

CLACKAMAS CS00 RADIO GROUP

BOARD OF DIRECTORS MEETING AGENDA

July 11, 2018 / 10:30AM

Meeting to be held at:

CCOM/EOC 2200 Kane Rd, Oregon City, OR 97045

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

1. Call the Board of Directors meeting to Order - Chair Deputy Chief Ryan Hari
2. Roll Call of Partners: (18/10)
 - a. City of Canby
 - b. City of Gladstone
 - c. City of Lake Oswego
 - d. City of Milwaukie
 - e. City of Molalla
 - f. City of Oregon City
 - g. City of Sandy
 - h. City of West Linn
 - i. Canby Fire District
 - j. Clackamas Fire District #1
 - k. Colton Fire District
 - l. Estacada Fire District
 - m. Hoodland Fire District
 - n. Molalla Fire District
 - o. Sandy Fire District
 - p. Tualatin Valley Fire & Rescue
 - q. Clackamas County Sheriff
 - r. Clackamas County Health
3. *Approval of Minutes of: June 13, 2018 Board Meeting
4. Public Comment
5. Communications
6. Financial Report - John Hartsock
7. Committee Reports
 - a. Executive Committee - Ryan Hari
 - b. Technical - John Hartsock
 - c. Citizen Accountability - John Hartsock - Next Meeting September 18, 2018
8. Old Business: (* Action Item)
 - a. System Management: John Hartsock
 - b. System Upgrade/Replacement
 - i. Project Status / Procurement - Bjorn Morfin - John Hartsock
 1. Wilsonville site replacement
 - ii. Fire Station Alerting / Paging - John Hartsock
 - iii. Portable / Mobile Radio Deployment
9. New Business: (* Action Item)
 - a. * Purchase Approval for Tower Replacement at Pete's Mtn site
 - b. **Next Board Meeting August 15, 2018 10:30A @ CCOM - EOC**
10. Open Agenda
11. Adjournment

CLACKAMAS C800 RADIO GROUP

Board of Directors Meeting

Meeting Minutes of the June 13, 2019 Board Meeting

CCOM/EOC 2200 Kaen Rd, Oregon City, OR 97045

1. C800 Board Meeting Called to Order at 1030

2. The following were in attendance:

City of Canby / Chief Bret Smith	Estacada Fire / Chief Bob Morrisey / Richard Anderson
City of Gladstone / Deputy Chief Randy Hopperstad / Lt. Glen Fryett	Hoodland Fire District / Joe Schwab
City of Lake Oswego / Sue Scobert	Molalla Fire / Chief Vince Stafford
City of Milwaukie / Chief Steve Bartol	Sandy Fire / Chief Phil Schneider
City of Molalla / Chief Rob Lucich (Telephone)	TVF&R / Asst Chief Mark Havener
City of Oregon City / Chief Jim Band	
City of Sandy / Chief Ernie Roberts	Clackamas County / Brian Nava
City of West Linn / Captain Neil Henley	CCOM / Cheryl Bledsoe / Mark Spross / Scott Miller
Canby Fire District / Chief Jim Davis	Day Wireless / Ben Labes
Clackamas Fire District #1 / Deputy Chief Ryan Hari / Div. Chief Mike Corless / Melissa Fielman	WCCCA / Ron Polluconi
	C800 / John Hartsock / Bjorn Morfin

3. Approval of Minutes –May 9, 2018 Board Meeting

- a. Vince Stafford mad a motion to approve the minutes of the May 9, 2018 Board meeting as submitted and the motion was seconded by Randy Hopperstad. A unanimous vote was cast in favor.

4. Public Comment: None

5. Communications: None

6. Financial Report – John reported that the April 2018 financial report was included in the packet and that we are tracking on budget and there are no unusual items to report.

7. Committee Reports

- a. Executive Committee – Met on Monday June 11, 2018
- i. Reviewed obtaining the status of the access easement for the Wilsonville site from Pleasant Valley RV Park – slow process; waiting on an easement signature, discussed another access option or whether to abandon site. No decision at this time – staff is researching the other access option.
- b. Technical – Did not meet; will meet at the end of the month
- c. Citizen Accountability– will meet on June 19th at Sandy Annex at 6:30pm

8. Old Business:

- a. System Management
- i. Ongoing maintenance, various equipment part failure issues due to age of equipment but able to maintain due to available spares. Spares inventory increased due to City of Portland contributing surplus equipment now that they are cut over to digital.

- b. System Upgrade/Replacement
 - i. Project Status/Procurement – Bjorn could not attend; John Hartsock
 - a. Wilsonville site - Outlined a potential alternate access location from a property to the North. Contacting property owner for an easement.
 - b. Barton site - Being submitted for land use in early July
 - c. Barton, Crutcher Bench, and Highland Butte sites – Will be going to bid at end of June or beginning of July. Anticipate starting construction in late July or early August.
 - d. Cooks Butte, Kerr Rd sites / Lake Oswego – Lease approved for Cooks Butte awaiting City Council approval of Kerr Rd lease. Will submit for land use on both sites once the Kerr Rd. lease is signed.
 - e. Damascus site – Held up by home owners’ association claims of road damage. Construction is 80% complete. Anticipate construction restart by June 18, 2018 with tower erection and setting of building in early July. Site to be complete by early August.
 - f. Sandy site – The tower is standing and the building was delivered last Friday. The site is planned to be finished in two weeks.
 - g. Canby site – The tower is standing and the building will be delivered Friday. Anticipate site completion by early July.
 - h. Crutcher Bench, Highland Butte sites –The lease from BLM has been received. Drawings were delayed due to receipt of geotechnical engineering but will be out to bid by end of the month or early July.
 - i. Four US Forest Sites (Memaloose/Oak Grove Butte/Whalehead/Tom Dick & Harry) The NEPA process moving along well with good cooperation from the USFS. The consultants have completed the rare plant and moss study with no concerning findings. Finalizing the visual impact and archeology studies.
 - j. Existing sites (Pete’s Mtn/Mt Scott/Mt View/Polivka/View Acres/Redland) - The work is continuing with upgrades -generators, seismic upgrades, new HVAC, new roofs, exterior skin repair, electrical.
 - k. At the existing sites Motorola is moving existing radio equipment to set new radio equipment
 - ii. Fire Station Alerting/Paging
 - a. Mark Havener advised that TVFR will make a recommendation to Washington County Fire Defense Board that the Washington County Fire agencies with the exception of City of Hillsboro move to the US Digital system.
 - b. Discussion ensued about the Comtech system that is installed in many Clackamas County fire agencies and the potential replacement to US Digital. It was discussed that the US Digital solution and support was superior to Comtech. US Digital will also support paging with either the 900MHz system or use of the G4 or G5 P25 pagers which is an added benefit.
 - c. CCOM also advised that they had researched the various solutions and would recommend the use of US Digital from a dispatch perspective.
 - d. TVF&R has determined that the US Digital front end or controller at each station would interface to the balance of the Comtech system.
 - e. The bond would cover the cost of the furnishing and installation of the controller equipment at each station and further WCCCA/C800 would share the cost of the CAD interface with one common system.
 - f. WCCCA techs would support the system if the universal approach is taken.

- g. It was the consensus of the Board to not take action at this time, but for the Fire agencies to obtain acceptance of this approach from the Clackamas Fire Defense Board at their next meeting, and advise C800.
 - h. Staff will schedule meetings with each fire agency to discuss the logistics and project management of the integration.
- iii. Antenna Issues – portables/location on vehicles
- a. Ron advised that the system design and additional feature such as location services is based on utilizing a full-size antenna on the portable radios. In most urban and some suburban areas, the full-size antenna is not necessary, but the GPS/location services will likely be lost. The antenna is approximately 7 ¼ inches tall.
 - b. There was discussion of WIFI capabilities and other data communication from the mobile radio and the importance of following the Motorola installation instructions utilizing the furnished WIFI and GPS antennas.
 - c. It was noted that the antennas are provided by the bond with the radios, but not the installation.
 - d. John will be providing radio distribution information with an anticipated 1st of August availability for installation.
- d. **New Business:**
- i. Purchase Approval for Tower Replacement at Brightwood
 - i. John and Ron advised that the tower at the Brightwood site would need to be replaced because of the need for additional height and additional antennas.
 - ii. As outlined in the staff report, staff obtained a proposal from Saber Ind. based on our existing contract and from a second vendor to insure competitive pricing. Saber Industries provided the most competitive price in the amount of \$44,489.
 - iii. A motion was made by Steve Bartle to authorize the award of the tower purchase to Saber Ind., and it was seconded by Jim Davis. A unanimous vote was cast in favor.
 - ii. Approval of Agreement to Repair Roads Adjacent to Damascus Site
 - i. John and Bjorn outlined the issues with the Damascus Home Owner’s Association and their claim of current and long-term road damage in construction of the site as outlined in the staff report. C800 legal counsel, Eileen Eakins, prepared the settlement agreement and recommends the Board’s approval.
 - ii. A motion made by Brett Smith to approve the settlement agreement as presented and was second by Neil Henley.
 - iii. 12 of the Board members voted aye and 3 opposed (Jim Davis, Bob Morrissey, Jim Band)
 - iv. Motion carries

9. **Open Agenda:** None

10. **Adjournment:** Meeting was adjourned at 11:38 am.

Clackamas 800 Radio Group
Profit & Loss Budget vs. Actual
 July 2017 through May 2018

	Jul '17 - May 18	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
401-00 · Beginning Fund Balance	0.00	334,113.00	-334,113.00	0.0%
405-00 · Members Contracts	65,831.20	61,770.00	4,061.20	106.6%
410-00 · Partners Fees	946,343.00	965,483.00	-19,140.00	98.0%
415-00 · Mobile Data Devices	0.00	0.00	0.00	0.0%
420-00 · Partners Debt Service Zone Cont	93,689.00	93,689.00	0.00	100.0%
421-00 · Partner Debt Service Microwave	0.00	0.00	0.00	0.0%
430-00 · Subscriber Radio Payments	2,385,101.80			
431-00 · Interest Income	113.65	100.00	13.65	113.7%
435-00 · Lease Revenue	13,235.00	45,000.00	-31,765.00	29.4%
440-00 · Miscellaneous Income	0.00	1,000.00	-1,000.00	0.0%
450-00 · Intergovernmental-Clackamas Co	14,403,199.02	39,200,000.00	-24,796,800.98	36.7%
455-00 · Bond Interest Income	0.00	550,000.00	-550,000.00	0.0%
Total Income	17,907,512.67	41,251,155.00	-23,343,642.33	43.4%
Gross Profit	17,907,512.67	41,251,155.00	-23,343,642.33	43.4%
Expense				
605-00 · Site Rental	136,109.76	211,702.00	-75,592.24	64.3%
610-00 · Fuel/Generators	0.00	1,500.00	-1,500.00	0.0%
615-00 · HVAC Maintenance	6,442.17	9,000.00	-2,557.83	71.6%
620-00 · Landscape Maintenance	4,710.00	6,000.00	-1,290.00	78.5%
621-00 · Office Supplies	139.99	3,000.00	-2,860.01	4.7%
622-00 · Bad Debt Expense	0.00	0.00	0.00	0.0%
625-00 · Generator Maintenance	10,940.54	9,000.00	1,940.54	121.6%
630-00 · UPS Maintenance	1,530.00	5,000.00	-3,470.00	30.6%
635-00 · Battery Maintenance	0.00	5,000.00	-5,000.00	0.0%
645-00 · Insurance	24,238.40	29,000.00	-4,761.60	83.6%
650-00 · Utilities	47,369.99	75,000.00	-27,630.01	63.2%
655-00 · Consultant Services	31,632.16	30,000.00	1,632.16	105.4%
657-00 · Regional Radio Expense	0.00	1,500.00	-1,500.00	0.0%
660-00 · WCCCA System Fees	695,404.00	679,394.00	16,010.00	102.4%
665-00 · Radio Maintenance Fees	62,467.30	40,000.00	22,467.30	156.2%
667-00 · Radio Replacement Project	0.00	0.00	0.00	0.0%
670-00 · Legal Services	10,833.82	6,000.00	4,833.82	180.6%
675-00 · Financial Services	6,387.50	8,000.00	-1,612.50	79.8%
680-00 · Audit Fees	5,850.00	8,000.00	-2,150.00	73.1%
683-00 · Capital Reserve	0.00	100,000.00	-100,000.00	0.0%
685-00 · Miscellaneous Expenses	2,654.61	3,500.00	-845.39	75.8%
686-00 · Meeting Expenses	388.29	2,500.00	-2,111.71	15.5%
703-00 · Capital Outlay				
703-01 · Buildings & Land Improvement				
703-011 · Land Improvement	1,349,386.79			
703-012 · Building	466,976.53			
703-013 · Tower	269,546.70			
703-014 · Generator	220,344.21			
Total 703-01 · Buildings & Land Improvement	2,306,254.23			
703-02 · Radio Backbone				
703-021 · Simulcast / Master Site	3,299,259.17			
703-022 · Subscriber Radios	3,948,005.92			
Total 703-02 · Radio Backbone	7,247,265.09			
703-03 · Equipment				
703-033 · .	40,080.00			
703-034 · Microwave	106,076.86			
703-03 · Equipment - Other	11,321.35			
Total 703-03 · Equipment	157,478.21			
703-06 · Warranty/Upgrade				
703-026 · Prepaid LT Warranty/Upgrade	5,812,058.44			
Total 703-06 · Warranty/Upgrade	5,812,058.44			
703-00 · Capital Outlay - Other	2,496.60	39,200,000.00	-39,197,503.40	0.0%
Total 703-00 · Capital Outlay	15,525,552.57	39,200,000.00	-23,674,447.43	39.6%

Clackamas 800 Radio Group
Profit & Loss Budget vs. Actual
 July 2017 through May 2018

	Jul '17 - May 18	Budget	\$ Over Budget	% of Budget
795-00 · Debt Service	93,688.22	94,000.00	-311.78	99.7%
800-00 · Operating Contingency	0.00	50,000.00	-50,000.00	0.0%
Total Expense	16,666,339.32	40,577,096.00	-23,910,756.68	41.1%
Net Ordinary Income	1,241,173.35	674,059.00	567,114.35	184.1%
Net Income	1,241,173.35	674,059.00	567,114.35	184.1%

Clackamas 800 Radio Group

Profit & Loss Detail

May 2018

Type	Date	Num	Name	Memo	Class	Amount	Balance
Ordinary Income/Expense							
Income							
410-00 · Partners Fees							
Credit Memo	05/11/2018	17-152	Hoodland Fire District	69 radios		0.00	0.00
Total 410-00 · Partners Fees						0.00	0.00
420-00 · Partners Debt Service Zone Cont							
Credit Memo	05/11/2018	17-152	Hoodland Fire District	VOID: To bill in 2018-19 FY in...		0.00	0.00
Total 420-00 · Partners Debt Service Zone Cont						0.00	0.00
430-00 · Subscriber Radio Payments							
Invoice	05/01/2018	17-151	City of Gladstone - Police	Total List Price		318,498.00	318,498.00
Invoice	05/01/2018	17-151	City of Gladstone - Police	48% Discount		-152,879.00	165,619.00
Invoice	05/01/2018	17-151	City of Gladstone - Police	C800 Stipend		-95,472.00	70,147.00
Invoice	05/02/2018	17-150	City of Gladstone - Fire	Total List Price (New Radios)		140,050.00	210,197.00
Invoice	05/02/2018	17-150	City of Gladstone - Fire	48% Discount		-67,224.00	142,973.00
Invoice	05/02/2018	17-150	City of Gladstone - Fire	C800 Stipend		-65,818.00	77,155.00
Invoice	05/15/2018	17-154	Canby Police	Total List Price (New Radios)		401,045.00	478,200.00
Invoice	05/15/2018	17-154	Canby Police	Discount @ 48%		-192,501.60	285,698.40
Invoice	05/15/2018	17-154	Canby Police	C800 Stipend		-152,755.00	132,943.40
Invoice	05/15/2018	17-154	Canby Police	Rounding		-0.05	132,943.35
Invoice	05/25/2018	17-153	Sandy Fire	Total List Price (New Radios)		436,852.00	569,795.35
Invoice	05/25/2018	17-153	Sandy Fire	Discount @ 48%		-209,688.96	360,106.39
Invoice	05/25/2018	17-153	Sandy Fire	C800 Stipend		-146,120.00	213,986.39
Invoice	05/30/2018	17-155	West Linn - Public Works	Total List Price (New Radios)		177,853.50	391,839.89
Invoice	05/30/2018	17-155	West Linn - Public Works	Discount @ 48%		-85,369.68	306,470.21
Invoice	05/30/2018	17-155	West Linn - Public Works	C800 Stipend		-68,194.22	238,275.99
Invoice	05/30/2018	17-156	Oregon City Police	Total List Price (New Radios)		738,304.00	976,579.99
Invoice	05/30/2018	17-156	Oregon City Police	Discount @ 48%		-354,385.92	622,194.07
Invoice	05/30/2018	17-156	Oregon City Police	C800 Stipend		-250,954.72	371,239.35
Invoice	05/30/2018	17-157	Sandy Police	Total List Price (New Radios)		314,298.50	685,537.85
Invoice	05/30/2018	17-157	Sandy Police	Discount @ 48%		-150,863.28	534,674.57
Invoice	05/30/2018	17-157	Sandy Police	C800 Stipend		-120,020.82	414,653.75
Invoice	05/30/2018	17-158	Molalla RFPD	Total List Price		89,406.00	504,059.75
Invoice	05/30/2018	17-158	Molalla RFPD	Discount @ 48%		-42,914.88	461,144.87
Invoice	05/30/2018	17-158	Molalla RFPD	C800 Stipend		-32,733.22	428,411.65
Invoice	05/30/2018	17-159	Lake Oswego	Total List Price (New Radios) ...		496,172.10	924,583.75
Invoice	05/30/2018	17-159	Lake Oswego	Discount @ 48%		-238,682.61	685,901.14
Invoice	05/30/2018	17-159	Lake Oswego	C800 Stipend		-256,410.26	429,490.88
Invoice	05/30/2018	17-159	Lake Oswego	Total List Price (New Radios) ...		640,710.00	1,070,200.88
Invoice	05/30/2018	17-159	Lake Oswego	Discount @ 48%		-307,540.80	762,660.08
Invoice	05/30/2018	17-159	Lake Oswego	C800 Stipend		-185,488.27	577,171.81
Invoice	05/30/2018	17-159	Lake Oswego	Total List Price (New Radios) ...		375,556.50	952,728.31
Invoice	05/30/2018	17-159	Lake Oswego	Discount @ 48%		-180,267.12	772,461.19
Invoice	05/30/2018	17-159	Lake Oswego	C800 Stipend		-147,299.51	625,161.68
Invoice	05/30/2018	17-160	American Medical Response	Total List Price (New Radios) ...		152,269.50	777,431.18
Invoice	05/30/2018	17-160	American Medical Response	Discount @ 48%		-73,089.36	704,341.82
Invoice	05/30/2018	17-161	Clackamas County Sheriff	Total List Price (New Radios) ...		3,463,156.00	4,167,497.82
Invoice	05/30/2018	17-161	Clackamas County Sheriff	Discount @ 48%		-1,662,314.88	2,505,182.94
Invoice	05/30/2018	17-161	Clackamas County Sheriff	C800 Stipend		-1,683,033.28	822,149.66
Invoice	05/30/2018	17-162	Canby FD	Total List Price (New Radios)		113,932.00	936,081.66
Invoice	05/30/2018	17-162	Canby FD	Discount @ 48%		-54,687.36	881,394.30
Invoice	05/30/2018	17-162	Canby FD	C800 Stipend		-24,549.72	856,844.58
Total 430-00 · Subscriber Radio Payments						856,844.58	856,844.58
431-00 · Interest Income							
Deposit	05/31/2018			Interest		3.78	3.78
Total 431-00 · Interest Income						3.78	3.78
435-00 · Lease Revenue							
Deposit	05/02/2018		FBI	Deposit		130.00	130.00
Deposit	05/02/2018		FBI	Deposit		130.00	260.00
Deposit	05/25/2018		FBI	Deposit		130.00	390.00
Deposit	05/25/2018		FBI	Deposit		130.00	520.00
Total 435-00 · Lease Revenue						520.00	520.00
450-00 · Intergovernmental-Clackamas Co							
Deposit	05/11/2018		Clackamas County - Bond Related	Request #14 February		28,096.46	28,096.46
Deposit	05/18/2018		Clackamas County - Bond Related	March-April requests		899,291.27	927,387.73
Total 450-00 · Intergovernmental-Clackamas Co						927,387.73	927,387.73
Total Income						1,784,756.09	1,784,756.09
Gross Profit						1,784,756.09	1,784,756.09
Expense							
650-00 · Utilities							
Check	05/01/2018	EFT	PGE			215.67	215.67
Check	05/01/2018	EFT	PGE			367.72	583.39
Check	05/04/2018	EFT	PGE			440.82	1,024.21
Check	05/08/2018	EFT	PGE			415.28	1,439.49
Check	05/15/2018	EFT	PGE			157.89	1,597.38
Check	05/15/2018	EFT	PGE			358.86	1,956.24
Check	05/17/2018	EFT	PGE			308.61	2,264.85
Check	05/17/2018	EFT	PGE			440.48	2,705.33
Check	05/17/2018	EFT	PGE			496.16	3,201.49
Check	05/21/2018	EFT	PGE			467.61	3,669.10
Total 650-00 · Utilities						3,669.10	3,669.10

Clackamas 800 Radio Group
Profit & Loss Detail

May 2018

Type	Date	Num	Name	Memo	Class	Amount	Balance
655-00 · Consultant Services							
Bill	05/03/2018	C800-2...	Consistent Image Web Design			100.00	100.00
Bill	05/31/2018		Hartssock Project Mgmt.			2,442.89	2,542.89
Total 655-00 · Consultant Services						2,542.89	2,542.89
665-00 · Radio Maintenance Fees							
Bill	05/01/2018	MKK72...	CDW Government		40 All	1,449.00	1,449.00
Bill	05/09/2018	MQT2...	CDW Government		40 All	1,827.00	3,276.00
Total 665-00 · Radio Maintenance Fees						3,276.00	3,276.00
670-00 · Legal Services							
Bill	05/01/2018	12166	Eakins, Eileen			1,848.00	1,848.00
Total 670-00 · Legal Services						1,848.00	1,848.00
675-00 · Financial Services							
Bill	05/03/2018	156270	Talbot, Korvola & Warwick, LLP			568.19	568.19
Check	05/31/2018		Clackamas County Bank	Service Charge		20.00	588.19
Total 675-00 · Financial Services						588.19	588.19
703-00 · Capital Outlay							
703-01 · Buildings & Land Improvement							
703-011 · Land Improvement							
Bill	05/01/2018	7707	Securasite LLC		01 Carver	30.52	30.52
Bill	05/01/2018	7705	Securasite LLC		01 Carver	968.75	999.27
Bill	05/01/2018	7688	Securasite LLC		11 Brightwood	56.68	1,055.95
Bill	05/01/2018	7689	Securasite LLC		11 Brightwood	781.25	1,837.20
Bill	05/01/2018	7714	Securasite LLC		16 Canby	41.60	1,878.80
Bill	05/01/2018	7703	Securasite LLC		16 Canby	100.00	1,978.80
Bill	05/01/2018	7709	Securasite LLC		30 Admin	1,840.00	3,818.80
Bill	05/01/2018	7713	Securasite LLC		30 Admin	547.46	4,366.26
Bill	05/01/2018	7697	Securasite LLC		02 Skyland	75.00	4,441.26
Bill	05/01/2018	7704	Securasite LLC		12 Crutcher Ben...	325.00	4,766.26
Bill	05/01/2018	7698	Securasite LLC		03 Damascus	162.36	4,928.62
Bill	05/01/2018	7715	Securasite LLC		03 Damascus	343.75	5,272.37
Bill	05/01/2018	7716	Securasite LLC		03 Damascus	275.00	5,547.37
Bill	05/01/2018	7692	Securasite LLC		17 Estacada_D...	218.75	5,766.12
Bill	05/01/2018	7695	Securasite LLC		23 Goat Mountain	250.00	6,016.12
Bill	05/01/2018	7706	Securasite LLC		25 Lake Osweg...	337.50	6,353.62
Bill	05/01/2018	7690	Securasite LLC		14 Lenhart	187.50	6,541.12
Bill	05/01/2018	7696	Securasite LLC		07 Pete's	893.21	7,434.33
Bill	05/01/2018	7710	Securasite LLC		30 Admin	4,337.50	11,771.83
Bill	05/01/2018	7708	Securasite LLC		30 Admin	291.03	12,062.86
Bill	05/01/2018	7693	Securasite LLC		19 Redland Road	483.66	12,546.52
Bill	05/01/2018	7694	Securasite LLC		19 Redland Road	1,156.25	13,702.77
Bill	05/01/2018	7702	Securasite LLC		09 Sandy	400.00	14,102.77
Bill	05/01/2018	7701	Securasite LLC		09 Sandy	44.20	14,146.97
Bill	05/01/2018	7691	Securasite LLC		15 Timberline	218.75	14,365.72
Bill	05/01/2018	7687	Securasite LLC		10 View Acres	678.92	15,044.64
Bill	05/01/2018	7699	Securasite LLC		04 Wilsonville T...	28.81	15,073.45
Bill	05/01/2018	7700	Securasite LLC		04 Wilsonville T...	756.25	15,829.70
Bill	05/03/2018	1233	Capital Design Services, LLC		02 Skyland	1,500.00	17,329.70
Bill	05/03/2018	1234	Capital Design Services, LLC		11 Brightwood	2,250.00	19,579.70
Bill	05/03/2018	1234	Capital Design Services, LLC		05 Mount Scott	2,250.00	21,829.70
Bill	05/03/2018	1234	Capital Design Services, LLC		07 Pete's	1,350.00	23,179.70
Bill	05/03/2018	1234	Capital Design Services, LLC		08 Polivka	1,350.00	24,529.70
Bill	05/03/2018	1234	Capital Design Services, LLC		10 View Acres	1,350.00	25,879.70
Bill	05/03/2018	18146	Summit Solutions Group		16 Canby	21,221.45	47,101.15
Bill	05/03/2018	18146	Summit Solutions Group		09 Sandy	35,104.50	82,205.65
Bill	05/09/2018	18110-1	McKay Consulting		02 Skyland	3,130.00	85,335.65
Bill	05/11/2018	205749	KPFF Inc.		12 Crutcher Ben...	1,625.00	86,960.65
General Journal	05/17/2018	55	City of Oregon City	To void check #2530 in prior ...	06 Mtn View	-1,176.10	85,784.55
Bill	05/21/2018	7742	Securasite LLC		07 Pete's	706.87	86,491.42
Bill	05/21/2018	11-19	Securasite LLC		19 Redland Road	706.87	87,198.29
Bill	05/21/2018	7743	Securasite LLC		10 View Acres	497.81	87,696.10
Bill	05/31/2018	7768	Securasite LLC		02 Skyland	56.25	87,752.35
Total 703-011 · Land Improvement						87,752.35	87,752.35
703-012 · Building							
Bill	05/25/2018	17009...	Todd Hess Building Company		05 Mount Scott	408.61	408.61
Bill	05/25/2018	17009...	Todd Hess Building Company		06 Mtn View	408.61	817.22
Bill	05/25/2018	17009...	Todd Hess Building Company		07 Pete's	408.61	1,225.83
Bill	05/25/2018	17009...	Todd Hess Building Company		08 Polivka	408.60	1,634.43
Bill	05/25/2018	17009...	Todd Hess Building Company		10 View Acres	408.60	2,043.03
Bill	05/25/2018	17009...	Todd Hess Building Company		19 Redland Road	408.60	2,451.63
Bill	05/31/2018	1800104	Todd Hess Building Company		05 Mount Scott	38,776.25	41,227.88
Bill	05/31/2018	1800104	Todd Hess Building Company		06 Mtn View	38,776.25	80,004.13
Bill	05/31/2018	1800104	Todd Hess Building Company		07 Pete's	38,776.25	118,780.38
Bill	05/31/2018	1800104	Todd Hess Building Company		08 Polivka	38,776.24	157,556.62
Bill	05/31/2018	1800104	Todd Hess Building Company		10 View Acres	38,776.24	196,332.86
Bill	05/31/2018	1800104	Todd Hess Building Company		19 Redland Road	38,776.24	235,109.10
Total 703-012 · Building						235,109.10	235,109.10
703-013 · Tower							
Bill	05/07/2018	4821	NorthWest Tower Engineering PLLC		19 Redland Road	1,500.00	1,500.00
Bill	05/07/2018	4822	NorthWest Tower Engineering PLLC		19 Redland Road	17,250.00	18,750.00
Bill	05/07/2018	4823	NorthWest Tower Engineering PLLC		19 Redland Road	1,250.00	20,000.00
Bill	05/15/2018	CD260...	Valmont Industries		11 Brightwood	1,750.00	21,750.00
Total 703-013 · Tower						21,750.00	21,750.00

**Clackamas 800 Radio Group
Profit & Loss Detail**

May 2018

Type	Date	Num	Name	Memo	Class	Amount	Balance
703-014 · Generator							
Bill	05/01/2018	1580-2d	Power Systems Plus Inc.		09 Sandy	5,204.00	5,204.00
Bill	05/21/2018	1580-1a	Power Systems Plus Inc.		16 Canby	5,304.00	10,508.00
Bill	05/22/2018	1523-3a	Power Systems Plus Inc.		40 All	720.00	11,228.00
Total 703-014 · Generator						11,228.00	11,228.00
Total 703-01 · Buildings & Land Improvement						355,839.45	355,839.45
703-02 · Radio Backbone							
703-021 · Simulcast / Master Site							
Bill	05/15/2018	38543	APCO International Inc.		40 All	1,470.00	1,470.00
Total 703-021 · Simulcast / Master Site						1,470.00	1,470.00
Total 703-02 · Radio Backbone						1,470.00	1,470.00
703-03 · Equipment							
Bill	05/31/2018	461815	Day Wireless Systems Inc.			3,403.75	3,403.75
Bill	05/31/2018	462948	Day Wireless Systems Inc.			990.00	4,393.75
Total 703-03 · Equipment						4,393.75	4,393.75
Total 703-00 · Capital Outlay						361,703.20	361,703.20
Total Expense						373,627.38	373,627.38
Net Ordinary Income						1,411,128.71	1,411,128.71
Net Income						1,411,128.71	1,411,128.71

Clackamas 800 Radio Group

Trial Balance

As of May 31, 2018

06/26/18

Accrual Basis

	May 31, 18	
	Debit	Credit
115-00 · Cash/Checking Account	794,628.29	
11000 · Accounts Receivable	970,649.58	
120-00 · Member Fees Receivable	0.00	
12000 · Undeposited Funds	0.00	
150-00 · Prepaid Expenses	0.00	
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	
169-00 · CIP	1,735,311.52	
175-00 · Accumulated Depreciation		9,659,400.62
201-00 · Accounts Payable		342,306.94
201-02 · Other Accounts Payable	0.00	
202-00 · Partner Prepayment		2,578.00
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		6,258,437.85
320-00 · Retained Earnings, Prior		179,219.58
405-00 · Members Contracts		65,831.20
410-00 · Partners Fees		946,343.00
420-00 · Partners Debt Service Zone Cont		93,689.00
430-00 · Subscriber Radio Payments		2,385,101.80
431-00 · Interest Income		113.65
435-00 · Lease Revenue		13,235.00
450-00 · Intergovernmental-Clackamas Co		14,403,199.02
605-00 · Site Rental	136,109.76	
615-00 · HVAC Maintenance	6,442.17	
620-00 · Landscape Maintenance	4,710.00	
621-00 · Office Supplies	139.99	
625-00 · Generator Maintenance	10,940.54	
630-00 · UPS Maintenance	1,530.00	
645-00 · Insurance	24,238.40	
650-00 · Utilities	47,369.99	
655-00 · Consultant Services	31,632.16	
660-00 · WCCCA System Fees	695,404.00	
665-00 · Radio Maintenance Fees	62,467.30	
667-00 · Radio Replacement Project	0.00	
670-00 · Legal Services	10,833.82	
675-00 · Financial Services	6,387.50	
680-00 · Audit Fees	5,850.00	
685-00 · Miscellaneous Expenses	2,654.61	
686-00 · Meeting Expenses	388.29	
703-00 · Capital Outlay	2,496.60	
703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-011 · Land Improvement	1,349,386.79	
703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-012 · Building	466,976.53	
703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-013 · Tower	269,546.70	
703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-014 · Generator	220,344.21	
703-00 · Capital Outlay:703-02 · Radio Backbone:703-021 · Simulcast / Master Site	3,299,259.17	
703-00 · Capital Outlay:703-02 · Radio Backbone:703-022 · Subscriber Radios	3,948,005.92	
703-00 · Capital Outlay:703-03 · Equipment	11,321.35	
703-00 · Capital Outlay:703-03 · Equipment:703-033 · .	40,080.00	
703-00 · Capital Outlay:703-03 · Equipment:703-034 · Microwave	106,076.86	
703-00 · Capital Outlay:703-06 · Warranty/Upgrade:703-026 · Prepaid LT Warranty/Upgrade	5,812,058.44	
795-00 · Debt Service	93,688.22	
TOTAL	34,349,455.66	34,349,455.66

Clackamas 800 Radio Group

Balance Sheet

As of May 31, 2018

06/26/18

Accrual Basis

	May 31, 18
ASSETS	
Current Assets	
Checking/Savings	
115-00 · Cash/Checking Account	794,628.29
Total Checking/Savings	794,628.29
Accounts Receivable	
11000 · Accounts Receivable	970,649.58
Total Accounts Receivable	970,649.58
Total Current Assets	1,765,277.87
Fixed Assets	
160-00 · Buildings and Towers	10,956,645.15
165-00 · Radio Backbone	2,520,898.80
166-00 · Equipment	704,983.00
169-00 · CIP	1,735,311.52
175-00 · Accumulated Depreciation	-9,659,400.62
Total Fixed Assets	6,258,437.85
TOTAL ASSETS	8,023,715.72
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
201-00 · Accounts Payable	342,306.94
Total Accounts Payable	342,306.94
Other Current Liabilities	
202-00 · Partner Prepayment	2,578.00
Total Other Current Liabilities	2,578.00
Total Current Liabilities	344,884.94
Total Liabilities	344,884.94
Equity	
310-00 · Investment in Fixed Assets	6,258,437.85
320-00 · Retained Earnings, Prior	179,219.58
Net Income	1,241,173.35
Total Equity	7,678,830.78
TOTAL LIABILITIES & EQUITY	8,023,715.72

Clackamas 800 Radio Group A/R Aging Detail As of May 31, 2018

Type	Date	Num	Name	Due Date	Aging	Open Balance
Current						
Total Current						
1 - 30						
Invoice	05/01/2018	17-151	City of Gladstone - Police	05/01/2018	30	70,147.00
Invoice	05/15/2018	17-154	Canby Police	05/15/2018	16	55,788.35
Invoice	05/25/2018	17-153	Sandy Fire	05/25/2018	6	81,043.04
Invoice	05/30/2018	17-155	West Linn - Public Works	05/30/2018	1	24,289.60
Invoice	05/30/2018	17-156	Oregon City Police	05/30/2018	1	132,963.36
Invoice	05/30/2018	17-157	Sandy Police	05/30/2018	1	43,414.40
Invoice	05/30/2018	17-158	Molalla RFPD	05/30/2018	1	13,757.90
Invoice	05/30/2018	17-159	Lake Oswego	05/30/2018	1	196,750.03
Invoice	05/30/2018	17-160	American Medical Response	05/30/2018	1	79,180.14
Invoice	05/30/2018	17-161	Clackamas County Sheriff	05/30/2018	1	117,807.84
Invoice	05/30/2018	17-162	Canby FD	05/30/2018	1	34,694.92
Total 1 - 30						849,836.58
31 - 60						
Total 31 - 60						
61 - 90						
Total 61 - 90						
> 90						
Invoice	12/27/2016	16-211	West Linn - Police	12/27/2016	520	32,625.00
Invoice	07/24/2017	17-111	Hoodland Fire District	07/24/2017	311	18,076.00
Invoice	07/24/2017	17-122	West Linn - Police	07/24/2017	311	38,357.00
Invoice	07/24/2017	17-123	West Linn - Public Works	07/24/2017	311	18,705.00
Invoice	07/24/2017	17-129	Clackamas County - Transportation Eng	07/24/2017	311	8,265.00
Invoice	07/24/2017	17-133	Happy Valley	07/24/2017	311	4,785.00
Total > 90						120,813.00
TOTAL						970,649.58

Note: TKW inquired. The above AR relates to additional sales of Motorola radios. This is recorded in acct 430-00 Subscriber Radio Payments.

PROJECT STATUS

Emergency Communication System Upgrade (ECSU)

C800 Project Leader: John Hartsock

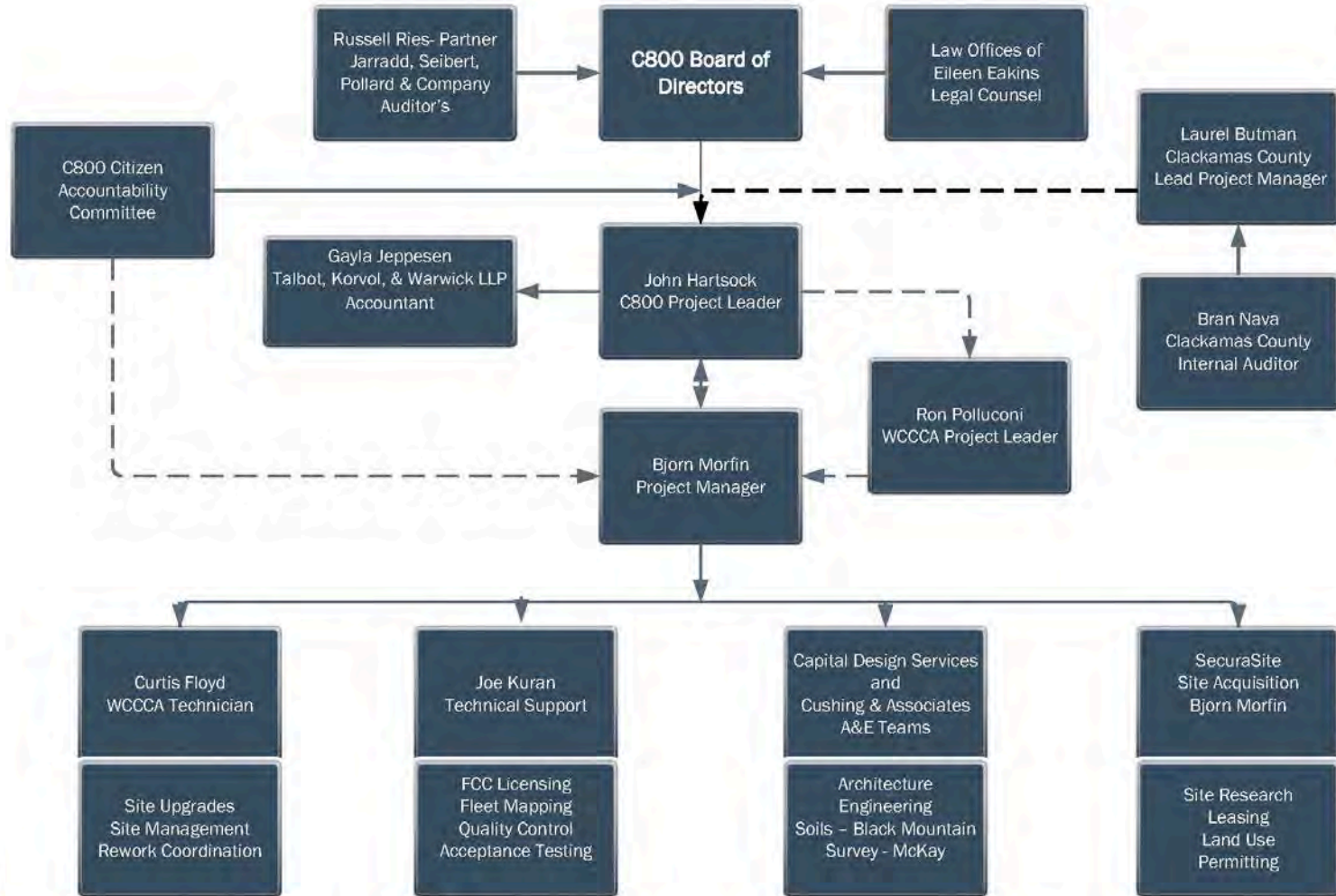
WCCCA Project Leader: Ron Polluconi

C800 Project Manager: Bjorn Morfin

Date: June 1, 2018



C800 ECSU Project Team



Project Status Summary

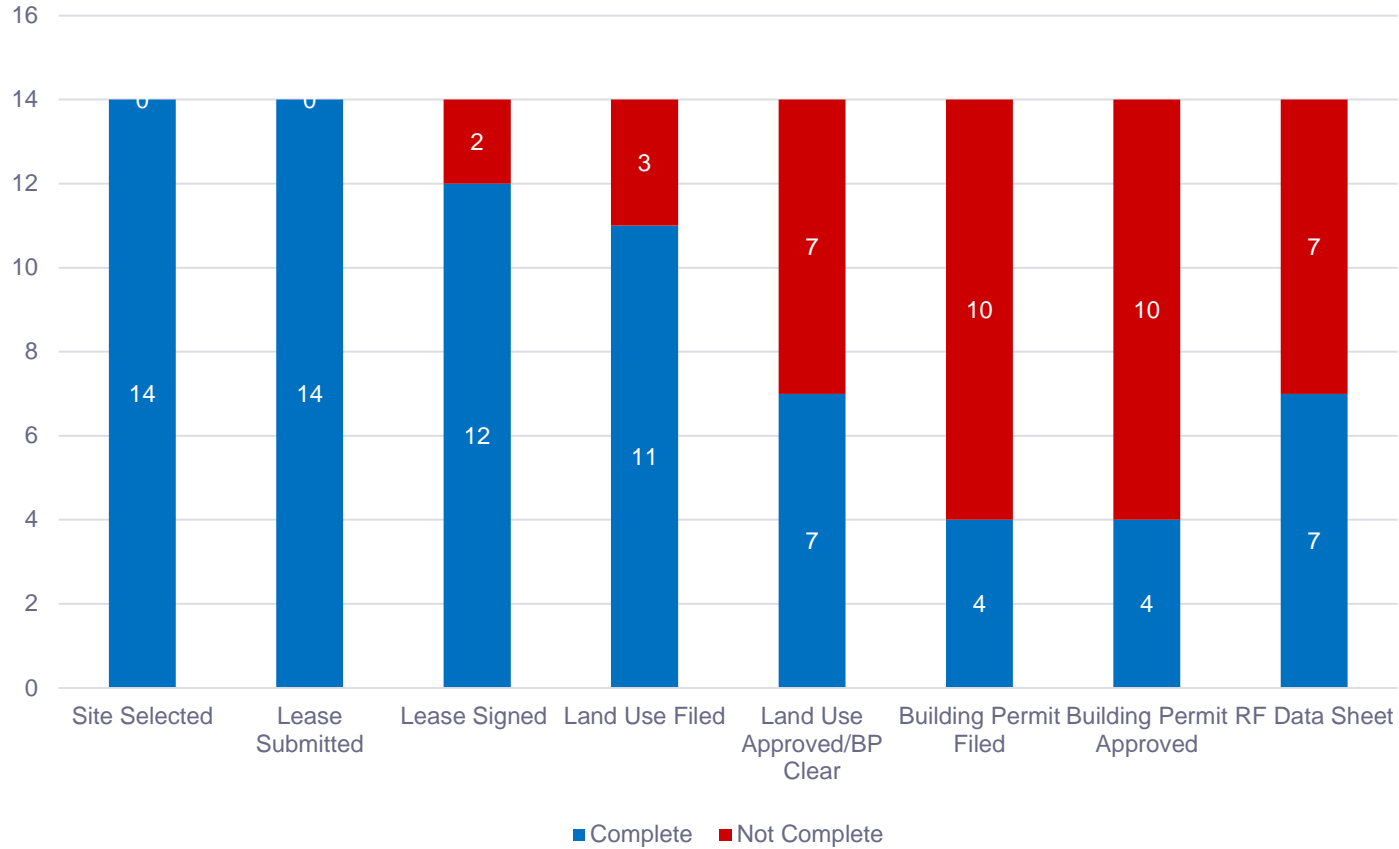
	C800
<ul style="list-style-type: none"> New Site Acquisition / Design / Construction: 	<ul style="list-style-type: none"> Barton (Carver): Land use submittal by 15 bid project early July. Cooks Butte / Kerr Parkway Water Tank: Awaiting approved lease from City for Kerr. Design complete for Cooks and Kerr anticipate land use submittal in late June after receipt of Kerr lease. Damascus: Construction underway – tower to be erected and building set by the end of June – delayed due to HOA issue. Wilsonville: Awaiting approval of an access easement. Sandy: Construction 90% complete. Canby: Construction is 85% complete building to be set on June 15th

Project Status Summary

	C800
<ul style="list-style-type: none"> New Site Acquisition / Design / Construction: 	<ul style="list-style-type: none"> Crutcher Bench (BLM): Drawings being finalized and will be submitted for permit by the end of June - bidding in July Highland Butte (BLM): Drawings being finalized and will be submitted for permit by the end of June - bidding in July Tom Dick & Harry (USFS): NEPA work underway - awaiting USFS review. Memaloose (USFS): NEPA work underway - awaiting USFS review. Oak Grove Butte (USFS): NEPA work underway - awaiting USFS review. . Whale Head (USFS): NEPA work underway - awaiting USFS review.
<ul style="list-style-type: none"> Existing Site Design / Construction 	<ul style="list-style-type: none"> Existing Sites– 6 sites under construction Polivka and Mt Scott complete the rest are scheduled for completion by August. Balance of existing sites under design.

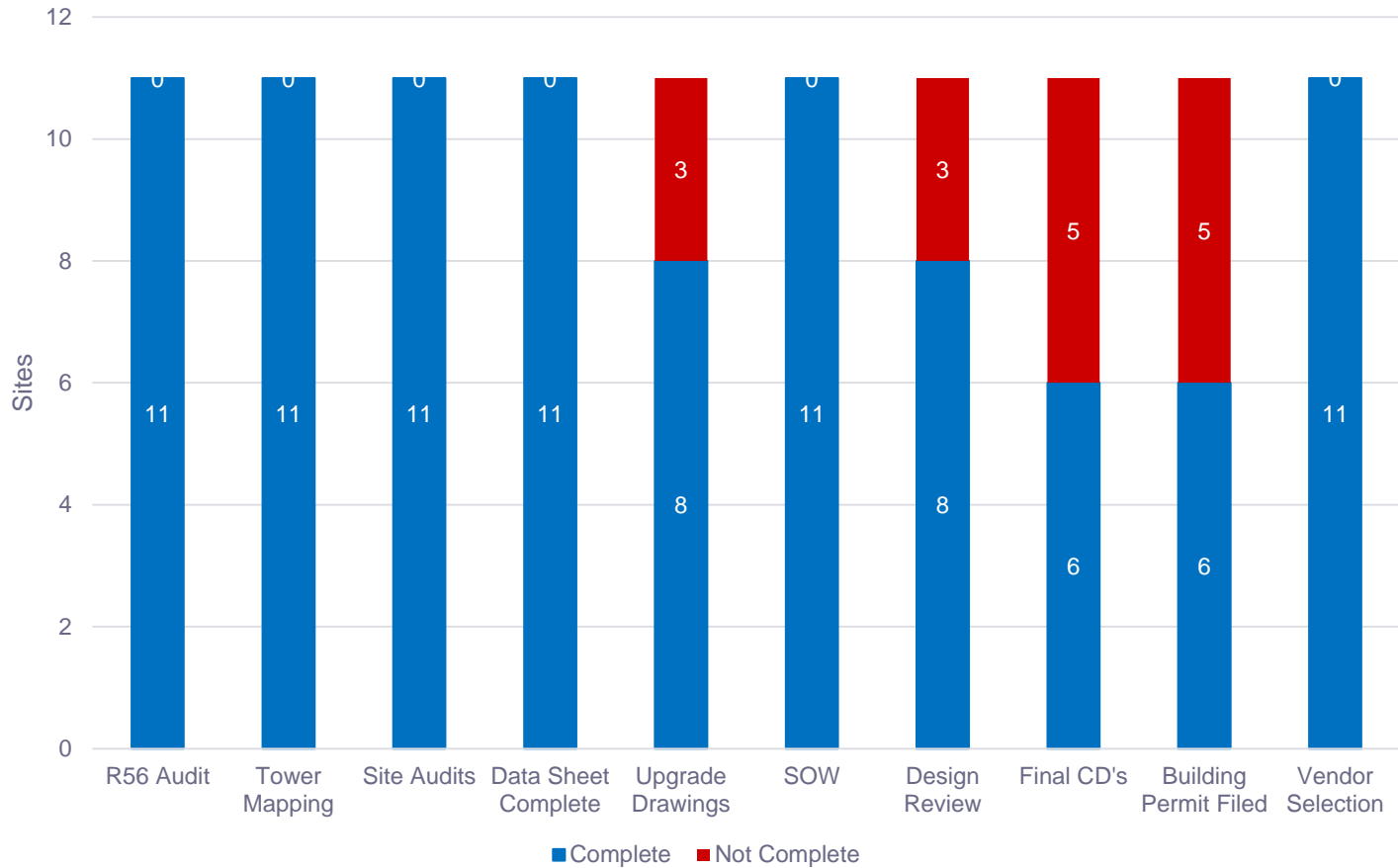
Site Acquisition Status – C800

C800 Status - 14 Sites

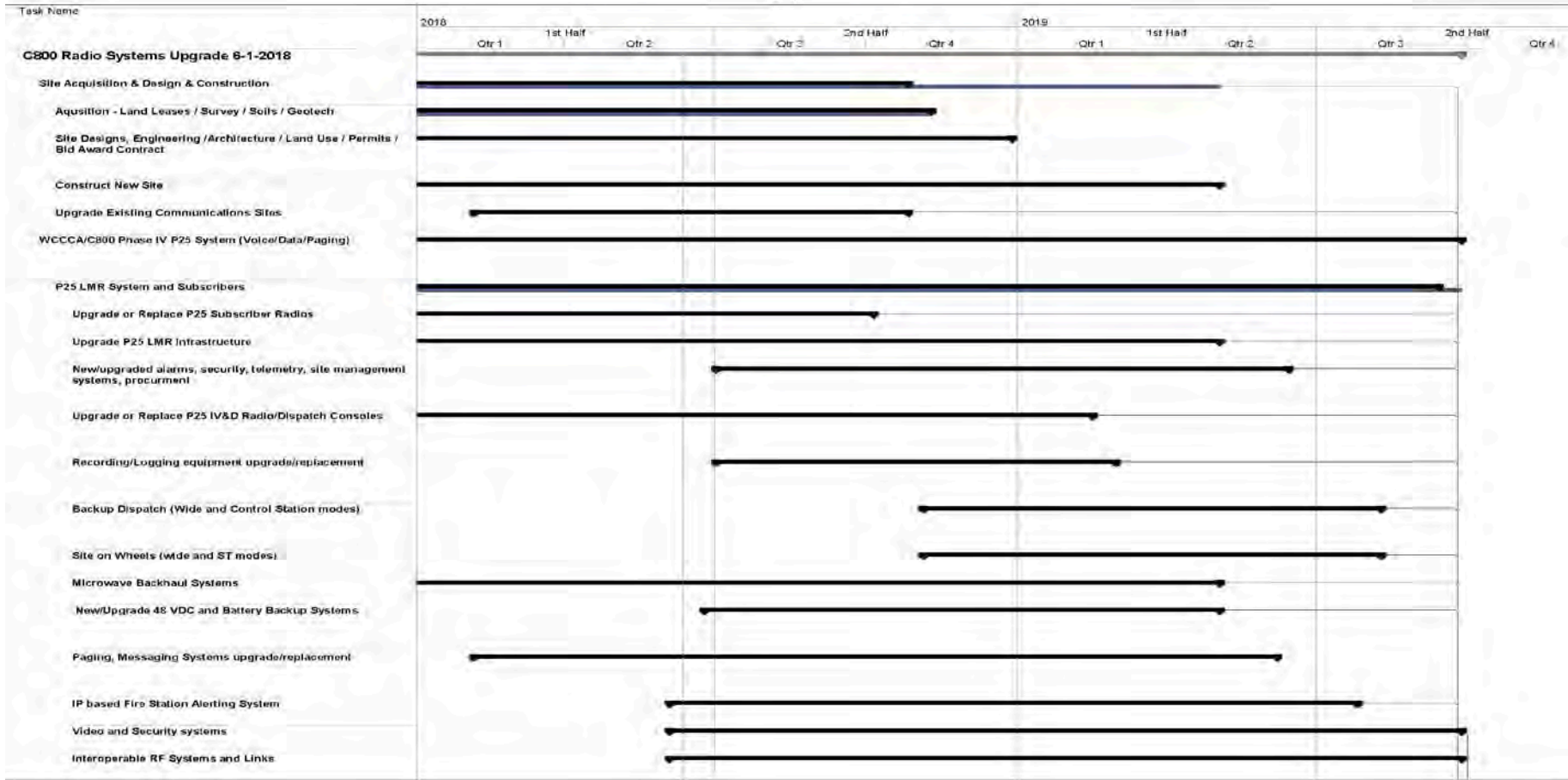


Site Upgrade Status – C800

C800 Upgrade Status - 11 Sites



Project Schedule



- New Site Design & Construction complete: May 2019
- Existing Sites Upgrade complete: October 2018
- System Operational Date: October 2019



C800 Radio System Upgrade Budget ⁽¹⁾

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 - Securasisite	320,000	268,500	50,000	0	72.65%	318,500	1,500	231,390.13
Site Planning A&E - Cushing/Capital	725,000	317,178	312,822	50,000	88.20%	680,000	45,000	599,778.45
Geotechnical+13:45 / Environmental Consulting - Black Mtn	250,000	89,100	128,356	50,000	89.66%	267,456	(17,456)	239,791.05
Survey - McKay	75,000	50,160		20,000	65.46%	70,160	4,840	45,930.00
USFS Land Use Fees	15,000	10,000	25,000	10,000	74.09%	45,000	(30,000)	33,338.70
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	17.07%	55,800	4,200	9,525.20
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	41.03%	307,000	(7,000)	125,969.54
Legal Fees	30,000	12,000	10,000	10,000	39.96%	32,000	(2,000)	12,787.60
Licensing	20,000	62,000		20,000	74.79%	82,000	(62,000)	61,326.50
Miscellaneous	30,000	6,800	75,000	4,000	10.68%	85,800	(55,800)	9,160.88
Sub-Total Soft Cost	1,956,000	941,177	845,678	299,900	69.37%	2,086,755	(130,755)	1,447,637
Construction Cost								
Site Construction	8,895,000	1,681,161		7,213,839	13.16%	8,895,000	0	1,170,914.61
Buildings	1,350,000	2,710,369		(1,360,369)	27.46%	1,350,000	0	370,756.60
Towers	660,000	511,282		148,718	35.45%	660,000	0	233,969.70
Generator	500,000	428,750		75,000	49.61%	503,750	(3,750)	249,916.21
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	5,355,462	Page 227,235,788	16.78%	12,591,250	(3,250)	2,113,284.87	

C800 Radio System Upgrade Budget (2)

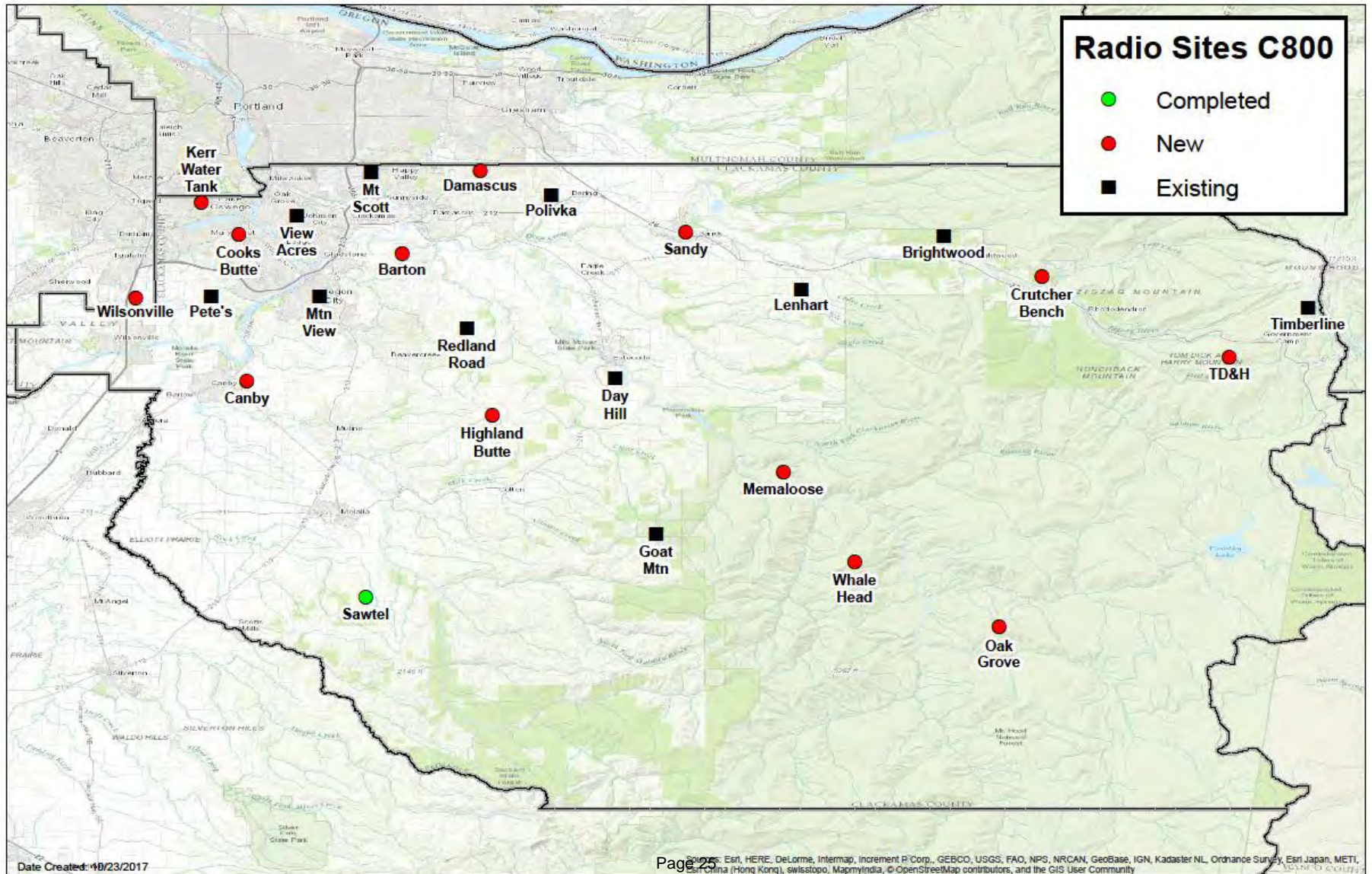
Item	Budget	Original Encumbrance	Additional Encumbrance / Change Order	Estimate to Complete	Percent Complete	Estimated Total	(Over) Under Budget	Expended
Equipment Costs								
Simulcast Equipment	20,726,000	\$19,571,566.00		1,000,000	15.76%	20,571,566	154,434	3,241,197.67
Master Site Equipment	in Simulcast			0		0		0.00
Console	in Simulcast			0		0		0.00
Back up Dispatch	in Simulcast			0		0		0.00
Spares	1,200,000			1,200,000	0.00%	1,200,000	0	0.00
Paging	373,000			373,000	0.00%	373,000	0	0.00
Subscriber Radios	5,000,000	2,151,904	8,542,935	(5,694,840)	107.76%	4,999,999	1	5,388,193.54
Unified Push to Talk	in Simulcast			188,000	0.00%	188,000		0.00
Asset Management	119,000			119,000	0.00%	119,000	0	0.00
Post Warranty / System Refresh	5,800,000	5,812,085		0	100.00%	5,812,085	(12,085)	5,812,058.44
Test Equipment	100,000			100,000	0.00%	100,000	0	0.00
Microwave	3,368,000	406,169		2,961,831	17.62%	3,368,000	0	593,477.01
Security System	1,364,000			1,364,000	0.08%	1,364,000	0	1,079.96
Subtotal Equipment Costs	38,050,000	27,941,724	8,542,935	1,610,991	39.47%	38,095,650	142,350	15,036,007
Bond Cost	300,000	290,372		0	111.43%	290,372	9,628	323,547
Subtotal Project Cost	52,894,000	34,528,735	9,388,613	9,146,679	35.66%	53,064,027	17,973	18,920,476
Contingency	6,106,612			6,106,612	0.00%	6,106,612	0	
Total Project Cost	59,000,612	34,528,735	9,388,613	15,253,291	31.98%	59,170,640	17,973	18,920,476.01
Premium	7,165,794							

Q3'18 Quarterly Outlook

	C800
<ul style="list-style-type: none"> Procurement 	<ul style="list-style-type: none"> Bid and award Barton / Highland Butte / Crutcher / Cooks Butte / Kerr Rd projects Bid and award DC power systems
<ul style="list-style-type: none"> Leases & Land Use Applications 	<ul style="list-style-type: none"> Submit Cooks Butte and Kerr Rd Water Tank location for land use Submit Barton for land use and 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. Bid antenna/tower upgrades
<ul style="list-style-type: none"> Radio / Microwave 	<ul style="list-style-type: none"> Approve radio / microwave design Order radio backbone and stage system Order microwave equipment and stage system Finalize subscriber template design and distribute radios

Appendix C

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?





Damascus Site



Canby Site

Page 28





Sandy Site Page 20





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: July 11, 2018
Re: Approve a Change Order to Saber Industries for the Pete's Mtn Tower Purchase

REQUEST: It is hereby requested that the C800 Board of Directors approve issuing a change order in the amount of \$52,445 to Saber Industries for the purchase of the replacement tower at the Pete's Mtn communications site.

DESCRIPTION: It has been determined that the existing tower at the Pete's Mtn site needs to be replaced due to additional structural loading of new antennas to facilitate the new system operation. Staff obtained competitive quotes from Valmont the original tower manufacture and Saber the vendor awarded the contract to furnish both WCCCA and C800 towers for the new sites via a competitive procurement. Valmont's quote was \$68,960. Saber's quote was \$52,445

FINANCE: The funds are budgeted in capital outlay as part of the Bond funding.

LEGAL: A C800 construction change order will be utilized as approved by legal counsel.

RECOMMENDATION: It is hereby recommended that the C800 Board of Directors approve issuing a change order in the amount of \$52,445 to Saber Industries for the purchase of the replacement tower at the Pete's Mtn communications site.