 46,086 675,197	846.094 245.499 115.485 27,932 9,018 8,142 376 1.252.546 270.112 67.489 39.369 12.664 3.658 393.292	\$ 3.107.419 1.209.401 1.209.401 1.85.073 389.925 12.891 11.637 537 1.790.377 378.611 94.598 55.182 17.751 51.209 57.1227 120.568 76.773 2.159.248 755.703 2.159.248 575.080 182.573 87.393	554.878 161.001 75.736 18.318 5.914 5.339 246 821.432 275.244 68.771 40.764 400.764	\$ 3.470.824 1.376.668 399.448 187.904 45.447 14.674 13.247 611 2.037.999 405.113 101.220 59.045 18.993 5.486 699.657 635.274 134.300 55.892 842.966 24.47.065 634.988 205.404 101.339	988.049 286.688 134.860 32.618 10.531 9.508 439 1.462.693 1.462.693 40.879 13.155 3.798 408.579	\$ 1,495,943 	702.868 203.941 95.935 23.203 7,492 6,763 312 1.040.514 285.803 71.409 41.655 13.400 3.970 416.137	\$ 682.590 126.496 36.703 17.266 4.176 1.348 1.217 56 187.262 463.815 67.600 21.749 6.281 675.328	\$ 24,936,452 15,829,283 4,592,953 2,160,563 522,565 168,720 152,218 7,030 23,433,432 3,207,399 801,386 467,476 150,372 43,432 43	\$ 692,102

Project Personnel Overhead

1,424,392 256,391 84,039 637,834 114,810 37,632

463,932 83,508 27,372 139,252 25,065 8,216 14,286 2,571 843 25,755 4,636 1,520 299,435 53,898 17,667

135,000 24,300 7,965 32,284 5,811 1,905 383,632 69,054 22,634 119,048 21,429 7,024 36,642 6,596



TOPAZ
Detail of Operating and Maintenance
Fiscal Year 2021/ 2022

Year to Date Through June 30, 2022 13th Month

Description	Budget	Updated Forecast	YTD Forecast*	YTD Actual	\$ Var From YTD F Incr/(De	
Personnel Services	\$ 354,883	\$ 354,883	\$ 354,883	\$ 249,497	\$ (105,386)	-30%
Insurance Premiums	8,827	8,827	8,827	-	(8,827)	-100%
Temp Services	6,230	6,230	6,230	127	(6,104)	-98%
Leases and Rents - Land	26,271	26,271	26,271	24,088	(2,183)	-8%
Professional Services - Consulting	93,734	93,734	93,734	115,499	21,765	23%
Professional Services - Other-combining legal, consulting	115,134	115,134	115,134	30,349	(84,786)	-74%
Utilities	71,330	71,330	71,330	83,408	12,078	17%
Telephone	3,531	3,531	3,531	2,753	(778)	-22%
Association Dues	-	-	-	-	-	0%
Repairs & Maintenance	32,189	32,189	32,189	19,122	(13,067)	-41%
Equipment Usage (Vehicles)	20,767	20,767	20,767	20,583	(184)	-1%
All Other Services	40,000	40,000	40,000	-	(40,000)	-100%
Sub-total Services	418,013	418,013	418,013	295,927	(122,086)	-29%
Motorola Contract	890,824	890,824	890,824	850,011	(40,813)	-5%
Juniper Software	43,000	43,000	43,000	100	(42,900)	-100%
Materials & Parts	30,475	30,475	30,475	4,116	(26,359)	-86%
Non Cap Assets	12,980	12,980	12,980	-	(12,980)	-100%
All Other Commodities	_	-	-	-	-	0%
Sub-total Commodities	977,279	977,279	977,279	854,227	(123,052)	-13%
Subtotal O&M	1,750,175	1,750,175	1,750,175	1,399,651	(350,524)	-20%
Contingency - 1.5% of total O&M	27,380	27,380	27,380	-	(27,380)	-100%
VHF Operations	54,720	54,720	54,720		(54,720)	-100%
Total	\$ 1,832,275	\$ 1,832,275	\$ 1,832,275	\$ 1,399,651	\$ (432,624)	-24%

^{*}YTD Forecast represents 12 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 Operating and Maintenance Fiscal Year 2022/ 2023

Year to Date Through August 31, 2022

					\$ Var	% Var
		Updated	YTD	YTD	From YTD F	
Description	Budget	Forecast	Forecast*	Actual	Incr/(D	
Personnel Services	\$ 366,626	\$ 366,626	\$ 56,404	\$ 45,293	\$ (11,111)	-20%
Insurance Premiums	8,994	8,994	1,499	-	(1,499)	-100%
Networking Subscription Costs	12,000	12,000	2,000	-	(2,000)	-100%
Temp Services	6,349	6,349	1,058	342	(716)	-68%
Leases and Rents - Land	26,770	26,770	4,462	-	(4,462)	-100%
Professional Services - Consulting	95,515	95,515	15,919	13,762	(2,157)	-14%
Professional Services - Other-combining legal, consulting	242,322	242,322	40,387	19,558	(20,829)	-52%
Utilities	72,685	72,685	12,114	10,580	(1,534)	-13%
Telephone	3,598	3,598	600	98	(502)	-84%
Association Dues	-	-	-	-	-	0%
Repairs & Maintenance	32,801	32,801	5,467	13,659	8,192	150%
Equipment Usage (Vehicles)	21,162	21,162	3,527	1,224	(2,303)	-65%
All Other Services	40,760	40,760	6,793	-	(6,793)	-100%
Sub-total Services	562,956	562,956	93,826	59,222	(34,604)	-37%
Motorola Contract	975,000	975,000	162,500	850,011	687,511	423%
Juniper Software	67,562	67,562	11,260	_	(11,260)	-100%
Materials & Parts	31,054	31,054	5,176	2,135	(3,041)	-59%
Non Cap Assets	13,226	13,226	2,204	-	(2,204)	-100%
All Other Commodities	-	-	-	-	-	0%
Sub-total Commodities	1,086,842	1,086,842	181,140	852,146	671,006	370%
Subtotal O&M	2,016,424	2,016,424	331,370	956,660	625,290	189%
Contingency - 1.5% of total O&M	29,487	29,487	4,915	-	(4,915)	-100%
VHF Operations (special assessment)	26,663	26,663	4,444	-	(4,444)	-100%
VHF Equipment Staff Time (Special assessment)	29,098	29,098	4,850	-	(4,850)	-100%
Total	\$ 2,101,672	\$ 2,101,672	\$ 345,579	\$ 956,660	\$ 611,081	177%

^{*}YTD Forecast represents 2 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 2021/ 2022

Year to Date Through June 30, 2022

Fiscal Year 2021/ 2022	Project					\$ Var	% Var
Post of	Project						
Burtant Commence of the Commen				YTD	YTD	From YTD Fo	recast
Project	ID	Budgeted		Forecast*	Actual	Incr/(Dec	r)
Site Expansion #1	CP0091		1,350,000	1,350,000	1,175,178	\$ (174,822)	-12.95%
TOPAZ Voice Radio Network Upgrade	CN0022	\$	-	-	-	\$ -	0.00%
Upgrade Shaw Bute & Florence Gardens to P25 Phase II	CP0906		287,406	287,406	-	(287,406)	-100.00%
System-of-Systems Networking	CP0438		-	-	-	-	0.00%
Fire Hazard Zone System Coverage Improvement & Expansion	CP0907		371,700	371,700	268,080	(103,620)	-27.88%
Fire Hazard Zone System Lifecycle Upgrade	LF0465CAP		147,500	147,500	-	(147,500)	-100.00%
Fire Hazard Zone System Simulcast Timing Reference Lifecycle Upgrade	LF0402POM		115,351	115,351	72,113	(43,238)	-37.48%
System-of-Systems	CP0905		-	-	-		0.00%
Florence Gardens ISR Site Lifecycle upgrade	LF0224		-	-	-	-	0.00%
Radio & Core Sites Battery Backup Lifecycle Upgrade	LF0266		31,910	31,910	-	(31,910)	-100.00%
Radio Sites Emergency Power Upgrade	LF0226		106,200	106,200	39,867	(66,333)	-62.46%
Communications Building UPS Battery Replacement	LF0228		-	-	-	-	0.00%
Internet Protocol Network Routers & Switches Upgrade	LF0248		-	-	-	-	0.00%
Antenna & Transmission Lines Lifecycle Upgrade	LF0282		-	-	-	-	0.00%
Consulting Services for VHF & 7/800 MHz Coverage Expansion			40,000	40,000	-	(40,000)	-100.00%
Total Capital Proj	ects	\$	2,450,067	\$ 2,450,067	\$ 1,555,238	\$ (894,829)	-36.52%
Capital Assessment to Members							
Mesa	67.55%		1,226,380	1,226,380	1,048,148	(178,232)	-14.53%
Gilbert	19.60%		355,841	355,841	268,694	(87,147)	-24.49%
Apache Junction	9.22%		167,391	167,391	151,849	(15,542)	-9.28%
Ft McDowell	2.23%		40,486	40,486	25,235	(15,251)	-37.67%
Superstition Fire & Medical	0.72%		13,072	13,072	11,933	(1,139)	-8.71%
Queen Creek	0.65%		11,801	11,801	48,954	37,153	314.83%
Rio Verde	0.03%		545	545	424	(121)	-22.20%
Total Assessment to Mem	bers 100.00%	\$	1,815,516	\$ 1,815,516	\$ 1,555,237	\$ (260,279)	-14.34%

^{*}YTD Forecast represents 12 months of project costs plus any contractual expenses already incurred (i.e. one time payments).

TOPAZ
Detail of Capital Projects
Fiscal Year 2022/ 2023

Year to Date Through August 31, 2022

		i cai t	o Date III	ıoug	jii August 5 i,	202	££	
							\$ Var	% Var
Project			YTD		YTD		From YTD Fo	
ID	В	Budgeted			Actual		Incr/(De	
CP0091		1,590,000	265,0	000	6,781	\$	(258,219)	-97.44%
CP0754		790,276	131,7	'13	-	\$	(131,713)	-100.00%
CN0022	\$	-		-	-	\$	-	0.00%
CP0906		287,406	47,9	901	-		(47,901)	-100.00%
CP0438		-		-	-		-	0.00%
CP0907		371,700	61,9	950	14,377		(47,573)	-76.79%
		-		-	-		-	0.00%
LF0402POM		-		-	-		-	0.00%
CP0905		-		-	-		-	0.00%
LF0224		-		-	-		-	0.00%
LF0266		-		-	-		-	0.00%
LF0226		106,200	17,7	' 00	-		(17,700)	-100.00%
LF0228		17,700	2,9	950	-		(2,950)	-100.00%
		371,000	61,8	333	-		(61,833)	-100.00%
LF0248		-		-	-		-	0.00%
LF0282		-		-	-		-	0.00%
LF0403CAP		167,265	27,8	378	3,196		(24,682)	-88.53%
		-		-	-		·	0.00%
cts	\$	3,701,547	\$ 616,9	925	\$ 24,354	\$	(592,571)	-96.05%
67.55%		1.226.380	204.3	397	16.178		(188.219)	-92.09%
19.60%							,	-93.32%
		•					, ,	-90.99%
		,	,				, ,	-94.67%
			•		190		, ,	-91.28%
		11,801					(830)	-42.20%
		,					(81)	-89.01%
	\$	1,815,516			\$ 24,354	\$	(278,234)	-91.95%
	CP0091 CP0754 CN0022 CP0906 CP0438 CP0907 LF0402POM CP0905 LF0224 LF0266 LF0228 LF0228 LF0248 LF0282 LF0403CAP Cts 67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03%	ID E CP0091 CP0754 CN0022 CP0906 CP0438 CP0907 LF0402POM CP0905 LF0224 LF0266 LF0228 LF0228 LF0248 LF0282 LF0403CAP cts 67.55% 19.60% 9.22% 2.23% 0.72% 0.65% 0.03%	Project ID Budgeted CP0091 1,590,000 CP0754 790,276 CN0022 \$ - CP0906 287,406 CP0438 - CP0907 371,700 - LF0402POM - CP0905 - LF0224 - LF0266 - LF0226 106,200 LF0228 17,700 371,000 LF0248 - LF0282 17,700 LF0248 - LF0282 167,265 cts \$ 3,701,547 67.55% 1,226,380 19.60% 355,841 9.22% 167,391 2.23% 40,486 0.72% 13,072 0.65% 11,801 0.03% 545	Project Budgeted Forecast CP0091 1,590,000 265,0 CP0754 790,276 131,7 CN0022 \$ - - CP0906 287,406 47,9 CP0438 - - CP0907 371,700 61,9 LF0402POM - - CP0905 - - LF0224 - - LF0226 106,200 17,7 LF0228 17,700 2,9 371,000 61,8 LF0248 - - LF0248 - - LF0403CAP 167,265 27,8 Ets \$ 3,701,547 \$ 616,9 67.55% 1,226,380 204,3 19.60% 355,841 59,3 9.22% 167,391 27,8 2.23% 40,486 6,7 0.72% 13,072 2,1 0.65% 11,801 1,5 0.03% 545	Project ID Budgeted Forecast* CP0091 1,590,000 265,000 CP0754 790,276 131,713 CN0022 - - CP0906 287,406 47,901 CP0438 - - CP0907 371,700 61,950 LF0402POM - - CP0905 - - LF0224 - - LF0226 106,200 17,700 LF0228 17,700 2,950 LF0228 17,700 2,950 LF0248 - - LF0282 - - LF0403CAP 167,265 27,878 - - - \$3,701,547 \$616,925 (Sts) (67.55% 1,226,380 204,397 19.60% 355,841 59,307 9.22% 167,391 27,899 2.23% 40,486 6,748 0.72% 13,072 2,179 0.65% 11,801 1,967 0.05% 11,801 1,967 0.05% 11,801 1,967 0.03% 545 91	Project ID Budgeted Forecast* Forecast* Actual CP0091 1,590,000 265,000 6,781 CP0754 790,276 131,713 - CN0022 \$ - - - CP0906 287,406 47,901 - CP0438 - - - CP0907 371,700 61,950 14,377 LF0402POM - - - CP0905 - - - LF0224 - - - LF0226 106,200 17,700 - LF0228 17,700 2,950 - LF0228 17,700 2,950 - LF0248 - - - LF0282 - - - LF0403CAP 167,265 27,878 3,196 - - - - \$ 3,701,547 \$ 616,925 \$ 24,354	Project ID Budgeted Forecast* Forecast* Actual CP0091 1,590,000 265,000 6,781 \$ CP0754 790,276 131,713 - \$ \$ CN0022 \$ - \$ - \$ - \$ - \$ \$ \$ CP0906 287,406 47,901 - \$ - \$ CP0438 - \$ - \$ - \$ - \$ - \$ - \$ - \$ CP0907 371,700 61,950 14,377 - \$ LF0402POM - \$ - \$ - \$ - \$ - \$ - \$ - \$ CP0905 - \$ - \$ - \$ - \$ - \$ - \$ - \$ LF0224 - \$ - \$ - \$ - \$ - \$ - \$ - \$ LF0226 106,200 17,700 - \$ - \$ LF0228 17,700 2,950 - \$ - \$ LF0248 - \$ - \$ - \$ - \$ - \$ - \$ - \$ LF0248 - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Project ID Budgeted Forecast* Forecast* Actual Actual From YTD Forecast* Incr/(Decomposed Incr/(Decomp

^{*}YTD Forecast represents 2 months of project costs plus any contractual expenses already incurred (i.e. one time payments).



Date: 09/08/2022

To: TOPAZ Regional Wireless Cooperative (TRWC) Board of Directors

Through: Dale Shaw, TRWC Executive Director

From: Chuck Craig

Subject: Administrator Update

Current projects

1) Capital Budget

- **a.** Site Expansion H60, the JOC (Hunter Construction) delivered the quote to build the H60 site, total \$1,524,738. This puts the project over budget by \$698,493. Mesa is looking find ways to reduce the overall cost for the site, as an example David Brunk has engaged a different building manufacturer giving us a cost savings of \$100,000. There are several projects we can move budget capacity from to complete the project.
 - i. Fire Hazard Zone System Coverage (CP0907) \$371,700
 - 1. These funds would cover the VHF equipment for the site
 - ii. Wolverine site (CP0754) \$790,276
 - iii. Remaining funds from Fire Hazard Zone System Simulcast Timing Reference(LF0402) \$69,743
- **b.** We are working closely with the Town of Queen Creek for an 800Mhz ISR site. We may have located one that fits our needs.
- **c.** Met with the Executive Committee and discussed the reallocation of equipment at Florence Gardens to a future site in the Queen Creek area. The recommendation was approved. The Federal Engineering study is included.
- **d.** Status of takeover of the Wolverine site from the FAA, Margaret has sent paperwork to Mesa real estate to move the process forward. A packet of information will be sent soon to the Forest Service.
- 2) We are looking to have the FY24 budget, along with the new 6-year SUA-2 approved at the 9/22/2022 TRWC Board of Director's meeting, and have Mesa City Council approve the SUA at the 10/3/2022 meeting
- 3) There is a current fiscal year budget line item to perform a security audit of our P25 radio system. Randy Thompson has brought 2 different companies to our attention. We met with IPKeys and Compliance Testing. We will move the conversation forward with IPkey, with a joint meeting with them and Mesa's DoIT Security team.

Operations Summary

A. We have had minor microwave interruptions at our Florence Gardens location, we feel this is based on weather in the area. To try and remediate the situation we have

TRWC Administrator Update, October 1, 2020

- changed our frequency modulation and increased power output. This would reduce the speed of the connection but improve reliability.
- B. We are continuing to work with Motorola on implementing Smart Connect. As an organization we should review all proprietary Motorola P25 features to determine if they fit with the TRWC's long range plans.
- C. We should have a final solution for implementing TDMA at Shaw Buttes and Florence Gardens early in October.
- D. Quarterly/monthly patching will begin On Wednesday 09-14-22. We will start with the DSR with no expected outage. On Friday 09-16-21 at 3:00 A.M. we will switch zone controllers to ZC02. This will cause Site Trunking for approximately 5-30 sec. Dispatch consoles will drop during this time and each dispatch center has been alerted that they will need to have portables ready. Bryan Waters will contact each dispatch center prior to the site trunking event.
- E. We are working with Motorola on replacements for our GGM 8000 and S600 routers, as they are out of service.

Upcoming Events:

• All upcoming or in-progress events are discussed earlier in this report *Other News:*



Date: September 22, 2022

To: Topaz Regional Wireless Cooperative (TRWC) Board of Directors

From: Dale Shaw, TRWC Executive Director

Subject: Town of Florence Conditional Network Use Ratification

Recommendation

The TRWC Executive Director recommends the ratification of the attached Addendum with the Town of Florence, which extends conditional emergency use of the TRWC Network to facilitate temporary dispatch services provided by the City of Mesa (under separate agreement).

Background & Discussion

On March 25th 2022, the "Agreement To Provide For Emergency Network Use Between The Topaz Regional Wireless Cooperative Network And The Town Of Florence" was executed and subsequently ratified by the TRWC Board of Directors on May 19th, 2022. The attached Addendum was executed on July 26th, 2022, to extend the use of the Network due to impacts to the Town of Florence resulting from storm damage to their system infrastructure. As per section 2.1.3 of the TRWC Governance Agreement, the conditional use of the Network imposed by this agreement must be approved or disapproved by the TRWC Board of Directors at the next Board Meeting.

Fiscal Impact

No direct fiscal impacts are anticipated in conjunction with this recommendation.

ADDENDUM TO AGREEMENT TO PROVIDE EMERGENCY NETWORK USE BETWEEN THE TOPAZ REGIONAL WIRELESS COOPERATIVE NETWORK AND THE TOWN OF FLORENCE

This Addendum is effective as of July 25, 2022 and extends the term of the Addendum to Agreement to Provide Emergency Network Use between the City of Mesa and the Town of Florence until August 1, 2022.

- Section 1.1, page 1 of the Addendum will be amended to extend the term of the Agreement until August 1, 2022. Thereafter, the Agreement shall automatically terminate.
- All other requirements of the Agreement to Provide Emergency Network Use between the City of Mesa and the Town of Florence (entered on 25 March 2022), shall remain in full force and effect.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized officers and agents as of July 22, 2022.

CITY OF MESA

By ______
Dale Shaw, TRWC Director

TOWN OF FLORENCE

Lisa Garcia Interim Town Manager