

CLACKAMAS C800 RADIO GROUP

BOARD OF DIRECTORS MEETING

September 25, 2019 / 9:00AM

Meeting to be held at: CCOM/Disaster Management EOC - 2200 Kaen Rd Oregon City

Call In 800-704-9804 / Access Code: 345832#

1. Call the C800 / Board of Directors meeting to Order - First Vice Chair Sue Scobert
2. Roll Call of Partners: (18/10)

a. City of Canby	g. City of Sandy	m. Hoodland Fire District
b. City of Gladstone	h. City of West Linn	n. Molalla Fire District
c. City of Lake Oswego	i. Canby Fire District	o. Sandy Fire District
d. City of Milwaukie	j. Clackamas County Fire District #1	p. Tualatin Valley Fire & Rescue
e. City of Molalla	k. Colton Fire District	q. Clackamas County Sheriff
f. City of Oregon City	l. Estacada Fire District	r. Clackamas County Health
3. *Approval of Minutes of: July 17, 2019 Board Meeting
4. Public Comment
5. Communications
6. Financial Report - July / August 2019 - John Hartsock
7. Committee Reports
 - a. Executive Committee - Sue Scobert
 - b. Technical Committee - John Hartsock
 - c. Citizen Accountability - John Hartsock - Meeting September 19, 2019 6:30P Lake Oswego Main Fire Station 300 B Ave Lake Oswego
8. Old Business: (* Action Item)
 - a. System Management: - Ron Polluconi
 - b. System Upgrade/Replacement
 - i. Project Status / Procurement - Bjorn Morfin / John Hartsock
 - ii. Fire Station Alerting / Paging - John Hartsock
 - iii. Portable/Mobile Radio Deployment - Todd Matsuo
 - iv. Radio Templates - John Hartsock
 - v. Use of Bond Premium Funds - Jim Davis
9. New Business: (* Action Item)
 - a. * Award a Contract for paging base stations.

b. **Next Board Meeting October 16, 2019 9:00A @ CCOM - EOC**

10. Open Agenda

11. Adjournment

CLACKAMAS C800 RADIO GROUP

BOARD OF DIRECTORS MEETING AGENDA

Meeting Minutes of the July 17, 2019 Meeting
Clackamas County Design Services Building, 150 Beaver Creek Rd., Rm. 119
Oregon City, OR 97045

1. C800 Board Meeting Called to Order at 1000

2. The following were in attendance:

Clackamas County Sheriff/James Rhodes/Jeff
Burlew
City of Milwaukie/Luke Strait
City of Molalla/Frank Schoenfeld
Gladstone Fire/Randy Hopperstad
Canby Fire/Jim Davis
Clackamas Fire District #1/ Ryan Hari/ Mike
Corless/Nick Fisher/Rachel Trotman
Estacada Fire/Richard Anderson
Hoodland Fire District/Joe Schwab
Sandy Fire District/ Phil Schneider
CCOM/Cheryl Bledsoe/Tony Collins/Toni
Sexton

C800/John Hartsock/Bjorn Morfin
City of Canby/Bret Smith
Clackamas County/Brian Nava/Kevin
Moss/Christa Wolfe
City of Gladstone/John Schmerber
LOCOM/Sue Scobert
City of Sandy/Ernie Roberts
City of West Linn/Peter Mahuna
City of Lake Oswego/Scott Thran
City of Oregon City/Jim Band
Lake Oswego Fire/Don Johnson

3. Approval of Minutes – June 19, 2019 Board Meeting

- a. Jim Davis made a motion to approve the minutes of the June 19th Board meeting as submitted and the motion was seconded by Mike Corless. A unanimous vote was cast in favor.

4. Public Comment: None.

5. Communications: None.

6. Financial Report

- a. John shared that the accountant is on vacation. He doesn't have a report for June yet. He will send this out as soon as he receives it. He is not aware of any issues.

7. Committee Reports

a. Executive Committee

- i. Did not meet. Nothing to report.

b. Technical Committee-John Hartsock

- i. Met on the 26th of June. Discussed fire station alerting efforts and also talked about the upgrade system and console upgrades.
ii. The next meeting will be July 24th.

c. Citizen Accountability-Ryan Hari

- i. Next meeting will be on September 17, 2019 at the Lake Oswego main fire station.

8. Old Business:

a. System Management

- i. John shared that Ron is off this week. John noted that there are no major outages or problems. They are having periodic individual radio failures, but have adequate spares to keep the system up and running.
- b. System Upgrade/Replacement**
 - i. Project Status/Procurement

Bjorn reviewed project status:

 1. Barton: Construction is complete.
 2. Cooks Butte: The arborist is finishing up his report this week. Looking to schedule a neighborhood meeting and also looking to get land use in the middle of August.
 3. Kerr Parkway: Still looking for other locations.
 4. Wilsonville: Got the easement from Roger May signed. Moving forward with permits and the lease.
 5. Crutcher Bench: Construction complete.
 6. Highland Butte: Plan to start late August to early September.
 7. Four Forest Service Sites: Road use permits are in place. Three leases signed. Moving along nicely.
 8. Hoodland Fire: Hoping to start construction in the next two weeks.
 9. Existing sites: Moving along as planned.
 10. Damascus: John noted that they had a problem with the folks that own the property. Teens climbed the fence and climbed the tower. The property owners got the license plate number of the car. The property owners did not call 911. Thankfully, there were no accidents and no damage. John explained that they do have doors over the climb ladder, but they figured there wasn't a lock on there. They are going to make sure that a lock is put on there.
- c. Fire Station Alerting/Paging**
 - i. John shared that Nick Fisher is at the meeting today. He is organizing all of the stuff within Clackamas county. John noted that the executive kick off was last week. They have all of the equipment staged in Arizona, so they will be getting with each Agency to get schedules together.
 - ii. Nick shared that he will be doing site assessments at each station. He will be making sure that everything is in place for the system.
 - iii. John shared that the goal is to have this done by the end of the year.
- d. Portable/Mobile Radio Deployment**
 - i. John shared that Motorola is continuing to read radios at different Agencies. They ordered the upgrade software. Some sites have been upgraded. Continuing to move along. Nothing new.
- e. Radio Templates**
 - i. John turned it over to Jeff Burlew and James Rhodes.
 - ii. James Rhodes shared that at the last C800 meeting, he brought in template examples. He was asked to take this information to the Law Services meeting at well to seek their input. Jeff Burlew presented this information to the Law Services meeting. He explained that there has been a slight change to the Lake Oswego Lake Patrol. LOCOM was added to the B template. Otherwise, the templates remain how they were presented at the last C800 meeting. He thanked Jeff Burlew for his work.
 - iii. James shared that they are requesting for the C800 Board of Directors to adopt all of the law enforcement radio templates dated July 9, 2019. Discussion followed.

- iv. James shared that this would not affect the fire users. The full law enforcement template would be for law enforcement, fire and medical.
- v. Group discussion followed about having schools on radios. Currently, Beaverton and Gresham School Districts have radios.
- vi. James Rhodes made the motion that C800 would adopt templates A, B and C, as presented, with the limited change to template B (Lake Oswego). A is a full law enforcement template, B is a limited law enforcement template and C, a law enforcement clean template, to be issued appropriately as they issue radios and flash them. Motion seconded by Jim Band. The motion passed unanimously.

f. Use of Bond Premium Funds

- i. Jim Davis shared that the committee for this is Bret Smith, Mike Corless and himself. Jim Davis thanked everyone for taking the time to complete the survey. He noted that the due date for this was the 12th. Jim handed out the final draft that they have. He said he would send it out electronically as well. The committee will get together shortly with John to get his input, so they can have a good solid recommendation moving forward. They plan to have the final recommendation to Ryan Hari by September.
- ii. Jim Davis explained that a few of the top items have changed based on further input from folks that have responded.
- iii. Jim Davis thanked Administrative Assistant, Leanna at Canby Fire, for her help with putting this all together.
- iv. The goal will be to have the final recommendation for this group to consider, in September.

9. New Business: (*Action Item)

a. * Award a Construction Contract for paving at the Damascus site.

- i. John shared that this will be the last piece for the Damascus site. The driveway is about 1200 feet long and is 4-4.5% grade. The driveway wasn't in the best condition, and has got worse with all the trucks going on it. This is a private driveway that provides access to our site. It is someone's residence. This will be a repair.
- ii. For the repair, we received four bids. A local firm was successful, Alamo Paving.
- iii. James Rhodes made a motion to authorize C800 to enter into a contract with Alamo Paving out of Clackamas, Oregon, in the amount of \$123,153 for repaving the driveway at the Damascus site due to construction damage. Jim Band seconded the motion. A unanimous vote was cast in favor.

10. Open Agenda

- a. Ryan reminded the group that there will be no meeting next month.
- b. Ryan noted that currently, the meetings start at 10:00 am. He asked if the group had any objections to moving the C800 meeting to 9:00 am and keeping the Member Board meeting right after. No issues from the group were mentioned. Ryan said he will see if they can re-adjust the schedule. They will re-post the schedule.
- c. Mike Corless shared that they learned at the Fire Users meeting last week, that as radios get updated, Hillsboro Fire had an issue, where they had crews fighting a fire, and they accidentally bumped their radio and it changed into digital so they weren't able to communicate. The button to switch into digital can get bumped if it is not locked. A safety bulletin was sent by Hillsboro Fire. Mike passed this bulletin out to the group. He will get this to Rachel to send out with the minutes.
- d. **Next Board Meeting**
 - i. Next meeting September 25, 2019 9:00 AM at CCOM/EOC.
 - ii. NOTE: No August meeting.

11. Meeting adjourned at 10:32 AM.

Training and Safety Bulletin– Portable Radio Critical Operation Reminder

Date Released: 7/2/19

On July 1st Lt. Forehand lost radio communication during fire attack operations in a house hit by lightning. Upon losing communication, Lt. Forehand and his crew exited the structure. Lt Forehand gave his radio to Chief Prince on scene who found the radio in digital mode, the system Washington County is transitioning to. In an after action analysis we found 3 of 4 radios on Engine 1 did not have the key pad locked with the toggle under the channel select knob as recommended. It is assumed that portable radios are likely to be unlocked on other apparatus as well.

In this case, the radio was being carried in the leather shoulder strap. It is our belief that the flexible leather case was soft enough to manipulate the radio buttons while performing firefighting activities in the attic. So please follow the following recommendations:

1. Be sure to check your radio at shift change to ensure the key pad is locked
2. If your radio accidentally goes into digital mode as indicated by an asterisk (*) hold down the home button until it takes you back to Analogue Washington County Dispatch, it will take you to dispatch regardless of the channel selection knob selection
3. Then move the channel knob to re-select the assigned tactical talk group
4. As a note most every talk group required for emergency operations is found on zone A-B & C of the Hillsboro Fire portable radio and mobiles.

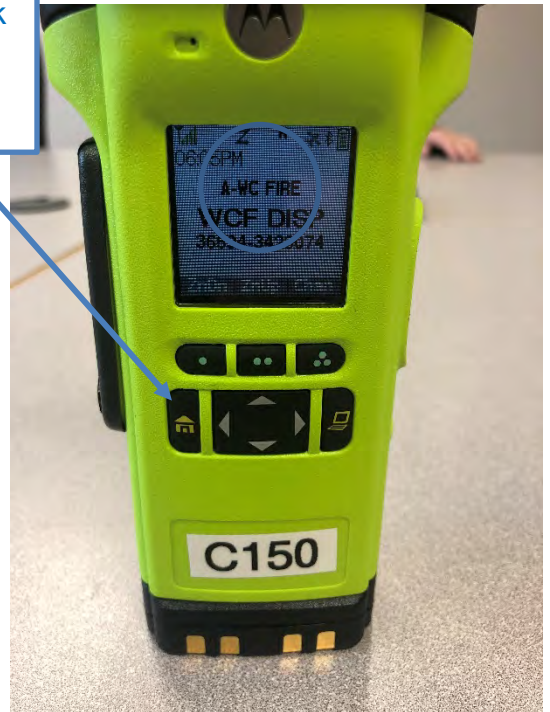
KEEP YOUR KEYPADS LOCKED

The new radios are more complex than the old radios and these nuances will remain with us until the new digital system is fully implemented.

To return to Zone A channel 1 from any other Zone. 1.) Unlock keypad. 2.) Hold down the Home button for 4 seconds.



Make sure to keep radio keypad locked with toggle switch.



3:02 PM

08/13/19

Accrual Basis

Clackamas 800 Radio Group

Profit & Loss Budget vs. Actual

July 2019

	Jul 19	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
401-00 · Beginning Fund Balance	0.00	7,812,283.00	-7,812,283.00	0.0%
405-00 · Members Contracts	79,138.20	64,070.00	15,068.20	123.5%
410-00 · Partners Fees	1,006,630.00	951,268.00	55,362.00	105.8%
420-00 · Partners Debt Service Zone Cont	0.00	0.00	0.00	0.0%
421-00 · Partner Debt Service Microwave	0.00	0.00	0.00	0.0%
430-00 · Subscriber Radio Payments	0.00	100,000.00	-100,000.00	0.0%
431-00 · Interest Income	46.15	500.00	-453.85	9.2%
435-00 · Lease Revenue	6,451.00	48,140.00	-41,689.00	13.4%
440-00 · Miscellaneous Income	0.00	1,000.00	-1,000.00	0.0%
450-00 · Intergovernmental-Clackamas Co	0.00	31,500,000.00	-31,500,000.00	0.0%
455-00 · Bond Interest Income	0.00	500,000.00	-500,000.00	0.0%
Total Income	1,092,265.35	40,977,261.00	-39,884,995.65	2.7%
Gross Profit	1,092,265.35	40,977,261.00	-39,884,995.65	2.7%
Expense				
605-00 · Site Rental	65,721.22	173,838.00	-108,116.78	37.8%
610-00 · Fuel/Generators	0.00	26,000.00	-26,000.00	0.0%
615-00 · HVAC Maintenance	0.00	9,503.00	-9,503.00	0.0%
620-00 · Landscape Maintenance	0.00	14,300.00	-14,300.00	0.0%
621-00 · Office Supplies	0.00	2,000.00	-2,000.00	0.0%
625-00 · Generator Maintenance	0.00	12,500.00	-12,500.00	0.0%
630-00 · UPS Maintenance	4,065.00	13,500.00	-9,435.00	30.1%
635-00 · Battery Maintenance	0.00	3,000.00	-3,000.00	0.0%
645-00 · Insurance	0.00	35,000.00	-35,000.00	0.0%
650-00 · Utilities	4,035.72	78,000.00	-73,964.28	5.2%
655-00 · Consultant Services	5,767.85	48,500.00	-42,732.15	11.9%
657-00 · Regional Radio Expense	0.00	1,500.00	-1,500.00	0.0%
660-00 · WCCCA System Fees	216,692.22	866,769.00	-650,076.78	25.0%
665-00 · Radio Maintenance Fees	0.00	90,000.00	-90,000.00	0.0%
667-00 · Radio Replacement Project	0.00	0.00	0.00	0.0%
670-00 · Legal Services	0.00	8,000.00	-8,000.00	0.0%
675-00 · Financial Services	535.00	8,500.00	-7,965.00	6.3%
680-00 · Audit Fees	0.00	7,000.00	-7,000.00	0.0%
683-00 · Capital Reserve	0.00	100,000.00	-100,000.00	0.0%
685-00 · Miscellaneous Expenses	0.00	5,000.00	-5,000.00	0.0%
686-00 · Meeting Expenses	0.00	1,150.00	-1,150.00	0.0%
703-00 · Capital Outlay				
703-01 · Buildings & Land Improvement				
703-011 · Land Improvement	1,305,001.17			
703-013 · Tower	242,331.00			
703-014 · Generator	49,644.00			
Total 703-01 · Buildings & Land Improvement	1,596,976.17			
703-02 · Radio Backbone				
703-024 · Paging	7,759.00			
703-025 · Back up Dispatch	684.00			
Total 703-02 · Radio Backbone	8,443.00			
703-03 · Equipment				
703-032 · DC Power	61,064.70			
703-034 · Microwave	1,559.00			
Total 703-03 · Equipment	62,623.70			
703-04 · Capital Outlay Service	0.00	0.00	0.00	0.0%
703-00 · Capital Outlay - Other	0.00	31,500,000.00	-31,500,000.00	0.0%
Total 703-00 · Capital Outlay	1,668,042.87	31,500,000.00	-29,831,957.13	5.3%
795-00 · Debt Service	0.00	0.00	0.00	0.0%
800-00 · Operating Contingency	0.00	75,000.00	-75,000.00	0.0%
999-00 · Unappropriated End Fund Bal	0.00	7,898,201.00	-7,898,201.00	0.0%
Total Expense	1,964,859.88	40,977,261.00	-39,012,401.12	4.8%
Net Ordinary Income	-872,594.53	0.00	-872,594.53	100.0%
Net Income	-872,594.53	0.00	-872,594.53	100.0%

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08/13/19

Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

July 2019

Type	Date	Num	Name	Memo	Class	Amount	Balance
Ordinary Income/Expense							
Income							
405-00 · Members Contracts							
Invoice	07/01/2019	19-214	Clackamas County - Code Enforcem...	Member Voice Radios		49,960.00	49,960.00
Invoice	07/01/2019	19-214	Clackamas County - Code Enforcem...	Discounted at 48%		-23,980.80	25,979.20
Invoice	07/01/2019	19-214	Clackamas County - Code Enforcem...	Less C800 Bond Stipend		-10,911.00	15,068.20
Invoice	07/15/2019	19-240	Boring Water	Member Voice Radios		860.00	15,928.20
Invoice	07/15/2019	19-241	Clackamas County - Community Cor...	Member Voice Radios		22,790.00	38,718.20
Invoice	07/15/2019	19-242	Clackamas County - District Attorney	Member Voice Radios		1,290.00	40,008.20
Invoice	07/15/2019	19-243	Clackamas County Dog Services	Member Voice Radios		2,150.00	42,158.20
Invoice	07/15/2019	19-244	Clackamas County - Transportation ...	Member Voice Radios		11,180.00	53,338.20
Invoice	07/15/2019	19-245	Clackamas County - Code Enforcem...	Member Voice Radios		1,720.00	55,058.20
Invoice	07/15/2019	19-246	Clackamas County - Medical Examiner	Member Voice Radios		1,720.00	56,778.20
Invoice	07/15/2019	19-247	Clackamas County - Juvenile Dept	Member Voice Radios		1,720.00	58,498.20
Invoice	07/15/2019	19-248	Clackamas County Community Colle...	Member Voice Radios		3,440.00	61,938.20
Invoice	07/15/2019	19-249	Happy Valley	Member Voice Radios		4,730.00	66,668.20
Invoice	07/15/2019	19-250	Clackamas River Water District	Member Voice Radios		2,580.00	69,248.20
Invoice	07/15/2019	19-251	Lake Oswego Lake Corporation	Member Voice Radios		4,300.00	73,548.20
Invoice	07/15/2019	19-252	Sunrise Water	Member Voice Radios		5,160.00	78,708.20
Invoice	07/15/2019	19-253	Willamette Shore Trolley	Member Voice Radios		430.00	79,138.20
Total 405-00 · Members Contracts						79,138.20	79,138.20
410-00 · Partners Fees							
Invoice	07/15/2019	19-216	American Medical Response	Partner Voice Radios		11,610.00	11,610.00
Invoice	07/15/2019	19-217	Canby FD	Partner Voice Radios		29,670.00	41,280.00
Invoice	07/15/2019	19-218	Canby Police	Partner Voice Radios		26,230.00	67,510.00
Invoice	07/15/2019	19-219	Clackamas County Sheriff	Partner Voice Radios		319,490.00	387,000.00
Invoice	07/15/2019	19-220	Clackamas County FD #1	Partner Voice Radios		141,900.00	528,900.00
Invoice	07/15/2019	19-221	Colton Fire	Partner Voice Radios		16,770.00	545,670.00
Invoice	07/15/2019	19-222	Estacada RFD	Partner Voice Radios		24,510.00	570,180.00
Invoice	07/15/2019	19-223	City of Gladstone - Police	Partner Voice Radios - Revis...		17,200.00	587,380.00
Invoice	07/15/2019	19-224	City of Gladstone - Fire	Partner Voice Radios		17,200.00	604,580.00
Invoice	07/15/2019	19-225	Hoodland Fire District	Partner Voice Radios		25,370.00	629,950.00
Invoice	07/15/2019	19-226	Lake Oswego	Partner Voice Radios - Police		46,010.00	675,960.00
Invoice	07/15/2019	19-227	Lake Oswego	Partner Voice Radios - Fire		37,840.00	713,800.00
Invoice	07/15/2019	19-228	Lake Oswego	Partner Voice Radios - Public...		23,220.00	737,020.00
Invoice	07/15/2019	19-229	City of Milwaukie Police	Partner Voice Radios - Police		32,250.00	769,270.00
Invoice	07/15/2019	19-230	City of Milwaukie Public Works	Partner Voice Radios - Public...		20,640.00	789,910.00
Invoice	07/15/2019	19-231	Molalla Police	Partner Voice Radios		15,910.00	805,820.00
Invoice	07/15/2019	19-232	Molalla RFPD	Partner Voice Radios		32,250.00	838,070.00
Invoice	07/15/2019	19-233	Oregon City Police	Partner Voice Radios		43,860.00	881,930.00
Invoice	07/15/2019	19-234	Sandy Fire	Partner Voice Radios		28,380.00	910,310.00
Invoice	07/15/2019	19-235	Sandy Police	Partner Voice Radios		19,780.00	930,090.00
Invoice	07/15/2019	19-236	West Linn - Police	Partner Voice Radios		20,640.00	950,730.00
Invoice	07/15/2019	19-237	West Linn - Public Works	Partner Voice Radios		11,180.00	961,910.00
Invoice	07/15/2019	19-238	Tualatin Valley Fire & Rescue	Partner Voice Radios		12,900.00	974,810.00
Invoice	07/15/2019	19-239	Wilsonville - PW / Transit	Partner Voice Radios		31,820.00	1,006,630.00
Total 410-00 · Partners Fees						1,006,630.00	1,006,630.00
431-00 · Interest Income							
Deposit	07/31/2019		Clackamas County Bank	Interest		46.15	46.15
Total 431-00 · Interest Income						46.15	46.15
435-00 · Lease Revenue							
Invoice	07/01/2019	19-213	KATU	Site Use Rental Goat Mtn Jul...		1,767.00	1,767.00
Invoice	07/15/2019	19-215	ODOT	Site Use Rental Mt Scott 7/1/...		4,424.00	6,191.00
Deposit	07/24/2019		FBI	Deposit		130.00	6,321.00
Deposit	07/25/2019		FBI	Deposit		130.00	6,451.00
Total 435-00 · Lease Revenue						6,451.00	6,451.00
Total Income						1,092,265.35	1,092,265.35
Gross Profit						1,092,265.35	1,092,265.35
Expense							
605-00 · Site Rental							
Bill	07/01/2019		Oak Lodge Water District		10 View Acres	25,250.00	25,250.00
Bill	07/01/2019		Wayerhauser Company		23 Goat Mountain	27,504.22	52,754.22
Bill	07/01/2019		BBS Property Management	Site Rent		12,967.00	65,721.22
Total 605-00 · Site Rental						65,721.22	65,721.22
630-00 · UPS Maintenance							
Bill	07/05/2019	19-118...	DC Group, Inc.			4,065.00	4,065.00
Total 630-00 · UPS Maintenance						4,065.00	4,065.00

3:02 PM

08/13/19

Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

July 2019

Type	Date	Num	Name	Memo	Class	Amount	Balance
650-00 · Utilities							
Check	07/02/2019	E-Check	PGE			254.04	254.04
Check	07/02/2019	E-Check	PGE			310.85	564.89
Check	07/05/2019	E-Check	PGE			66.44	631.33
Check	07/08/2019	E-Check	PGE			386.90	1,018.23
Check	07/09/2019	E-Check	PGE			366.20	1,384.43
Check	07/10/2019	E-Check	PGE			359.52	1,743.95
Check	07/12/2019	E-Check	PGE			198.55	1,942.50
Check	07/17/2019	E-Check	PGE			297.98	2,240.48
Check	07/18/2019	E-Check	PGE			280.17	2,520.65
Check	07/18/2019	E-Check	PGE			410.69	2,931.34
Check	07/18/2019	E-Check	PGE			451.03	3,382.37
Check	07/24/2019	E-Check	PGE			618.68	4,001.05
Check	07/26/2019	E-Check	Canby Utility			34.67	4,035.72
Total 650-00 · Utilities						4,035.72	4,035.72
655-00 · Consultant Services							
Bill	07/05/2019	16831	Advanced Locking Solutions, Inc.			628.22	628.22
Bill	07/11/2019	CIWD ...	Consistent Image Web Design			100.00	728.22
Bill	07/31/2019		Hartssock Project Mgmt.			5,039.63	5,767.85
Total 655-00 · Consultant Services						5,767.85	5,767.85
660-00 · WCCCA System Fees							
Bill	07/01/2019	INV01...	WCCCA			216,692.22	216,692.22
Total 660-00 · WCCCA System Fees						216,692.22	216,692.22
675-00 · Financial Services							
Bill	07/03/2019	158286	Talbot, Korvola & Warwick, LLP			515.00	515.00
Check	07/31/2019		Clackamas County Bank	Service Charge		20.00	535.00
Total 675-00 · Financial Services						535.00	535.00
703-00 · Capital Outlay							
703-01 · Buildings & Land Improvement							
703-011 · Land Improvement							
Bill	07/01/2019	34105	ACS Testing, Inc.		14 Lenhart	390.92	390.92
Bill	07/01/2019	16801	Black Mountain Consulting		20 Angel Falls/...	30.38	421.30
Bill	07/01/2019	16801	Black Mountain Consulting		21 Oak Grove B...	30.38	451.68
Bill	07/01/2019	16801	Black Mountain Consulting		13 Tom Dick an...	30.38	482.06
Bill	07/01/2019	16801	Black Mountain Consulting		22 Whale Head	30.37	512.43
Bill	07/01/2019	16803	Black Mountain Consulting		20 Angel Falls/...	325.38	837.81
Bill	07/01/2019	16803	Black Mountain Consulting		21 Oak Grove B...	325.38	1,163.19
Bill	07/01/2019	16803	Black Mountain Consulting		13 Tom Dick an...	325.38	1,488.57
Bill	07/01/2019	16803	Black Mountain Consulting		22 Whale Head	325.39	1,813.96
Bill	07/01/2019	16836	Black Mountain Consulting		20 Angel Falls/...	252.82	2,066.78
Bill	07/01/2019	16836	Black Mountain Consulting		21 Oak Grove B...	252.82	2,319.60
Bill	07/01/2019	16836	Black Mountain Consulting		13 Tom Dick an...	252.81	2,572.41
Bill	07/01/2019	16836	Black Mountain Consulting		22 Whale Head	252.81	2,825.22
Bill	07/01/2019		Elk Mountain Construction, Inc.		12 Crutcher Ben...	22,209.00	25,034.22
Bill	07/01/2019	5298	T3 Construction LLC		12 Crutcher Ben...	39,100.00	64,134.22
Bill	07/09/2019	274421	KPFF Inc.		12 Crutcher Ben...	1,800.00	65,934.22
Bill	07/11/2019	18045-3	McKay Consulting		27 Hoodland Fire	860.00	66,794.22
Bill	07/11/2019	18052-3	McKay Consulting		06 Mtn View	700.00	67,494.22
Bill	07/13/2019	8726	Securasite LLC		26 CCOM	21.46	67,515.68
Bill	07/13/2019	8727	Securasite LLC		26 CCOM	137.50	67,653.18
Bill	07/13/2019	8724	Securasite LLC		17 Estacada_D...	300.00	67,953.18
Bill	07/13/2019	8725	Securasite LLC		23 Goat Mountain	293.75	68,246.93
Bill	07/13/2019	8722	Securasite LLC		04 Wilsonville T...	100.00	68,346.93
Bill	07/13/2019	8723	Securasite LLC		04 Wilsonville T...	2,225.00	70,571.93
Bill	07/14/2019	8734	Securasite LLC		03 Damascus	38.88	70,610.81
Bill	07/14/2019	8735	Securasite LLC		03 Damascus	393.75	71,004.56
Bill	07/14/2019	8732	Securasite LLC		25 LO High Schl...	14.50	71,019.06
Bill	07/14/2019	8733	Securasite LLC		25 LO High Schl...	237.50	71,256.56
Bill	07/14/2019	8747	Securasite LLC		07 Pete's	33.06	71,289.62
Bill	07/14/2019	8746	Securasite LLC		07 Pete's	856.25	72,145.87
Bill	07/14/2019	8744	Securasite LLC		10 View Acres	23.20	72,169.07
Bill	07/14/2019	8745	Securasite LLC		10 View Acres	156.25	72,325.32
Bill	07/18/2019	8748	Securasite LLC		11 Brightwood	1,293.07	73,618.39
Bill	07/18/2019	8754	Securasite LLC		11 Brightwood	475.00	74,093.39
Bill	07/18/2019	8755	Securasite LLC		14 Lenhart	212.50	74,305.89
Bill	07/18/2019	8751	Securasite LLC		05 Mount Scott	412.50	74,718.39
Bill	07/18/2019	8753	Securasite LLC		08 Polivka	3,775.54	78,493.93
Bill	07/18/2019	8752	Securasite LLC		08 Polivka	131.25	78,625.18
Bill	07/19/2019	34449	ACS Testing, Inc.		12 Crutcher Ben...	105.00	78,730.18
Bill	07/20/2019	34460	ACS Testing, Inc.		07 Pete's	436.80	79,166.98
Bill	07/22/2019	721489	Garvey Schubert Barer		04 Wilsonville T...	2,268.14	81,435.12
Bill	07/23/2019	2202	Alamo Paving Company, Inc.		03 Damascus	123,153.00	204,588.12
Bill	07/25/2019	34519	ACS Testing, Inc.		01 Carver/Barton	207.38	204,795.50
Bill	07/25/2019	1874	Capital Design Services, LLC		05 Mount Scott	750.00	205,545.50
Bill	07/29/2019	5301	T3 Construction LLC		22 Whale Head	377,705.00	583,250.50
Bill	07/29/2019	5302	T3 Construction LLC		21 Oak Grove B...	227,786.00	811,036.50
Bill	07/29/2019	563513	Sabre Industries Inc.		21 Oak Grove B...	116,773.00	927,809.50
Bill	07/30/2019	9004269	Cushing Civil Engineers		04 Wilsonville T...	8,217.00	936,026.50
Bill	07/31/2019	1892	Capital Design Services, LLC		02 Skyland/Coo...	500.00	936,526.50
Bill	07/31/2019	1893	Capital Design Services, LLC		05 Mount Scott	1,250.00	937,776.50
Bill	07/31/2019	1601-1...	First American Title		07 Pete's	500.00	938,276.50
Bill	07/31/2019	126609	HPS Construction Inc.		07 Pete's	101,455.65	1,039,732.15
Bill	07/31/2019	126609	HPS Construction Inc.		08 Polivka	101,455.65	1,141,187.80
Bill	07/31/2019	8773	Securasite LLC		40 All	1,841.59	1,143,029.39
Bill	07/31/2019	8770	Securasite LLC		40 All	10,435.00	1,153,464.39
Bill	07/31/2019	8774	Securasite LLC		02 Skyland/Coo...	368.75	1,153,833.14
Bill	07/31/2019	8764	Securasite LLC		12 Crutcher Ben...	67.86	1,153,901.00

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These financial statements omit the statement of cash flows and substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

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Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

July 2019

Type	Date	Num	Name	Memo	Class	Amount	Balance
Bill	07/31/2019	8765	Securasite LLC		12 Crutcher Ben...	843.75	1,154,744.75
Bill	07/31/2019	8761	Securasite LLC		27 Hoodland Fire	42.92	1,154,787.67
Bill	07/31/2019	8762	Securasite LLC		27 Hoodland Fire	406.25	1,155,193.92
Bill	07/31/2019	8763	Securasite LLC		20 Angel Falls/...	118.75	1,155,312.67
Bill	07/31/2019	8766	Securasite LLC		21 Oak Grove B...	18.75	1,155,331.42
Bill	07/31/2019	8772	Securasite LLC		40 All	396.36	1,155,727.78
Bill	07/31/2019	8771	Securasite LLC		40 All	5,968.75	1,161,696.53
Bill	07/31/2019	8769	Securasite LLC		13 Tom Dick an...	156.25	1,161,852.78
Bill	07/31/2019	8767	Securasite LLC		22 Whale Head	3,432.82	1,165,285.60
Bill	07/31/2019	8768	Securasite LLC		22 Whale Head	237.50	1,165,523.10
Bill	07/31/2019	18001...	Todd Hess Building Company		11 Brightwood	23,246.35	1,188,769.45
Bill	07/31/2019	18001...	Todd Hess Building Company		14 Lenhart	23,246.35	1,212,015.80
Bill	07/31/2019	18001...	Todd Hess Building Company		17 Estacada_D...	23,246.35	1,235,262.15
Bill	07/31/2019	18001...	Todd Hess Building Company		24 Sawtell Fire ...	23,246.35	1,258,508.50
Bill	07/31/2019	18001...	Todd Hess Building Company		23 Goat Mountain	23,246.35	1,281,754.85
Bill	07/31/2019	18001...	Todd Hess Building Company		26 CCOM	23,246.32	1,305,001.17
Total 703-011 · Land Improvement						1,305,001.17	1,305,001.17
703-013 · Tower							
Bill	07/01/2019	560332	Sabre Industries Inc.		22 Whale Head	97,990.00	97,990.00
Bill	07/01/2019	560331	Sabre Industries Inc.		20 Angel Falls/...	78,599.00	176,589.00
Bill	07/29/2019	563512	Sabre Industries Inc.		13 Tom Dick an...	65,742.00	242,331.00
Total 703-013 · Tower						242,331.00	242,331.00
703-014 · Generator							
Bill	07/30/2019	2111A	Power Systems Plus Inc.		02 Skyland/Coo...	16,348.00	16,348.00
Bill	07/30/2019	2111A	Power Systems Plus Inc.		13 Tom Dick an...	16,348.00	32,696.00
Bill	07/30/2019	2111A	Power Systems Plus Inc.		20 Angel Falls/...	16,348.00	49,044.00
Bill	07/30/2019	2111A	Power Systems Plus Inc.		21 Oak Grove B...	16,348.00	65,392.00
Bill	07/30/2019	2111A	Power Systems Plus Inc.		22 Whale Head	16,348.00	81,740.00
Credit	07/31/2019	2111A	Power Systems Plus Inc.	To correct revised invoice	02 Skyland/Coo...	-6,419.20	75,320.80
Credit	07/31/2019	2111A	Power Systems Plus Inc.	To correct revised invoice	13 Tom Dick an...	-6,419.20	68,901.60
Credit	07/31/2019	2111A	Power Systems Plus Inc.	To correct revised invoice	20 Angel Falls/...	-6,419.20	62,482.40
Credit	07/31/2019	2111A	Power Systems Plus Inc.	To correct revised invoice	21 Oak Grove B...	-6,419.20	56,063.20
Credit	07/31/2019	2111A	Power Systems Plus Inc.	To correct revised invoice	22 Whale Head	-6,419.20	49,644.00
Total 703-014 · Generator						49,644.00	49,644.00
Total 703-01 · Buildings & Land Improvement						1,596,976.17	1,596,976.17
703-02 · Radio Backbone							
703-024 · Paging							
Bill	07/25/2019		Sonik Messaging Systems Inc.			7,759.00	7,759.00
Total 703-024 · Paging						7,759.00	7,759.00
703-025 · Back up Dispatch							
Bill	07/01/2019	INV01...	WCCCA			684.00	684.00
Total 703-025 · Back up Dispatch						684.00	684.00
Total 703-02 · Radio Backbone						8,443.00	8,443.00
703-03 · Equipment							
703-032 · DC Power							
Bill	07/31/2019	616424	Day Wireless Systems Inc.		01 Carver/Barton	30,753.11	30,753.11
Bill	07/31/2019	616424	Day Wireless Systems Inc.		01 Carver/Barton	3,325.03	34,078.14
Bill	07/31/2019	616424	Day Wireless Systems Inc.		02 Skyland/Coo...	2,796.48	36,874.62
Bill	07/31/2019	616424	Day Wireless Systems Inc.		25 LO High Schl...	2,796.48	39,671.10
Bill	07/31/2019	616424	Day Wireless Systems Inc.		17 Estacada_D...	2,796.48	42,467.58
Bill	07/31/2019	616424	Day Wireless Systems Inc.		18 Highland Butte	2,796.48	45,264.06
Bill	07/31/2019	616424	Day Wireless Systems Inc.		20 Angel Falls/...	2,796.48	48,060.54
Bill	07/31/2019	616424	Day Wireless Systems Inc.		21 Oak Grove B...	2,796.48	50,857.02
Bill	07/31/2019	616424	Day Wireless Systems Inc.		22 Whale Head	2,796.48	53,653.50
Bill	07/31/2019	616424	Day Wireless Systems Inc.			7,411.20	61,064.70
Total 703-032 · DC Power						61,064.70	61,064.70
703-034 · Microwave							
Bill	07/01/2019	SI4832...	Lile International Companies			1,559.00	1,559.00
Total 703-034 · Microwave						1,559.00	1,559.00
Total 703-03 · Equipment						62,623.70	62,623.70
Total 703-00 · Capital Outlay						1,668,042.87	1,668,042.87
Total Expense						1,964,859.88	1,964,859.88
Net Ordinary Income						-872,594.53	-872,594.53
Net Income						-872,594.53	-872,594.53

These financial statements omit the statement of cash flows and substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

Clackamas 800 Radio Group

Trial Balance

As of July 31, 2019

	Jul 31, 19	
	Debit	Credit
115-00 · Cash/Checking Account	437,517.18	
11000 · Accounts Receivable	1,049,090.00	
120-00 · Member Fees Receivable	0.00	
12000 · Undeposited Funds	0.00	
150-00 · Prepaid Expenses	0.00	
169-00 · CIP	8,003,794.52	
160-00 · Buildings and Towers	10,956,645.15	
165-00 · Radio Backbone	2,520,898.80	
166-00 · Equipment	704,983.00	
167-00 · Work In Progress	0.00	
175-00 · Accumulated Depreciation		10,958,322.09
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44	
201-00 · Accounts Payable		1,689,798.72
201-02 · Other Accounts Payable	0.00	
202-00 · Partner Prepayment		39,130.00
250-00 · N/P - CCB (Microwave)	0.00	
210-00 · Reimb due Clackamas County	0.00	
300-01 · GLTDAG	0.00	
300-00 · Fund Balance	0.00	
310-00 · Investment in Fixed Assets		11,227,999.38
320-00 · Retained Earnings, Prior		6,442,331.43
405-00 · Members Contracts		79,138.20
410-00 · Partners Fees		1,006,630.00
431-00 · Interest Income		46.15
435-00 · Lease Revenue		6,451.00
605-00 · Site Rental	65,721.22	
630-00 · UPS Maintenance	4,065.00	
650-00 · Utilities	4,035.72	
655-00 · Consultant Services	5,767.85	
660-00 · WCCCA System Fees	216,692.22	
675-00 · Financial Services	535.00	
703-011 · Land Improvement	1,305,001.17	
703-013 · Tower	242,331.00	
703-014 · Generator	49,644.00	
703-024 · Paging	7,759.00	
703-025 · Back up Dispatch	684.00	
703-032 · DC Power	61,064.70	
703-034 · Microwave	1,559.00	
TOTAL	31,449,846.97	31,449,846.97

Clackamas 800 Radio Group

Balance Sheet

As of July 31, 2019

	Jul 31, 19
ASSETS	
Current Assets	
Checking/Savings	
115-00 · Cash/Checking Account	437,517.18
Total Checking/Savings	437,517.18
Accounts Receivable	
11000 · Accounts Receivable	1,049,090.00
Total Accounts Receivable	1,049,090.00
Total Current Assets	1,486,607.18
Fixed Assets	
169-00 · CIP	8,003,794.52
160-00 · Buildings and Towers	10,956,645.15
165-00 · Radio Backbone	2,520,898.80
166-00 · Equipment	704,983.00
175-00 · Accumulated Depreciation	-10,958,322.09
Total Fixed Assets	11,227,999.38
Other Assets	
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44
Total Other Assets	5,812,058.44
TOTAL ASSETS	18,526,665.00
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
201-00 · Accounts Payable	1,689,798.72
Total Accounts Payable	1,689,798.72
Other Current Liabilities	
202-00 · Partner Prepayment	39,130.00
Total Other Current Liabilities	39,130.00
Total Current Liabilities	1,728,928.72
Total Liabilities	1,728,928.72
Equity	
310-00 · Investment in Fixed Assets	11,227,999.38
320-00 · Retained Earnings, Prior	6,442,331.43
Net Income	-872,594.53
Total Equity	16,797,736.28
TOTAL LIABILITIES & EQUITY	18,526,665.00

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Clackamas 800 Radio Group A/R Aging Detail As of July 31, 2019

Type	Date	Num	Name	Due Date	Aging	Open Balance
Current						
Total Current						
1 - 30						
Invoice	07/01/2019	19-214	Clackamas County - Code Enforcement	07/01/2019	30	15,068.20
Invoice	07/15/2019	19-216	American Medical Response	07/15/2019	16	11,610.00
Invoice	07/15/2019	19-217	Canby FD	07/15/2019	16	29,670.00
Invoice	07/15/2019	19-218	Canby Police	07/15/2019	16	26,230.00
Invoice	07/15/2019	19-219	Clackamas County Sheriff	07/15/2019	16	319,490.00
Invoice	07/15/2019	19-220	Clackamas County FD #1	07/15/2019	16	141,900.00
Invoice	07/15/2019	19-221	Colton Fire	07/15/2019	16	16,770.00
Invoice	07/15/2019	19-223	City of Gladstone - Police	07/15/2019	16	17,200.00
Invoice	07/15/2019	19-224	City of Gladstone - Fire	07/15/2019	16	17,200.00
Invoice	07/15/2019	19-225	Hoodland Fire District	07/15/2019	16	25,370.00
Invoice	07/15/2019	19-226	Lake Oswego	07/15/2019	16	46,010.00
Invoice	07/15/2019	19-227	Lake Oswego	07/15/2019	16	37,840.00
Invoice	07/15/2019	19-228	Lake Oswego	07/15/2019	16	23,220.00
Invoice	07/15/2019	19-229	City of Milwaukie Police	07/15/2019	16	32,250.00
Invoice	07/15/2019	19-230	City of Milwaukie Public Works	07/15/2019	16	20,640.00
Invoice	07/15/2019	19-231	Molalla Police	07/15/2019	16	15,910.00
Invoice	07/15/2019	19-233	Oregon City Police	07/15/2019	16	43,860.00
Invoice	07/15/2019	19-234	Sandy Fire	07/15/2019	16	28,380.00
Invoice	07/15/2019	19-235	Sandy Police	07/15/2019	16	19,780.00
Invoice	07/15/2019	19-236	West Linn - Police	07/15/2019	16	20,640.00
Invoice	07/15/2019	19-237	West Linn - Public Works	07/15/2019	16	11,180.00
Invoice	07/15/2019	19-238	Tualatin Valley Fire & Rescue	07/15/2019	16	12,900.00
Invoice	07/15/2019	19-239	Wilsonville - PW / Transit	07/15/2019	16	31,820.00
Invoice	07/15/2019	19-240	Boring Water	07/15/2019	16	860.00
Invoice	07/15/2019	19-241	Clackamas County - Community Corrections	07/15/2019	16	22,790.00
Invoice	07/15/2019	19-242	Clackamas County - District Attorney	07/15/2019	16	1,290.00
Invoice	07/15/2019	19-243	Clackamas County Dog Services	07/15/2019	16	2,150.00
Invoice	07/15/2019	19-244	Clackamas County - Transportation Eng	07/15/2019	16	11,180.00
Invoice	07/15/2019	19-245	Clackamas County - Code Enforcement	07/15/2019	16	1,720.00
Invoice	07/15/2019	19-246	Clackamas County - Medical Examiner	07/15/2019	16	1,720.00
Invoice	07/15/2019	19-247	Clackamas County - Juvenile Dept	07/15/2019	16	1,720.00
Invoice	07/15/2019	19-248	Clackamas County Community College	07/15/2019	16	3,440.00
Invoice	07/15/2019	19-249	Happy Valley	07/15/2019	16	4,730.00
Invoice	07/15/2019	19-250	Clackamas River Water District	07/15/2019	16	2,580.00
Invoice	07/15/2019	19-251	Lake Oswego Lake Corporation	07/15/2019	16	4,300.00
Invoice	07/15/2019	19-252	Sunrise Water	07/15/2019	16	5,160.00
Total 1 - 30						1,028,578.20
31 - 60						
Total 31 - 60						
61 - 90						
Total 61 - 90						
> 90						
Invoice	07/31/2018	18-166	Canby FD	07/31/2018	365	11,481.80
Invoice	07/31/2018	18-188	Boring Water	07/31/2018	365	860.00
Invoice	07/31/2018	18-192	Clackamas County - Transportation Eng	07/31/2018	365	8,170.00
Total > 90						20,511.80
TOTAL						1,049,090.00

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09/11/19

Accrual Basis

Clackamas 800 Radio Group

Profit & Loss Budget vs. Actual

July through August 2019

	Jul - Aug 19	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
401-00 · Beginning Fund Balance	0.00	7,812,283.00	-7,812,283.00	0.0%
405-00 · Members Contracts	77,418.20	64,070.00	13,348.20	120.8%
410-00 · Partners Fees	1,006,630.00	951,268.00	55,362.00	105.8%
420-00 · Partners Debt Service Zone Cont	0.00	0.00	0.00	0.0%
421-00 · Partner Debt Service Microwave	0.00	0.00	0.00	0.0%
430-00 · Subscriber Radio Payments	0.00	100,000.00	-100,000.00	0.0%
431-00 · Interest Income	100.82	500.00	-399.18	20.2%
435-00 · Lease Revenue	6,711.00	48,140.00	-41,429.00	13.9%
440-00 · Miscellaneous Income	0.00	1,000.00	-1,000.00	0.0%
450-00 · Intergovernmental-Clackamas Co	946,542.16	31,500,000.00	-30,553,457.84	3.0%
455-00 · Bond Interest Income	0.00	500,000.00	-500,000.00	0.0%
Total Income	2,037,402.18	40,977,261.00	-38,939,858.82	5.0%
Gross Profit	2,037,402.18	40,977,261.00	-38,939,858.82	5.0%
Expense				
605-00 · Site Rental	65,721.22	173,838.00	-108,116.78	37.8%
610-00 · Fuel/Generators	3,910.34	26,000.00	-22,089.66	15.0%
615-00 · HVAC Maintenance	0.00	9,503.00	-9,503.00	0.0%
620-00 · Landscape Maintenance	0.00	14,300.00	-14,300.00	0.0%
621-00 · Office Supplies	0.00	2,000.00	-2,000.00	0.0%
625-00 · Generator Maintenance	0.00	12,500.00	-12,500.00	0.0%
630-00 · UPS Maintenance	4,065.00	13,500.00	-9,435.00	30.1%
635-00 · Battery Maintenance	0.00	3,000.00	-3,000.00	0.0%
645-00 · Insurance	0.00	35,000.00	-35,000.00	0.0%
650-00 · Utilities	8,068.45	78,000.00	-69,931.55	10.3%
655-00 · Consultant Services	11,082.44	48,500.00	-37,417.56	22.9%
657-00 · Regional Radio Expense	0.00	1,500.00	-1,500.00	0.0%
660-00 · WCCCA System Fees	216,692.22	866,769.00	-650,076.78	25.0%
665-00 · Radio Maintenance Fees	1,938.41	90,000.00	-88,061.59	2.2%
667-00 · Radio Replacement Project	0.00	0.00	0.00	0.0%
670-00 · Legal Services	0.00	8,000.00	-8,000.00	0.0%
675-00 · Financial Services	1,070.00	8,500.00	-7,430.00	12.6%
680-00 · Audit Fees	0.00	7,000.00	-7,000.00	0.0%
683-00 · Capital Reserve	0.00	100,000.00	-100,000.00	0.0%
685-00 · Miscellaneous Expenses	0.00	5,000.00	-5,000.00	0.0%
686-00 · Meeting Expenses	0.00	1,150.00	-1,150.00	0.0%
703-00 · Capital Outlay				
703-01 · Buildings & Land Improvement				
703-011 · Land Improvement	1,776,057.38			
703-013 · Tower	260,065.00			
703-014 · Generator	54,594.00			
Total 703-01 · Buildings & Land Improvement	2,090,716.38			
703-02 · Radio Backbone				
703-022 · Subscriber Radios	3,557.29			
703-024 · Paging	7,759.00			
703-025 · Back up Dispatch	684.00			
703-026 · Cat. 6 Fire Station Alerting	138,348.20			
Total 703-02 · Radio Backbone	150,348.49			
703-03 · Equipment				
703-032 · DC Power	156,296.30			
703-034 · Microwave	4,462.00			
Total 703-03 · Equipment	160,758.30			
703-04 · Capital Outlay Service	0.00	0.00	0.00	0.0%
703-00 · Capital Outlay - Other	0.00	31,500,000.00	-31,500,000.00	0.0%
Total 703-00 · Capital Outlay	2,401,823.17	31,500,000.00	-29,098,176.83	7.6%
795-00 · Debt Service	0.00	0.00	0.00	0.0%
800-00 · Operating Contingency	0.00	75,000.00	-75,000.00	0.0%
999-00 · Unappropriated End Fund Bal	0.00	7,898,201.00	-7,898,201.00	0.0%
Total Expense	2,714,371.25	40,977,261.00	-38,262,889.75	6.6%
Net Ordinary Income	-676,969.07	0.00	-676,969.07	100.0%
Net Income	-676,969.07	0.00	-676,969.07	100.0%

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Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

August 2019

Type	Date	Num	Name	Memo	Class	Amount	Balance
Ordinary Income/Expense							
Income							
405-00 · Members Contracts							
Credit Memo	08/14/2019	19-254	Clackamas County Community Colle...	Member Voice Radios - Corre...		-1,720.00	-1,720.00
Total 405-00 · Members Contracts						-1,720.00	-1,720.00
431-00 · Interest Income							
Deposit	08/31/2019			Interest		54.67	54.67
Total 431-00 · Interest Income						54.67	54.67
435-00 · Lease Revenue							
Deposit	08/27/2019		FBI	Deposit		130.00	130.00
Deposit	08/27/2019		FBI	Deposit		130.00	260.00
Total 435-00 · Lease Revenue						260.00	260.00
450-00 · Intergovernmental-Clackamas Co							
Deposit	08/02/2019		Clackamas County - Bond Related	July #30 request reimbursem...		946,542.16	946,542.16
Total 450-00 · Intergovernmental-Clackamas Co						946,542.16	946,542.16
Total Income						945,136.83	945,136.83
Gross Profit						945,136.83	945,136.83
Expense							
610-00 · Fuel/Generators							
Bill	08/01/2019	INV01...	WCCCA	Propane		3,910.34	3,910.34
Total 610-00 · Fuel/Generators						3,910.34	3,910.34
650-00 · Utilities							
Check	08/01/2019	E-Check	PGE			220.66	220.66
Check	08/01/2019	E-Check	PGE			324.77	545.43
Check	08/05/2019	E-Check	PGE			66.37	611.80
Check	08/06/2019	E-Check	PGE			351.39	963.19
Check	08/07/2019	E-Check	PGE			55.71	1,018.90
Check	08/08/2019	E-Check	PGE			376.05	1,394.95
Check	08/12/2019	E-Check	PGE			181.55	1,576.50
Check	08/13/2019	E-Check	PGE			417.46	1,993.96
Check	08/15/2019	E-Check	PGE			325.47	2,319.43
Check	08/16/2019	E-Check	PGE			272.93	2,592.36
Check	08/16/2019	E-Check	PGE			368.03	2,960.39
Check	08/16/2019	E-Check	PGE			507.88	3,468.27
Check	08/30/2019	E-Check	PGE			213.50	3,681.77
Check	08/30/2019	E-Check	PGE			310.52	3,992.29
Check	08/30/2019	E-Check	Canby Utility			40.44	4,032.73
Total 650-00 · Utilities						4,032.73	4,032.73
655-00 · Consultant Services							
Bill	08/09/2019	CIWD-...	Consistent Image Web Design			100.00	100.00
Bill	08/31/2019		Hartsock Project Mgmt.	Project Mgmt		5,214.59	5,314.59
Total 655-00 · Consultant Services						5,314.59	5,314.59
665-00 · Radio Maintenance Fees							
Bill	08/01/2019	INV01...	WCCCA	Radio Maint		215.67	215.67
Bill	08/13/2019	421038	Tessco Incorporated	Radio Maint		1,722.74	1,938.41
Total 665-00 · Radio Maintenance Fees						1,938.41	1,938.41
675-00 · Financial Services							
Bill	08/07/2019	158404	Talbot, Korvola & Warwick, LLP	Financial Services		515.00	515.00
Check	08/30/2019		Clackamas County Bank	Service Charge		20.00	535.00
Total 675-00 · Financial Services						535.00	535.00
703-00 · Capital Outlay							
703-01 · Buildings & Land Improvement							
703-011 · Land Improvement							
Bill	08/08/2019	8795	Securasite LLC		25 LO High Schl...	37.50	37.50
Bill	08/09/2019	8796	Securasite LLC		02 Skyland/Coo...	53.36	90.86
Bill	08/09/2019	8797	Securasite LLC		23 Goat Mountain	46.40	137.26
Bill	08/09/2019	8798	Securasite LLC		27 Hoodland Fire	23.78	161.04
Bill	08/09/2019	8799	Securasite LLC		21 Oak Grove B...	3,434.10	3,595.14
Bill	08/09/2019	8800	Securasite LLC		08 Polivka	26.10	3,621.24
Bill	08/09/2019	8801	Securasite LLC		13 Tom Dick an...	3,127.83	6,749.07
Bill	08/09/2019	8802	Securasite LLC		22 Whale Head	23.20	6,772.27
Bill	08/09/2019	8803	Securasite LLC		04 Wilsonville T...	411.13	7,183.40
Bill	08/10/2019	34595	ACS Testing, Inc.		07 Pete's	665.70	7,849.10
Bill	08/13/2019	8805	Securasite LLC		02 Skyland/Coo...	1,775.00	9,624.10
Bill	08/13/2019	8806	Securasite LLC		03 Damascus	81.25	9,705.35
Bill	08/13/2019	8804	Securasite LLC		04 Wilsonville T...	3,018.75	12,724.10
Bill	08/14/2019	16846	Black Mountain Consulting		04 Wilsonville T...	2,100.00	14,824.10
Bill	08/14/2019	18034-3	McKay Consulting		22 Whale Head	1,065.00	15,889.10
Bill	08/14/2019	18034-3	McKay Consulting		20 Angel Falls/...	4,000.00	19,889.10
Bill	08/14/2019	18074-2	McKay Consulting		14 Lenhart	1,250.00	21,139.10
Bill	08/15/2019	34713	ACS Testing, Inc.		12 Crutcher Ben...	346.71	21,485.81
Bill	08/15/2019	34809	ACS Testing, Inc.		17 Estacada D...	226.38	21,712.19
Bill	08/15/2019	16848	Black Mountain Consulting		06 Mtn View	834.00	22,546.19
Bill	08/15/2019	16063-4	McKay Consulting		04 Wilsonville T...	420.00	22,966.19
Bill	08/15/2019	18010-3	McKay Consulting		02 Skyland/Coo...	605.00	23,571.19
Bill	08/16/2019	8810	Securasite LLC		12 Crutcher Ben...	75.00	23,646.19
Bill	08/16/2019	8808	Securasite LLC		20 Angel Falls/...	42.34	23,688.53

These financial statements omit the statement of cash flows and substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

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Clackamas 800 Radio Group Profit & Loss Detail

Accrual Basis

August 2019

Type	Date	Num	Name	Memo	Class	Amount	Balance
Bill	08/16/2019	8809	Securasite LLC		20 Angel Falls/...	375.00	24,063.53
Bill	08/16/2019	8811	Securasite LLC		21 Oak Grove B...	250.00	24,313.53
Bill	08/16/2019	8812	Securasite LLC		13 Tom Dick an...	293.75	24,607.28
Bill	08/16/2019	8807	Securasite LLC		22 Whale Head	356.25	24,963.53
Bill	08/19/2019	16851	Black Mountain Consulting		04 Wilsonville T...	1,900.00	26,863.53
Bill	08/23/2019	5318	T3 Construction LLC		22 Whale Head	90,000.00	116,863.53
Bill	08/28/2019	9004297	Don Cushing Associates, Inc		04 Wilsonville T...	1,753.00	118,616.53
Bill	08/29/2019	M2697...	PGE		27 Hoodland Fire	336.66	118,953.19
Bill	08/29/2019	5322	T3 Construction LLC		12 Crutcher Ben...	10,000.00	128,953.19
Bill	08/29/2019	5323	T3 Construction LLC		12 Crutcher Ben...	13,660.00	142,613.19
Bill	08/30/2019	617444	Day Wireless Systems Inc.	Storage	40 All	1,554.00	144,167.19
Bill	08/31/2019	34842	ACS Testing, Inc.		27 Hoodland Fire	3,672.48	147,839.67
Bill	08/31/2019	16862	Black Mountain Consulting		20 Angel Falls/...	83.13	147,922.80
Bill	08/31/2019	16862	Black Mountain Consulting		21 Oak Grove B...	83.13	148,005.93
Bill	08/31/2019	16862	Black Mountain Consulting		13 Tom Dick an...	83.12	148,089.05
Bill	08/31/2019	16862	Black Mountain Consulting		22 Whale Head	83.12	148,172.17
Bill	08/31/2019	126625	HPS Construction Inc.		14 Lenhart	25,710.30	173,882.47
Bill	08/31/2019	126625	HPS Construction Inc.		07 Pete's	23,382.60	197,265.07
Bill	08/31/2019	126625	HPS Construction Inc.		08 Polivka	126,804.00	324,069.07
Bill	08/31/2019	8815	Securasite LLC		11 Brightwood	62.50	324,131.57
Bill	08/31/2019	8820	Securasite LLC	Const Mgmt	40 All	1,717.10	325,848.67
Bill	08/31/2019	8821	Securasite LLC	Const Mgmt	40 All	10,202.00	336,050.67
Bill	08/31/2019	8818	Securasite LLC		23 Goat Mountain	2,340.21	338,390.88
Bill	08/31/2019	8819	Securasite LLC		23 Goat Mountain	1,218.75	339,609.63
Bill	08/31/2019	8817	Securasite LLC		14 Lenhart	1,401.45	341,011.08
Bill	08/31/2019	8816	Securasite LLC		14 Lenhart	156.25	341,167.33
Bill	08/31/2019	8813	Securasite LLC		06 Mtn View	675.00	341,842.33
Bill	08/31/2019	8823	Securasite LLC	Proj Mgmt	40 All	323.83	342,166.16
Bill	08/31/2019	8822	Securasite LLC	Proj Mgmt	40 All	6,037.50	348,203.66
Bill	08/31/2019	8814	Securasite LLC		08 Polivka	650.00	348,853.66
Bill	08/31/2019	18001...	Todd Hess Building Company		11 Brightwood	20,367.09	369,220.75
Bill	08/31/2019	18001...	Todd Hess Building Company		14 Lenhart	20,367.09	389,587.84
Bill	08/31/2019	18001...	Todd Hess Building Company		17 Estacada_D...	20,367.09	409,954.93
Bill	08/31/2019	18001...	Todd Hess Building Company		24 Sawtell Fire ...	20,367.09	430,322.02
Bill	08/31/2019	18001...	Todd Hess Building Company		23 Goat Mountain	20,367.09	450,689.11
Bill	08/31/2019	18001...	Todd Hess Building Company		26 CCOM	20,367.10	471,056.21
Total 703-011 · Land Improvement						471,056.21	471,056.21
703-013 · Tower							
Bill	08/26/2019	19157	Summit Solutions Group LLC		17 Estacada_D...	17,734.00	17,734.00
Total 703-013 · Tower						17,734.00	17,734.00
703-014 · Generator							
Bill	08/19/2019	B579	Power Systems Plus Inc.		14 Lenhart	1,650.00	1,650.00
Bill	08/19/2019	B578	Power Systems Plus Inc.		01 Carver/Barton	1,650.00	3,300.00
Bill	08/19/2019	2030-3A	Power Systems Plus Inc.		11 Brightwood	1,650.00	4,950.00
Total 703-014 · Generator						4,950.00	4,950.00
Total 703-01 · Buildings & Land Improvement						493,740.21	493,740.21
703-02 · Radio Backbone							
703-022 · Subscriber Radios							
Bill	08/31/2019	5	Gibson Technical Services	Scriber Instll	40 All	3,557.29	3,557.29
Total 703-022 · Subscriber Radios						3,557.29	3,557.29
703-026 · Cat. 6 Fire Station Alerting							
Bill	08/20/2019	8823	US Digital Designs, Inc.	Fire Station Alert	40 All	74,555.17	74,555.17
Bill	08/20/2019	8824	US Digital Designs, Inc.	Fire Station Alert	40 All	12,716.07	87,271.24
Bill	08/20/2019	8825	US Digital Designs, Inc.	Fire Station Alert	40 All	51,076.96	138,348.20
Total 703-026 · Cat. 6 Fire Station Alerting						138,348.20	138,348.20
Total 703-02 · Radio Backbone						141,905.49	141,905.49
703-03 · Equipment							
703-032 · DC Power							
Bill	08/30/2019	617447	Day Wireless Systems Inc.		12 Crutcher Ben...	30,753.11	30,753.11
Bill	08/30/2019	617447	Day Wireless Systems Inc.		14 Lenhart	28,150.18	58,903.29
Bill	08/30/2019	617447	Day Wireless Systems Inc.		17 Estacada_D...	32,736.45	91,639.74
Bill	08/30/2019	617447	Day Wireless Systems Inc.		19 Redland Road	3,591.86	95,231.60
Total 703-032 · DC Power						95,231.60	95,231.60
703-034 · Microwave							
Bill	08/07/2019	SI-494...	Lile International Companies	MicroWave Storage	40 All	1,559.00	1,559.00
Bill	08/31/2019	SI-495...	Lile International Companies	MicroWave Storage	40 All	1,344.00	2,903.00
Total 703-034 · Microwave						2,903.00	2,903.00
Total 703-03 · Equipment						98,134.60	98,134.60
Total 703-00 · Capital Outlay						733,780.30	733,780.30
Total Expense						749,511.37	749,511.37
Net Ordinary Income						195,625.46	195,625.46
Net Income						195,625.46	195,625.46

These financial statements omit the statement of cash flows and substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

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Accrual Basis

Clackamas 800 Radio Group

Trial Balance

As of August 31, 2019

	Aug 31, 19	
	Debit	Credit
115-00 · Cash/Checking Account	350,160.76	
11000 · Accounts Receivable	387,731.80	
120-00 · Member Fees Receivable	0.00	
12000 · Undeposited Funds	0.00	
150-00 · Prepaid Expenses	0.00	
169-00 · CIP	8,003,794.52	
160-00 · Buildings and Towers	10,956,645.15	
165-00 · Radio Backbone	2,520,898.80	
166-00 · Equipment	704,983.00	
167-00 · Work In Progress	0.00	
175-00 · Accumulated Depreciation		10,958,322.09
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44	
201-00 · Accounts Payable		745,458.64
201-02 · Other Accounts Payable	0.00	
202-00 · Partner Prepayment		39,130.00
250-00 · N/P - CCB (Microwave)	0.00	
210-00 · Reimb due Clackamas County	0.00	
300-01 · GLTDAG	0.00	
300-00 · Fund Balance	0.00	
310-00 · Investment in Fixed Assets		11,227,999.38
320-00 · Retained Earnings, Prior		6,442,331.43
405-00 · Members Contracts		77,418.20
410-00 · Partners Fees		1,006,630.00
431-00 · Interest Income		100.82
435-00 · Lease Revenue		6,711.00
450-00 · Intergovernmental-Clackamas Co		946,542.16
605-00 · Site Rental	65,721.22	
610-00 · Fuel/Generators	3,910.34	
630-00 · UPS Maintenance	4,065.00	
650-00 · Utilities	8,068.45	
655-00 · Consultant Services	11,082.44	
660-00 · WCCCA System Fees	216,692.22	
665-00 · Radio Maintenance Fees	1,938.41	
675-00 · Financial Services	1,070.00	
703-011 · Land Improvement	1,776,057.38	
703-013 · Tower	260,065.00	
703-014 · Generator	54,594.00	
703-022 · Subscriber Radios	3,557.29	
703-024 · Paging	7,759.00	
703-025 · Back up Dispatch	684.00	
703-026 · Cat. 6 Fire Station Alerting	138,348.20	
703-032 · DC Power	156,296.30	
703-034 · Microwave	4,462.00	
TOTAL	31,450,643.72	31,450,643.72

Clackamas 800 Radio Group

Balance Sheet

As of August 31, 2019

	Aug 31, 19
ASSETS	
Current Assets	
Checking/Savings	
115-00 · Cash/Checking Account	350,160.76
Total Checking/Savings	350,160.76
Accounts Receivable	
11000 · Accounts Receivable	387,731.80
Total Accounts Receivable	387,731.80
Total Current Assets	737,892.56
Fixed Assets	
169-00 · CIP	8,003,794.52
160-00 · Buildings and Towers	10,956,645.15
165-00 · Radio Backbone	2,520,898.80
166-00 · Equipment	704,983.00
175-00 · Accumulated Depreciation	-10,958,322.09
Total Fixed Assets	11,227,999.38
Other Assets	
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44
Total Other Assets	5,812,058.44
TOTAL ASSETS	17,777,950.38
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
201-00 · Accounts Payable	745,458.64
Total Accounts Payable	745,458.64
Other Current Liabilities	
202-00 · Partner Prepayment	39,130.00
Total Other Current Liabilities	39,130.00
Total Current Liabilities	784,588.64
Total Liabilities	784,588.64
Equity	
310-00 · Investment in Fixed Assets	11,227,999.38
320-00 · Retained Earnings, Prior	6,442,331.43
Net Income	-676,969.07
Total Equity	16,993,361.74
TOTAL LIABILITIES & EQUITY	17,777,950.38

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Clackamas 800 Radio Group A/R Aging Detail As of August 31, 2019

Type	Date	Num	Name	Due Date	Aging	Open Balance
Current						
Total Current						
1 - 30						
Total 1 - 30						
31 - 60						
Invoice	07/15/2019	19-216	American Medical Response	07/15/2019	47	11,610.00
Invoice	07/15/2019	19-217	Canby FD	07/15/2019	47	29,670.00
Invoice	07/15/2019	19-220	Clackamas County FD #1	07/15/2019	47	141,900.00
Invoice	07/15/2019	19-221	Colton Fire	07/15/2019	47	16,770.00
Invoice	07/15/2019	19-225	Hoodland Fire District	07/15/2019	47	25,370.00
Invoice	07/15/2019	19-230	City of Milwaukie Public Works	07/15/2019	47	20,640.00
Invoice	07/15/2019	19-234	Sandy Fire	07/15/2019	47	28,380.00
Invoice	07/15/2019	19-235	Sandy Police	07/15/2019	47	19,780.00
Invoice	07/15/2019	19-239	Wilsonville - PW / Transit	07/15/2019	47	31,820.00
Invoice	07/15/2019	19-240	Boring Water	07/15/2019	47	860.00
Invoice	07/15/2019	19-241	Clackamas County - Community Corrections	07/15/2019	47	22,790.00
Invoice	07/15/2019	19-242	Clackamas County - District Attorney	07/15/2019	47	1,290.00
Invoice	07/15/2019	19-244	Clackamas County - Transportation Eng	07/15/2019	47	11,180.00
Invoice	07/15/2019	19-245	Clackamas County - Code Enforcement	07/15/2019	47	1,720.00
Invoice	07/15/2019	19-246	Clackamas County - Medical Examiner	07/15/2019	47	1,720.00
Invoice	07/15/2019	19-248	Clackamas County Community College	07/15/2019	47	1,720.00
Total 31 - 60						367,220.00
61 - 90						
Total 61 - 90						
> 90						
Invoice	07/31/2018	18-166	Canby FD	07/31/2018	396	11,481.80
Invoice	07/31/2018	18-188	Boring Water	07/31/2018	396	860.00
Invoice	07/31/2018	18-192	Clackamas County - Transportation Eng	07/31/2018	396	8,170.00
Total > 90						20,511.80
TOTAL						387,731.80

RADIO PROJECT STATUS

Emergency Communication System Upgrade

C800 Project Leader: John Hartsock

WCCCA Project Leader: Ron Polluconi

C800 Project Manager: Bjorn Morfin

Date: September 17, 2019



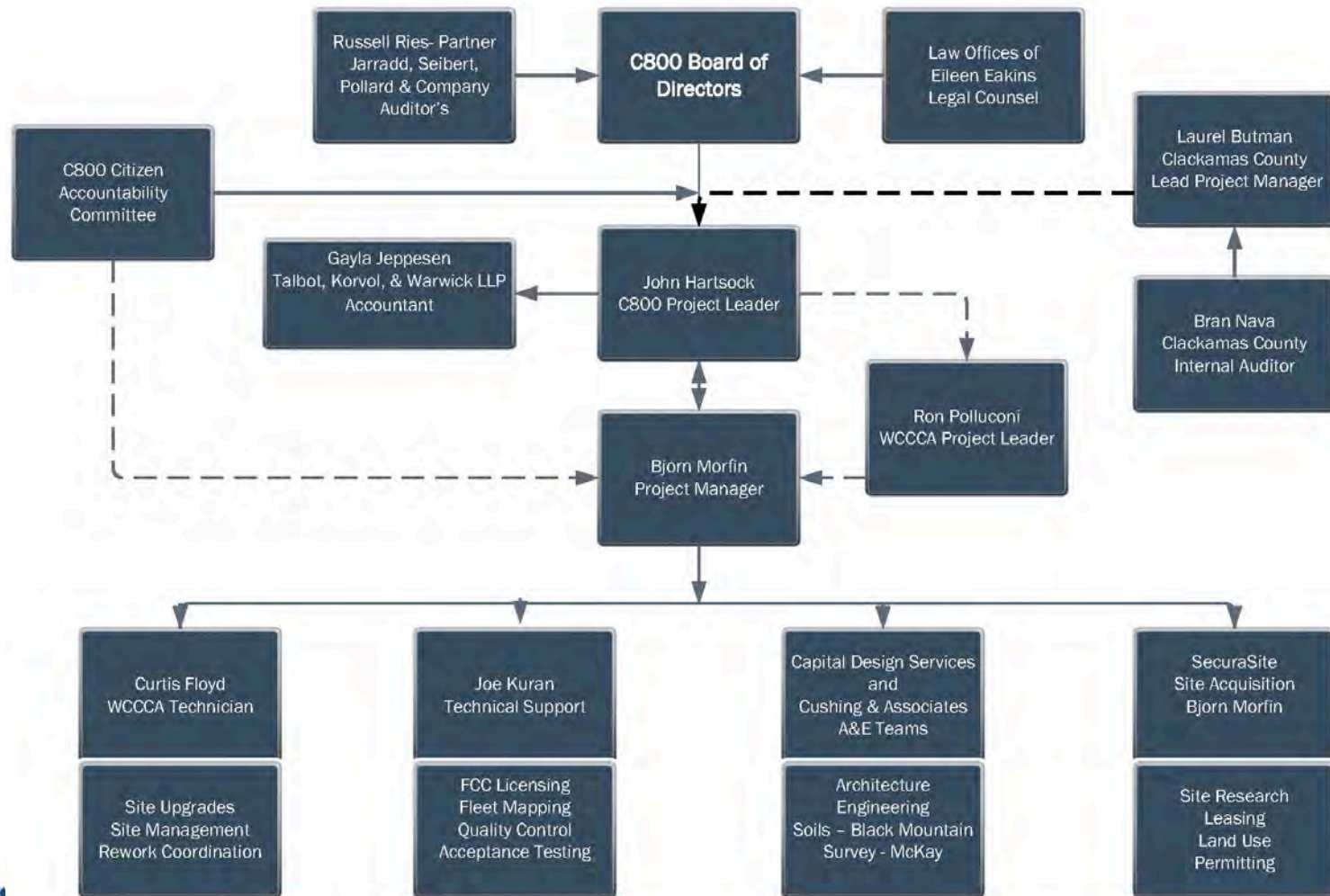
Resiliency:

A Primary Objective of the Upgraded System Design

- New Facilities and Towers - Designed to the Oregon Structural Specialty Code: “Essential Facilities” Risk Category IV: i.e., Essential structures in this category are used for communications across non-redundant and hardened networks such as: rescue or disaster operations, and public safety facilities. They are to withstand a magnitude 9 earthquake and continue to operate.
- Existing Facilities and Towers - Upgraded to Meet the Current Essential Facilities Codes. Includes 6 tower replacements / 5 tower upgrades and 11 building foundation upgrades.
- 48V DC Power Systems Combined with Emergency Generators - Having 1,000 gal propane fuel supply to provide up to 4 weeks of back up power.
- Redundant HVAC units to maintain environmental control.



C800 Project Team



Project Status New Sites Summary

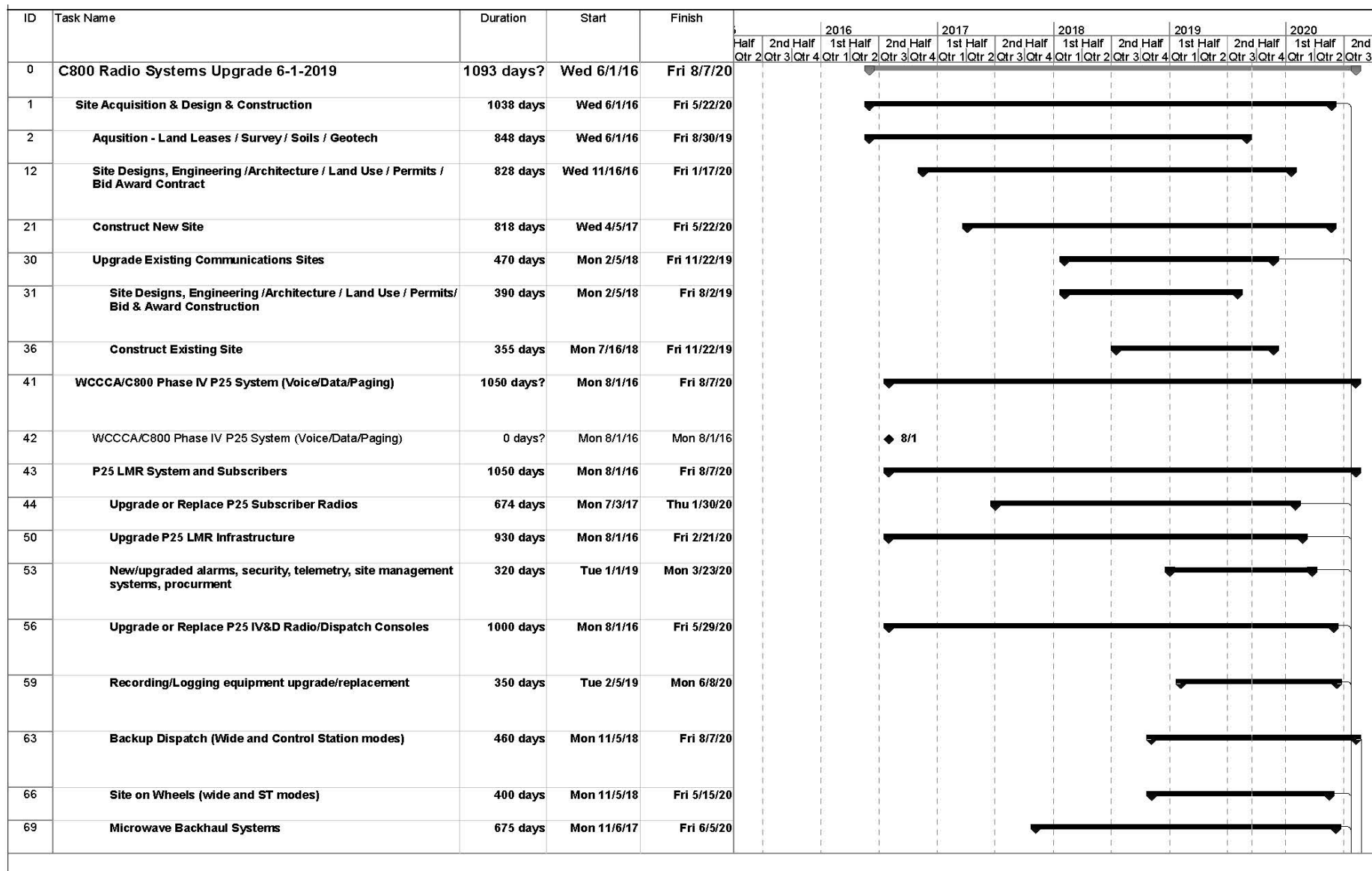
Fourteen New Sites Acquisition / Design / Construction:

- **Barton:** Construction complete – radio / antenna / 48V battery/ microwave installation complete.
- **Cooks Butte:** Preparing land use submittal including arborist review, sensitive lands review, NEPA, for submittal by early October after the neighborhood meeting on September 18th.
- **Kerr Parkway Water Tank:** We are researching alternative locations.
- **Damascus / Sandy / Canby:** Construction / radio / antenna / 48V battery/ microwave installation complete.
- **Wilsonville:** City has signed lease / permit application submitted and anticipating a permit by September 30, 2019
- **Crutcher Bench (BLM):** Construction complete radio / antenna / 48V battery/ microwave installation complete.
- **Highland Butte (BLM):** Construction to begin in early October finalizing tree sale with BLM and additional NEPA work.
- **Tom Dick & Harry / Memaloose / Whale Head / Oak Grove (USFS):** Construction is underway on Memaloose / Whalehead / Oak Grove – access easement being obtained for TD&H.
- **Hoodland Fire/Brightwood:** Construction is underway anticipating completion by October 4, 2019.

Project Status Existing Sites Summary

	C800
13 Existing Sites Design / Construction	<ul style="list-style-type: none"> • Brightwood / Lenhart / Mt Scott / Pete's / Polivka: Tower replacement / building foundation upgrades / 48V DC power system / new generator and 1,000 gal fuel tank / new HVAC units. Construction underway anticipate completion of all by mid to late October • Goat Mtn / Mt View / Redland Rd / Sawtell / View Acres: Tower structural upgrades / building foundation upgrades / 48V DC power system / new generator and 1,000 gal fuel tank / new HVAC units. Mt View/Redland/Sawtell/View Acres complete Goat is underway with an anticipated October completion • Day Hill: All work complete radio/antenna/48V battery work complete • Timberline: new generator and 1,000 gal fuel tank to be scheduled • CCOM: New Uninterruptable Power System for Master Site Equipment / revisions to fire suppression system / new cable tray. Work complete.

Project Schedule



Project Schedule

ID	Task Name	Duration	Start	Finish																	
					2016				2017				2018		2019				2020		
					Half 2	2nd Half Qtr 3	1st Half Qtr 4	2nd Half Qtr 2	1st Half Qtr 3	2nd Half Qtr 4	1st Half Qtr 1	2nd Half Qtr 2	1st Half Qtr 3	2nd Half Qtr 4	1st Half Qtr 1	2nd Half Qtr 2	1st Half Qtr 3	2nd Half Qtr 4	1st Half Qtr 1	2nd Half Qtr 2	
75	New/Upgrade 48 VDC and Battery Backup Systems	405 days	Mon 9/24/18	Fri 4/10/20																	
80	Paging, Messaging Systems upgrade/replacement	600 days	Mon 2/5/18	Fri 5/22/20																	
89	IP based Fire Station Alerting System	500 days	Mon 6/4/18	Fri 5/1/20																	
96	Video and Security systems	255 days	Mon 6/17/19	Fri 6/5/20																	
103	Interoperable RF Systems and Links	570 days	Mon 6/4/18	Fri 8/7/20																	
110																					
112	System Operational August 7, 2020	0 days	Fri 8/7/20	Fri 8/7/20																	8

- New Site Design & Construction complete: May 2020
- Existing Sites Upgrade complete: November 2019
- System Operational Date: August 2020

C800 Radio System Upgrade Budget ⁽¹⁾

Project:	C800 Radio System Upgrade		
Date Original:	10/1/2015	Date Updated: March 1 2018	
Project Manager:	Bjorn Morfin		

Item	Budget	Original Encumbrance	Additional Encumbrance / Change Order	Estimate to Complete	Percent Complete	Estimated Total	(Over) Under Budget	Expended
Soft Cost								
Site Acquisition Consulting - Quest	60,000	30,000	40,000	0	95.81%	70,000	(10,000)	67,069.81
Site Acquisition Consulting / Permits - Securasite	320,000	268,500	50,000	0	65.43%	318,500	1,500	208,397.75
Site Planning A&E - Cushing/Capital	725,000	317,178	312,822	100,000	84.55%	730,000	(5,000)	617,196.63
Geotechnical+13:45 / Environmental Consulting - Black Mtn	250,000	89,100	128,356	30,000	64.63%	247,456	2,544	159,942.65
Survey - McKay	75,000	50,160		20,000	60.40%	70,160	4,840	42,380.00
USFS Land Use Fees	15,000	10,000		30,000	58.89%	40,000	(25,000)	23,554.89
Land Use Fees	25,000	8,379		20,000	29.53%	28,379	(3,379)	8,379.00
Plan Check / Permit Cost	60,000	5,800		50,000	14.45%	55,800	4,200	8,060.39
Printing	2,500			2,500	0.00%	2,500	0	0.00
Bid Advertising	3,500	60		3,400	16.37%	3,460	40	566.48
Materials Testing & Inspection	40,000	1,200	2,500	35,000	6.78%	38,700	1,300	2,623.75
Project Management	300,000	80,000	202,000	25,000	37.51%	307,000	(7,000)	115,157.25
Legal Fees	30,000	12,000	10,000	8,000	42.63%	30,000	0	12,787.60
Licensing	20,000	60,000		5,000	92.44%	65,000	(45,000)	60,089.00
Miscellaneous	30,000	6,800	2,000	4,000	67.66%	12,800	17,200	8,660.88
Sub-Total Soft Cost	1,956,000	939,177	747,678	332,900	66.09%	2,019,755	(63,755)	1,334,866
Construction Cost								
Site Construction	8,895,000	1,641,198		7,253,802	8.16%	8,895,000	0	725,394.93
Buildings	1,350,000	986,718		363,282	27.46%	1,350,000	0	370,756.60
Towers	660,000	511,282		148,718	30.69%	660,000	0	202,544.90
Generator	500,000	428,750		75,000	48.96%	503,750	(3,750)	246,658.00
48VDC	1,065,000			1,065,000	5.99%	1,065,000	0	63,816.00
Lake Oswego Antenna	18,000	17,500	0	0	100.07%	17,500	500	17,511.75
Existing Sites	100,000	6,400		93,600	6.40%	100,000	0	6,400.00
Sub-Total Construction Cost	12,588,000	3,591,848	0	8,999,402	12.97%	12,591,250	(3,250)	1,633,082.18

C800 Radio System Upgrade Budget (2)

Project:	C800 Radio System Upgrade	
Date Original:	10/1/2015	Date Updated: 9/1/19
Project Manager:	Bjorn Morfin	

Item	Budget	Original Encumbrance	Additional Encumbrance / Change Order	Estimate to Complete	Percent Complete	Estimated Total	(Over) Under Budget	Expended
Equipment Costs								
Simulcast Equipment	20,726,000	\$19,592,515		200,000	72.08%	19,792,515	933,485	14,266,288.02
Paging	373,000	7,523		365,000	8.04%	372,523	477	29,958.31
Subscriber Radios	5,000,000	6,303,129		500,000	49.32%	6,803,129	(1,803,129)	3,355,572.47
Asset Management	119,000			119,000	0.00%	119,000	0	0.00
Post Warranty / System Refresh	5,800,000	5,812,058		0	100.00%	5,812,058	(12,058)	5,812,058.44
Test Equipment	100,000			100,000	0.00%	100,000	0	0.00
Microwave	3,368,000	0	2,349,951	250,000	95.35%	2,599,951	768,049	2,479,087.91
Security System	1,364,000			500,000	0.22%	500,000	864,000	1,079.96
Fire Station Alerting	0	1,509,003		50,000		1,559,003	(1,559,003)	80,717.54
Subtotal Equipment Costs	36,850,000	33,224,228	2,349,951	2,084,000	69.11%	37,658,179	(808,179)	26,024,763
Bond Cost	300,000	290,372		0	111.43%	290,372	9,628	323,547
Subtotal Project Cost	51,594,000	46,460,168	3,813,938	5,641,670	70.05%	55,915,776	(4,321,776)	39,170,637
Additional Proceeds	4,875,000					(4,875,000)	4,875,000	
Adjusted Project Costs	56,469,000	46,460,168	3,813,938	5,641,670	70.05%	51,040,776	553,224	
Contingency	7,406,000			7,406,000	0.00%	7,406,000	0	
Total Project Cost	63,875,000	46,460,168	3,813,938	13,047,670	67.02%	58,446,776	553,224	39,170,637.48

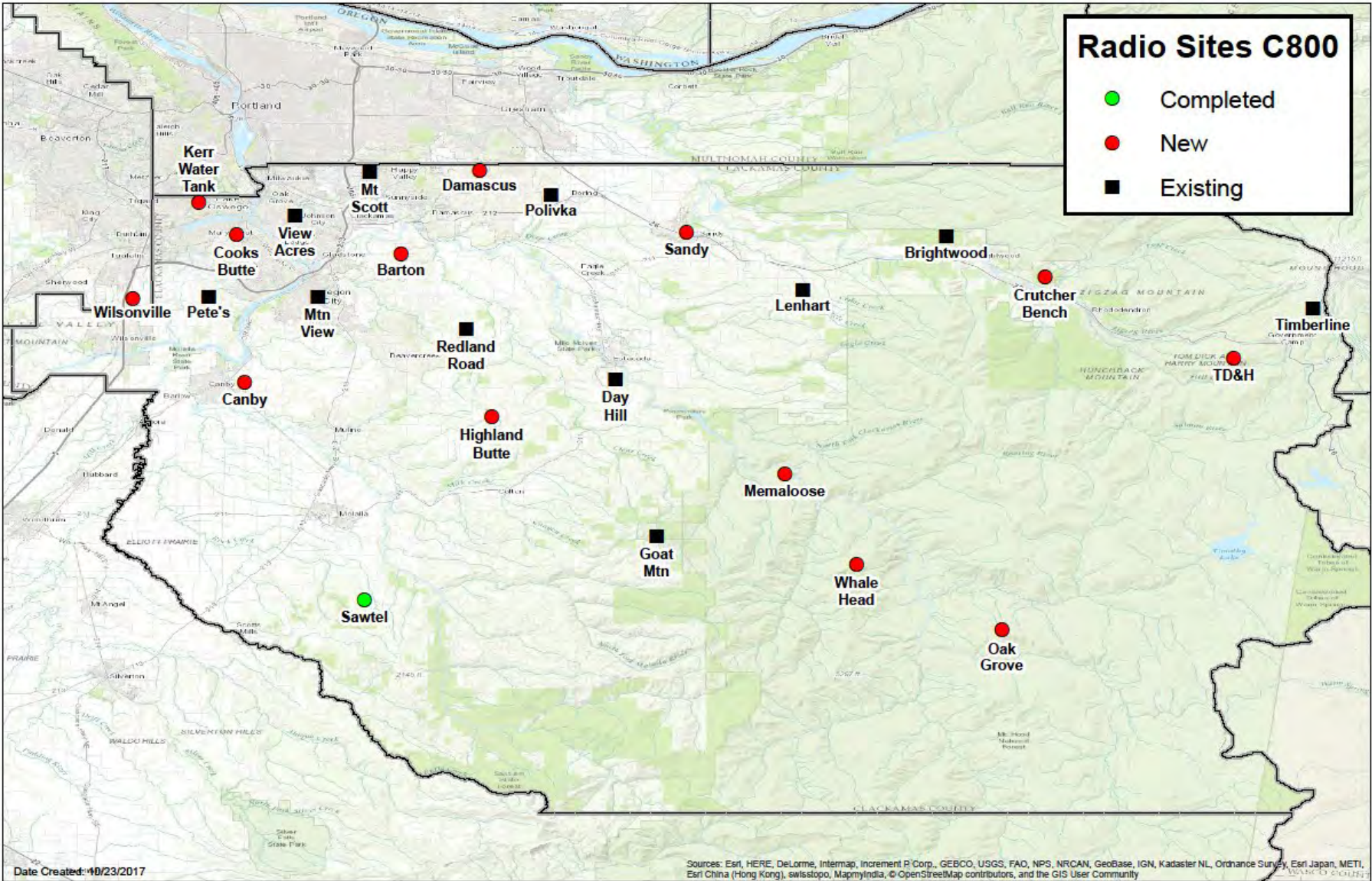
Bond Proceeds	5,845,000	Taxable
	53,155,000	Non Taxable
	59,000,000	
Additional Proceeds	2,200,000	Subscriber Radio Payments
	2,675,000	PGE Payment
	4,875,000	
Total Proceeds	63,875,000	

Premium Bond Proceeds	7,165,794
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Q4 - 2019 Quarterly Outlook

	C800
<ul style="list-style-type: none">• Procurement	<ul style="list-style-type: none">• Bid and award asset management system• Bid and award security/CCTV system
<ul style="list-style-type: none">• Leases & Land Use Applications	<ul style="list-style-type: none">• Complete Cooks land use and submit for building permits
<ul style="list-style-type: none">• Existing Site & Building Upgrades	<ul style="list-style-type: none">• Continue to construct civil work relating to shelter/generator foundation upgrades, doors, electrical, and related site compound renovations.• Construct tower upgrades at existing sites
<ul style="list-style-type: none">• Radio / Microwave	<ul style="list-style-type: none">• Continue radio infrastructure install• Continue microwave system install• Finalize subscriber radio distribution and existing radio upgrades

C800 Site Locations



Project Summary:

To create an efficient, dependable public safety radio communications system that works in all parts of Clackamas County!

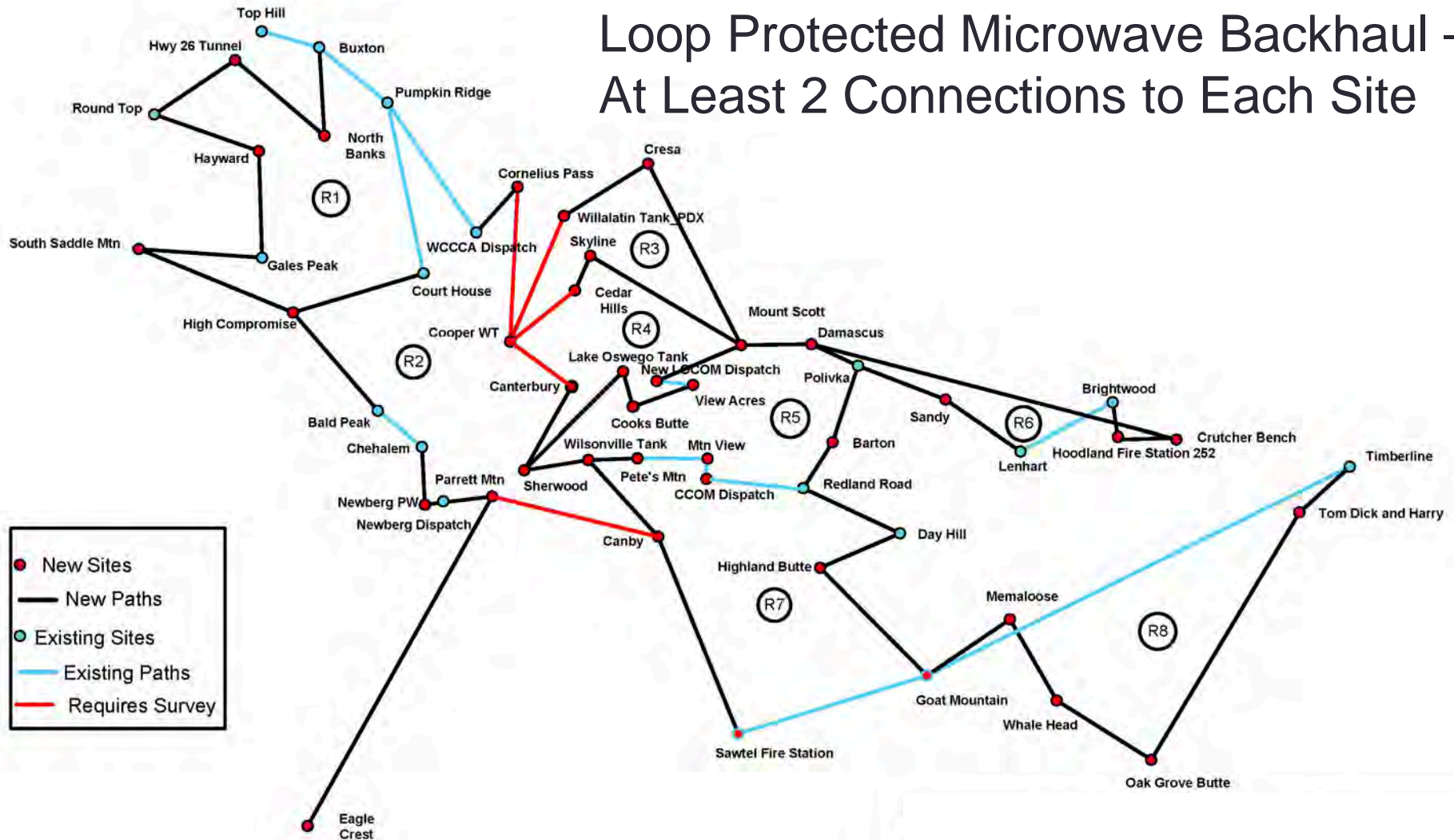
**What's Happening With the
Communications Upgrade
Project?**



Resiliency:

A Primary Objective of the Upgraded System Design

Loop Protected Microwave Backhaul –
At Least 2 Connections to Each Site





Pete's Mtn



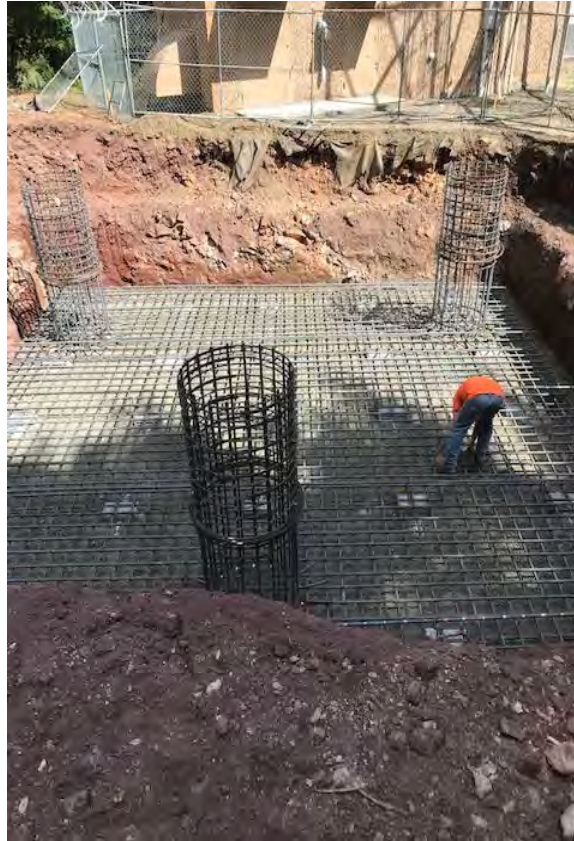
Polivka



Brightwood



Lenhart



Hoodland



Goat Mountain



Whalehead



**11300 SE Fuller Rd
Milwaukie, Oregon 97222
(503) 780-4806
C800.ORG**

Board of Directors Action Request

To: C800 Board of Directors
From: John Hartsock, Manager
Date: September 25, 2019
Re: Approve a Contract for a Paging Backbone Upgrade

REQUEST: It is hereby requested that the C800 Board of Directors approve issuing a purchase order to Daniels Electronics dba Codan Radio Communications, Victoria BC in the amount of \$243,010.00 for the furnishing of 900MHz backbone paging equipment.

DESCRIPTION: Included in the Communications Upgrade Project is the procurement of 900MHz paging backbone equipment. This includes paging transmitters and related equipment for 15 sites in Clackamas County. The current paging equipment is antiquated and at the end of life.

In accordance with ORS 279A-205 this procurement is being facilitated through a cooperative purchasing agreement. The National Association of State Purchasing Officials (NASPO), through the State of Washington Procurement, has entered into contract number 06913 in May of 2015 with Amendment #1 and #2 extending the contract to June 2021 with Daniels Electronics dba Codan Radio Communications.

FINANCE: The amount of \$243,010 is budgeted in capital outlay as part of the Bond funding.

LEGAL: The NASPO Daniels Electronics dba Codan Radio Communications cooperative agreement will be utilized as approved by legal counsel.

RECOMMENDATION: It is hereby recommended that the C800 Board of Directors approve issuing a purchase order to Daniels Electronics dba Codan Radio Communications, Victoria BC in the amount of \$243,010.00 for the furnishing of 900MHz backbone paging equipment.