

METROPOLITAN AREA REGIONAL RADIO SYSTEM

User Agency Master Site Port Agreement

This Agreement, dated _____ is between the City of Kansas City (“Host Agency”) and City of Lee’s Summit, Missouri (“User Agency”).

RECITALS

A. The Host Agency has entered into a User Agency Master Site Port Agreement , in connection with the operation of the metropolitan regional radio system (MARRS) for public safety and other services.

B. Under the MARRS Agreement, the Host Agency is authorized to enter into this cooperative agreement to allow the User Agency to participate in the MARRS to further local government communications interoperability.

C. The User Agency currently operates a separate radio communications system for public safety and other services in the City of Lee's Summit, County of Jackson, State of Missouri.

D. The User Agency desires to join MARRS as a Prime site and/or PSAP as set forth in this Agreement.

E. The parties to this Agreement have determined that their cooperative effort will be a benefit to the public’s health, safety, and welfare.

F. The MARRS Agreement provides that the User Agency, upon joining the MARRS, shall reimburse the Host Agency for the actual and anticipated costs for the utilization of the existing Host Agency system master site,

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. **Defined Terms.** Capitalized terms in this Agreement shall have the same meaning ascribed to them in the MARRS Agreement, a copy of which has been provided to the User Agency.

Additional definitions:

Prime Site shall mean the central controlling site of a trunked Simulcast system where all audio processing and channel resource management occurs.

Master Site shall mean OmniLink Master Site. A Master Site containing one or more sets of zone control equipment

PSAP shall mean Public Safety Answering Point

Coverage area shall mean the geographic area where the base station can communicate with mobile and portable radios.

2. **Authorization.** The User Agency is hereby authorized by the Host Agency to utilize the Host Agency's MARRS communications system as set forth in this Agreement.

3. **Conflict with MARRS Agreement.** The parties agree that it is their intent that the implementation and interpretation of this Agreement shall be guided by the terms and provisions of the MARRS Agreement. However, if a conflict exists between this Agreement and the MARRS Agreement, this Agreement shall control the rights and obligations of the parties to this Agreement.

4. **Equipment Requirements.** The User Agency agrees it shall acquire and maintain its own radio equipment, including, but not limited to, mobile/portable radios, base stations, and dispatch consoles. All such equipment used by the User Agency's emergency responders shall meet applicable public safety standards. The User Agency agrees to be responsible for furnishing and maintaining additional remote sites, antenna and channel capacity, and backhaul/T1 capacity necessary to provide the coverage and traffic capabilities to support its inclusion in the Host Agency's system. Such equipment shall meet or exceed the specifications for like equipment already in use by the Host Agency.

5. **Protection of System.** The User Agency agrees that it shall not degrade or negatively impact the radio operations of the Host Agency or any other authorized user of the MAARS. The User Agency also agrees to use only equipment that has been approved by the Technical Committee or the Host Agency.

6. **System Performance.** The User Agency agrees that its radio system has been designed to meet the anticipated peak use by the User Agency. The User Agency shall operate its radio system with a goal to provide a minimum of 95% coverage within the User Agency's coverage area utilizing a portable radio worn at the hip, on the street.

7. **Committee Participation.** The User Agency agrees it shall be a member of the Users Committee and shall appoint one representative to such committee. In addition, the User Agency shall, if requested by the Management Council, be a member of, and appoint a representative to, the Technical Committee and the Standard Operating Committee.

8. **Dispute Resolution.** If a breach of this Agreement occurs, other than a breach for non-payment, the parties agree that the matter shall be submitted to the Management Council in an attempt to resolve the matter as quickly as possible and in the best interest of the MARRS. If such a breach or dispute cannot be resolved with the Management Council's assistance, the matter shall be submitted to the MARC Board for its consideration and recommendation. MARC shall consider the matter and make its recommendation which the parties may then accept or reject as final. Any party dissatisfied with MARC'S decision may take further action as allowed or authorized by law.

9. **Contact Information.** The contact persons for the parties for purposes of this Agreement are the following:

For the Host Agency: Ed Brundage, Technical Systems Manager

For the User Agency: Travis Forbes, Chief of Police

10. **Maintenance of System.** The Host Agency shall manage the day-to-day operations of the Host Agency and User Equipment operating on its trunked radio system. The Host Agency and the User Agency each agree to maintain the infrastructure and user equipment according to manufacturer specifications as approved by the Management Council including, but not limited to, maintaining current versions of software on switches and user equipment, coordinating radio ID information and other data needed for interoperability and maintaining connectivity between switches. The Host Agency and the User Agency each agree to operate by interoperability standards agreed upon by the Management Council.

12. **FCC Licenses.** The Host Agency agrees to maintain any necessary FCC licenses for its system. The parties agree that the User Agency shall maintain any licenses held by the User Agency for any frequencies that may become part of the Host Agency system.

13. **Compensation.** The User Agency agrees to pay the Host Agency the amounts set forth on the attached Exhibit A.

14 **Payment Terms.** The User Agency agrees to the payment terms outlined in Exhibit A.

15. **Force Majeure.** The parties agree that the Host Agency shall not be responsible for interruptions of service due to the forces of nature, war, manmade disasters, or other such acts beyond the control of the Host Agency.

16. **No Warranty, Waiver.** The parties agree that there is no warranty, express or implied with respect to the MARRS or any radio system operated by any of the parties and each party acknowledges that service disruptions will occur from time to time and each party agrees to hold the other harmless from any claim for damages arising out of such disruption.

17. **Term.** This initial term of this Agreement shall extend until December 31, 2021 and shall thereafter renew automatically for successive five (5) year periods.

18. **Termination.** The Host Agency agrees it shall not unreasonably or arbitrarily terminate this Agreement. Except for a termination based upon non-payment, the Host Agency agrees that before it terminates this Agreement prior to the end of the original or any extended term, the Host Agency shall provide written notification of intent to terminate to the User Agency and the Management Council at least 180 days prior to termination to allow the User Agency sufficient opportunity to develop a transition plan for continued service. The User agency shall provide written notice to the Management Council 180 days prior to termination of this Agreement prior to the end of the original or any extended term.

19. **Notices.** All notices, statements or requests provided for hereunder shall be in writing and shall be deemed to have been given when delivered by hand or any other reliable method to other party, or when deposited with the U.S. Postal Service, as certified or registered mail, postage prepaid, addressed:

If to Host Agency: Ed Brundage, Technical Systems Manager
5301 Municipal Ave.
Kansas City, Missouri 64120

If to User Agency: Travis Forbes, Chief of Police
10 N.E. Tudor Road
Lee's Summit, Missouri 64086

or to such person or place as the Host Agency or User Agency, as the case may be, may designate, from time to time, by written notice sent as aforesaid.

20. **Confidentiality.** Information that identifies the configuration of components of or the operation of the Host Agency communications system and the MARRS and would allow unauthorized access to or unlawful disruption of the Host Agency trunked radio system or the MARRS shall be maintained as a closed record if allowed by applicable state laws

21. **Modification; Entire Agreement.** This Agreement may be amended by the written approval of the parties and the MARRS Management Council.

This Agreement constitutes the entire agreement of the parties and any previous oral or written agreements are superseded by this Agreement.

Host Agency

City of Kansas City Mo

By: Troy M. Schulte

Troy Schulte
City Manager

5-16-17
Date:

Approved as to form:

[Signature]
City Attorney

User Agency

City of Lee's Summit, Missouri

By: _____

Mayor

Date:

Approved as to form:

City Attorney

MARRS Combined Summary

Cost Per Subscriber

	# of Subscribers	2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Host Agencies						
Kansas City, MO.	8851	\$13.06	\$13.41	\$13.78	\$14.08	\$14.39
Johnson County, KS.	7017	\$16.90	\$17.22	\$17.58	\$17.85	\$18.13
Prime Site Agencies						
Independence, MO.	2307	\$17.88	\$19.45	\$19.86	\$20.28	\$20.73
Platte County, MO.	571	\$39.29	\$39.39	\$39.50	\$39.62	\$39.73
Cass County, MO.	1387	\$30.76	\$31.02	\$31.28	\$31.55	\$31.82
Wyandotte County, KS.	3055	\$24.47	\$25.79	\$25.11	\$25.42	\$26.77
Jackson County, MO.	506	\$12.70	\$12.84	\$12.97	\$13.08	\$13.23
MARRS Total	23694					

Master Site Cost Per Port

Host Agencies	# of Ports	2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Kansas City, MO.	31	\$12,188.77	\$12,554.44	\$12,931.07	\$13,319.00	\$13,718.57
Johnson County, KS.	11	\$32,377.18	\$33,348.50	\$34,348.95	\$35,379.42	\$36,440.80

Kansas City, Missouri Master Site Port Model (6-10 Year Forecast)

KC System	Master Site Ports	Shared Cost 2017 (Year 6)		Shared Cost 2018 (Year 7)		Shared Cost 2019 (Year 8)		Shared Cost 2020 (Year 9)		Shared Cost 2021 (Year 10)	
		Estimated Master Site Only Cost	Per Port Cost	Estimated Master Site Only Cost	Per Port Cost	Estimated Master Site Only Cost	Per Port Cost	Estimated Master Site Only Cost	Per Port Cost	Estimated Master Site Only Cost	Per Port Cost
KCMO	KCMO Simulcast	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Independence Simulcast	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Platte County Simulcast	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Cass County Simulcast	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Clay County Simulcast	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Jackson County Multisite	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	Excelsior Springs	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
	System Ports Used	7	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00			
	PSAPS										
	KCPD	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57				
KCFD	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
KCPD/KCFD Backup	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Water	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Aviation	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
VA Hospital	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
North Kansas City	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Gladstone	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Riverside	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
UMKC	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Independence	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Blue Springs	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Platte County & Backup	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Cass County	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Harrisonville	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Raymore	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Bellton	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Pleasant Hill	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Raytown	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Grandview	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Clay County/Liberty	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Jackson County	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
Excelsior Springs	1	3.23% \$12,188.77	3.23% \$12,554.44	3.23% \$12,931.07	3.23% \$13,319.00	3.23% \$13,718.57					
PSAP Ports Used	24	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00				
Total Ports Used	31										

Kansas City, Missouri Infrastructure Tasks and Costs

Equipment	Maintenance Plan	Responsibility	Maintenance Costs				
			2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Network Repeaters	City	Motorola Contract	\$632,913	\$655,189	\$678,535	\$693,662	\$709,221
Microwave Consoles	City & Alcatel	City & Alcatel	Incl \$50,000	Incl \$50,000	Incl \$50,000	Incl \$50,000	Incl \$50,000
Logging Recorders	City & Motorola	City & Motorola Contract	Incl \$105,000	Incl \$105,000	Incl \$105,000	Incl \$105,000	Incl \$105,000
MCM	City & NICE	City & Vendor	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000
Genesis	City	City & Vendor	\$4,100	\$4,100	\$4,100	\$4,100	\$4,100
Battery Plants	City	City Contract	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Generator	City	City Contract	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
HVAC	City	City Contract	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Tower	City	City Contract	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Civils	City	City & Contract as needed	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Shelter	City	City & Contract as needed	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Test Equipment	City	City Contract	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Spare Parts	City Contracts	City Contracts	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
		City Costs	\$953,013	\$975,289	\$998,635	\$1,013,762	\$1,029,321
Technical Manager (1)			\$129,790	\$133,683	\$137,694	\$141,825	\$146,079
Backbone Supv (1)			\$110,553	\$113,869	\$117,285	\$120,804	\$124,428
Backbone Technicians (3)			\$283,020	\$291,511	\$300,256	\$309,264	\$318,542
Vehicles			\$13,712	\$13,712	\$13,712	\$13,712	\$13,712
Misc Costs (shoes, tools, uniforms, etc...)			\$1,531	\$1,531	\$1,531	\$1,531	\$1,531
		Total Maintenance Costs	(105,000.00) \$1,386,618	(105,000.00) \$1,424,595	(105,000.00) \$1,464,113	(105,000.00) \$1,495,897	(105,000.00) \$1,528,612

Deduct Logging Recorder

Kansas City, Missouri Subscriber Model

City Agency	# of Subscribers		% of total	Shared Cost	Monthly	Shared Cost	Monthly	Shared Cost	Monthly	Shared Cost	Monthly	Shared Cost	Monthly
	Mobile	Portable		2017 (Year 6)	Per Radio Cost	2018 (Year 7)	Per Radio Cost	2019 (Year 8)	Per Radio Cost	2020 (Year 9)	Per Radio Cost	2021 (Year 10)	Per Radio Cost
				#####		#####		#####		#####		#####	
KCFD	288	829	12.62%	\$174,992	\$13.06	\$179,784	\$13.41	\$184,772	\$13.78	\$188,783	\$14.08	\$192,912	\$14.39
KCPD	952	1742	30.44%	\$422,048	\$13.06	\$433,607	\$13.41	\$445,635	\$13.78	\$455,310	\$14.08	\$465,267	\$14.39
KCMO													
Public Works	418	160	6.53%	\$90,551	\$13.06	\$93,031	\$13.41	\$95,611	\$13.78	\$97,687	\$14.08	\$99,824	\$14.39
Parks & Rec	220	217	4.94%	\$68,461	\$13.06	\$70,336	\$13.41	\$72,288	\$13.78	\$73,857	\$14.08	\$75,472	\$14.39
Conventions	8	124	1.49%	\$20,679	\$13.06	\$21,246	\$13.41	\$21,835	\$13.78	\$22,309	\$14.08	\$22,797	\$14.39
Water	67	80	1.66%	\$23,029	\$13.06	\$23,660	\$13.41	\$24,316	\$13.78	\$24,844	\$14.08	\$25,388	\$14.39
Aviation	250	439	7.78%	\$107,940	\$13.06	\$110,897	\$13.41	\$113,973	\$13.78	\$116,447	\$14.08	\$118,994	\$14.39
Planning (Codes)	3	71	0.84%	\$11,593	\$13.06	\$11,911	\$13.41	\$12,241	\$13.78	\$12,507	\$14.08	\$12,780	\$14.39
General Services	14	109	1.39%	\$19,269	\$13.06	\$19,797	\$13.41	\$20,346	\$13.78	\$20,788	\$14.08	\$21,243	\$14.39
Neighborhood	0	17	0.19%	\$2,663	\$13.06	\$2,736	\$13.41	\$2,812	\$13.78	\$2,873	\$14.08	\$2,936	\$14.39
Health	36	263	3.38%	\$46,842	\$13.06	\$48,125	\$13.41	\$49,460	\$13.78	\$50,534	\$14.08	\$51,639	\$14.39
Animal Control	51	59	1.24%	\$17,233	\$13.06	\$17,705	\$13.41	\$18,196	\$13.78	\$18,591	\$14.08	\$18,998	\$14.39
Other													
VA Hospital	125		1.41%	\$19,583	\$13.06	\$20,119	\$13.41	\$20,677	\$13.78	\$21,126	\$14.08	\$21,588	\$14.39
DEA	65	66	1.48%	\$20,523	\$13.06	\$21,085	\$13.41	\$21,670	\$13.78	\$22,140	\$14.08	\$22,624	\$14.39
US Marshal	82		0.93%	\$12,846	\$13.06	\$13,198	\$13.41	\$13,564	\$13.78	\$13,859	\$14.08	\$14,162	\$14.39
ATF	7		0.08%	\$1,097	\$13.06	\$1,127	\$13.41	\$1,158	\$13.78	\$1,183	\$14.08	\$1,209	\$14.39
FBI	105	76	2.04%	\$28,356	\$13.06	\$29,132	\$13.41	\$29,941	\$13.78	\$30,591	\$14.08	\$31,260	\$14.39
Missouri Highway Patrol	188	126	3.55%	\$49,192	\$13.06	\$50,539	\$13.41	\$51,941	\$13.78	\$53,069	\$14.08	\$54,229	\$14.39
Missouri National Guard	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39
MODOT	19	20	0.44%	\$6,110	\$13.06	\$6,277	\$13.41	\$6,451	\$13.78	\$6,591	\$14.08	\$6,735	\$14.39
BNSF	24		0.27%	\$3,760	\$13.06	\$3,863	\$13.41	\$3,970	\$13.78	\$4,056	\$14.08	\$4,145	\$14.39
Union Pacific	34		0.38%	\$5,327	\$13.06	\$5,472	\$13.41	\$5,624	\$13.78	\$5,746	\$14.08	\$5,872	\$14.39
South Platte Fire	13	51	0.72%	\$10,026	\$13.06	\$10,301	\$13.41	\$10,587	\$13.78	\$10,817	\$14.08	\$11,053	\$14.39
North Kansas City													
Police	14	48	0.70%	\$9,713	\$13.06	\$9,979	\$13.41	\$10,256	\$13.78	\$10,479	\$14.08	\$10,708	\$14.39
Fire	15	34	0.55%	\$7,676	\$13.06	\$7,887	\$13.41	\$8,105	\$13.78	\$8,281	\$14.08	\$8,463	\$14.39
Public Works	1	32	0.37%	\$5,170	\$13.06	\$5,311	\$13.41	\$5,459	\$13.78	\$5,577	\$14.08	\$5,699	\$14.39
Gladstone													
Police	25	60	0.96%	\$13,316	\$13.06	\$13,681	\$13.41	\$14,061	\$13.78	\$14,366	\$14.08	\$14,680	\$14.39
Fire	16	52	0.77%	\$10,653	\$13.06	\$10,945	\$13.41	\$11,248	\$13.78	\$11,493	\$14.08	\$11,744	\$14.39
Public Works	6	23	0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Riverside													
Police	29	45	0.84%	\$11,593	\$13.06	\$11,911	\$13.41	\$12,241	\$13.78	\$12,507	\$14.08	\$12,780	\$14.39
Fire	8	21	0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Public Works	12	8	0.23%	\$3,133	\$13.06	\$3,219	\$13.41	\$3,308	\$13.78	\$3,380	\$14.08	\$3,454	\$14.39
Raytown													
Police	42	86	1.45%	\$20,053	\$13.06	\$20,602	\$13.41	\$21,173	\$13.78	\$21,633	\$14.08	\$22,106	\$14.39
Fire	17	18	0.40%	\$5,483	\$13.06	\$5,633	\$13.41	\$5,790	\$13.78	\$5,915	\$14.08	\$6,045	\$14.39
Public Works	2	18	0.23%	\$3,133	\$13.06	\$3,219	\$13.41	\$3,308	\$13.78	\$3,380	\$14.08	\$3,454	\$14.39
Grandview													
Police	34	71	1.19%	\$16,450	\$13.06	\$16,900	\$13.41	\$17,369	\$13.78	\$17,746	\$14.08	\$18,134	\$14.39
Fire	12	30	0.47%	\$6,580	\$13.06	\$6,760	\$13.41	\$6,948	\$13.78	\$7,098	\$14.08	\$7,254	\$14.39
Public Works	38	32	0.79%	\$10,966	\$13.06	\$11,267	\$13.41	\$11,579	\$13.78	\$11,831	\$14.08	\$12,089	\$14.39
Clay County													
Sheriff	91	95	2.10%	\$29,139	\$13.06	\$29,937	\$13.41	\$30,768	\$13.78	\$31,436	\$14.08	\$32,123	\$14.39
Parks	29		0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Emergency Management	5		0.06%	\$783	\$13.06	\$805	\$13.41	\$827	\$13.78	\$845	\$14.08	\$864	\$14.39
Pleasant Valley	6		0.07%	\$940	\$13.06	\$966	\$13.41	\$993	\$13.78	\$1,014	\$14.08	\$1,036	\$14.39

	Randolph	8		0.09%	\$1,253	\$13.06	\$1,288	\$13.41	\$1,323	\$13.78	\$1,352	\$14.08	\$1,382	\$14.39
	Oakview	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39
	Claycomo	43		0.49%	\$6,736	\$13.06	\$6,921	\$13.41	\$7,113	\$13.78	\$7,267	\$14.08	\$7,426	\$14.39
	Kearney	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39
	Holt	4		0.05%	\$627	\$13.06	\$644	\$13.41	\$662	\$13.78	\$676	\$14.08	\$691	\$14.39
	Mosby	6		0.07%	\$940	\$13.06	\$966	\$13.41	\$993	\$13.78	\$1,014	\$14.08	\$1,036	\$14.39
	Excelsior Spring	2		0.02%	\$313	\$13.06	\$322	\$13.41	\$331	\$13.78	\$338	\$14.08	\$345	\$14.39
Liberty														
	Police	23	60	0.94%	\$13,003	\$13.06	\$13,359	\$13.41	\$13,730	\$13.78	\$14,028	\$14.08	\$14,335	\$14.39
	Fire	30	40	0.79%	\$10,966	\$13.06	\$11,267	\$13.41	\$11,579	\$13.78	\$11,831	\$14.08	\$12,089	\$14.39
	Public Works		56	0.63%	\$8,773	\$13.06	\$9,013	\$13.41	\$9,263	\$13.78	\$9,464	\$14.08	\$9,671	\$14.39
UMKC														
	UMKC	12	35	0.53%	\$7,363	\$13.06	\$7,565	\$13.41	\$7,775	\$13.78	\$7,943	\$14.08	\$8,117	\$14.39
AMR														
		3538	5313	8851										

MARCER 716

100.00%

Kansas City, Missouri Subscriber Model

City Agency	# of Subscribers		% of total	Shared	Monthly	Shared	Monthly	Shared	Monthly	Shared	Monthly	Shared	Monthly
	Mobile	Portable		Cost 2017 (Year 6)	Per Radio Cost	Cost 2018 (Year 7)	Per Radio Cost	Cost 2019 (Year 8)	Per Radio Cost	Cost 2020 (Year 9)	Per Radio Cost	Cost 2021 (Year 10)	Per Radio Cost
				\$1,386,618		\$1,424,595		\$1,464,113		\$1,495,897		\$1,528,612	
KCFD	288	829	12.62%	\$174,992	\$13.06	\$179,784	\$13.41	\$184,772	\$13.78	\$188,783	\$14.08	\$192,912	\$14.39
KCPD	952	1742	30.44%	\$422,048	\$13.06	\$433,607	\$13.41	\$445,635	\$13.78	\$455,310	\$14.08	\$465,267	\$14.39
KCMO													
Public Works	418	160	6.53%	\$90,551	\$13.06	\$93,031	\$13.41	\$95,611	\$13.78	\$97,687	\$14.08	\$99,824	\$14.39
Parks & Rec	220	217	4.94%	\$68,461	\$13.06	\$70,336	\$13.41	\$72,288	\$13.78	\$73,857	\$14.08	\$75,472	\$14.39
Conventions	8	124	1.49%	\$20,679	\$13.06	\$21,246	\$13.41	\$21,835	\$13.78	\$22,309	\$14.08	\$22,797	\$14.39
Water	67	80	1.66%	\$23,029	\$13.06	\$23,660	\$13.41	\$24,316	\$13.78	\$24,844	\$14.08	\$25,388	\$14.39
Aviation	250	439	7.78%	\$107,940	\$13.06	\$110,897	\$13.41	\$113,973	\$13.78	\$116,447	\$14.08	\$118,994	\$14.39
Planning (Codes)	3	71	0.84%	\$11,593	\$13.06	\$11,911	\$13.41	\$12,241	\$13.78	\$12,507	\$14.08	\$12,780	\$14.39
General Services	14	109	1.39%	\$19,269	\$13.06	\$19,797	\$13.41	\$20,346	\$13.78	\$20,788	\$14.08	\$21,243	\$14.39
Neighborhood	0	17	0.19%	\$2,663	\$13.06	\$2,736	\$13.41	\$2,812	\$13.78	\$2,873	\$14.08	\$2,936	\$14.39
Health	36	263	3.38%	\$46,842	\$13.06	\$48,125	\$13.41	\$49,460	\$13.78	\$50,534	\$14.08	\$51,639	\$14.39
Animal Control	51	59	1.24%	\$17,233	\$13.06	\$17,705	\$13.41	\$18,196	\$13.78	\$18,591	\$14.08	\$18,998	\$14.39
Other													
VA Hospital	125		1.41%	\$19,583	\$13.06	\$20,119	\$13.41	\$20,677	\$13.78	\$21,126	\$14.08	\$21,588	\$14.39
DEA	65	66	1.48%	\$20,523	\$13.06	\$21,085	\$13.41	\$21,670	\$13.78	\$22,140	\$14.08	\$22,624	\$14.39
US Marshal	82		0.93%	\$12,846	\$13.06	\$13,198	\$13.41	\$13,564	\$13.78	\$13,859	\$14.08	\$14,162	\$14.39
ATF	7		0.08%	\$1,097	\$13.06	\$1,127	\$13.41	\$1,158	\$13.78	\$1,183	\$14.08	\$1,209	\$14.39
FBI	105	76	2.04%	\$28,356	\$13.06	\$29,132	\$13.41	\$29,941	\$13.78	\$30,591	\$14.08	\$31,260	\$14.39
Missouri Highway Patrol	188	126	3.55%	\$49,192	\$13.06	\$50,539	\$13.41	\$51,941	\$13.78	\$53,069	\$14.08	\$54,229	\$14.39
Missouri National Guard	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39
MODOT	19	20	0.44%	\$6,110	\$13.06	\$6,277	\$13.41	\$6,451	\$13.78	\$6,591	\$14.08	\$6,735	\$14.39
BNSF	24		0.27%	\$3,760	\$13.06	\$3,863	\$13.41	\$3,970	\$13.78	\$4,056	\$14.08	\$4,145	\$14.39
Union Pacific	34		0.38%	\$5,327	\$13.06	\$5,472	\$13.41	\$5,624	\$13.78	\$5,746	\$14.08	\$5,872	\$14.39
South Platte Fire	13	51	0.72%	\$10,026	\$13.06	\$10,301	\$13.41	\$10,587	\$13.78	\$10,817	\$14.08	\$11,053	\$14.39
North Kansas City													
Police	14	48	0.70%	\$9,713	\$13.06	\$9,979	\$13.41	\$10,256	\$13.78	\$10,479	\$14.08	\$10,708	\$14.39
Fire	15	34	0.55%	\$7,676	\$13.06	\$7,887	\$13.41	\$8,105	\$13.78	\$8,281	\$14.08	\$8,463	\$14.39
Public Works	1	32	0.37%	\$5,170	\$13.06	\$5,311	\$13.41	\$5,459	\$13.78	\$5,577	\$14.08	\$5,699	\$14.39
Gladstone													
Police	25	60	0.96%	\$13,316	\$13.06	\$13,681	\$13.41	\$14,061	\$13.78	\$14,366	\$14.08	\$14,680	\$14.39
Fire	16	52	0.77%	\$10,653	\$13.06	\$10,945	\$13.41	\$11,248	\$13.78	\$11,493	\$14.08	\$11,744	\$14.39
Public Works	6	23	0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Riverside													
Police	29	45	0.84%	\$11,593	\$13.06	\$11,911	\$13.41	\$12,241	\$13.78	\$12,507	\$14.08	\$12,780	\$14.39
Fire	8	21	0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Public Works	12	8	0.23%	\$3,133	\$13.06	\$3,219	\$13.41	\$3,308	\$13.78	\$3,380	\$14.08	\$3,454	\$14.39
Raytown													
Police	42	86	1.45%	\$20,053	\$13.06	\$20,602	\$13.41	\$21,173	\$13.78	\$21,633	\$14.08	\$22,106	\$14.39
Fire	17	18	0.40%	\$5,483	\$13.06	\$5,633	\$13.41	\$5,790	\$13.78	\$5,915	\$14.08	\$6,045	\$14.39
Public Works	2	18	0.23%	\$3,133	\$13.06	\$3,219	\$13.41	\$3,308	\$13.78	\$3,380	\$14.08	\$3,454	\$14.39
Grandview													
Police	34	71	1.19%	\$16,450	\$13.06	\$16,900	\$13.41	\$17,369	\$13.78	\$17,746	\$14.08	\$18,134	\$14.39
Fire	12	30	0.47%	\$6,580	\$13.06	\$6,760	\$13.41	\$6,948	\$13.78	\$7,098	\$14.08	\$7,254	\$14.39
Public Works	38	32	0.79%	\$10,966	\$13.06	\$11,267	\$13.41	\$11,579	\$13.78	\$11,831	\$14.08	\$12,089	\$14.39
Clay County													
Sheriff	91	95	2.10%	\$29,139	\$13.06	\$29,937	\$13.41	\$30,768	\$13.78	\$31,436	\$14.08	\$32,123	\$14.39
Parks	29		0.33%	\$4,543	\$13.06	\$4,668	\$13.41	\$4,797	\$13.78	\$4,901	\$14.08	\$5,008	\$14.39
Emergency Management	5		0.06%	\$783	\$13.06	\$805	\$13.41	\$827	\$13.78	\$845	\$14.08	\$864	\$14.39
Pleasant Valley	6		0.07%	\$940	\$13.06	\$966	\$13.41	\$993	\$13.78	\$1,014	\$14.08	\$1,036	\$14.39
Randolph	8		0.09%	\$1,253	\$13.06	\$1,288	\$13.41	\$1,323	\$13.78	\$1,352	\$14.08	\$1,382	\$14.39
Oakview	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39

	Claycomo	43		0.49%	\$6,736	\$13.06	\$6,921	\$13.41	\$7,113	\$13.78	\$7,267	\$14.08	\$7,426	\$14.39
	Kearney	13		0.15%	\$2,037	\$13.06	\$2,092	\$13.41	\$2,150	\$13.78	\$2,197	\$14.08	\$2,245	\$14.39
	Holt	4		0.05%	\$627	\$13.06	\$644	\$13.41	\$662	\$13.78	\$676	\$14.08	\$691	\$14.39
	Mosby	6		0.07%	\$940	\$13.06	\$966	\$13.41	\$993	\$13.78	\$1,014	\$14.08	\$1,036	\$14.39
	Excelsior Spring	2		0.02%	\$313	\$13.06	\$322	\$13.41	\$331	\$13.78	\$338	\$14.08	\$345	\$14.39
Liberty														
	Police	23	60	0.94%	\$13,003	\$13.06	\$13,359	\$13.41	\$13,730	\$13.78	\$14,028	\$14.08	\$14,335	\$14.39
	Fire	30	40	0.79%	\$10,966	\$13.06	\$11,267	\$13.41	\$11,579	\$13.78	\$11,831	\$14.08	\$12,089	\$14.39
	Public Works		56	0.63%	\$8,773	\$13.06	\$9,013	\$13.41	\$9,263	\$13.78	\$9,464	\$14.08	\$9,671	\$14.39
UMKC														
	UMKC	12	35	0.53%	\$7,363	\$13.06	\$7,565	\$13.41	\$7,775	\$13.78	\$7,943	\$14.08	\$8,117	\$14.39
AMR														
		3538	5313	8851										

MARCER 716

100.00%

Johnson County, Kansas Master Site Port Model (5+ Year Forecast)

JOCO System	Master Site Ports	Shared Cost 2017 (Year 6)		Shared Cost 2018 (Year 7)		Shared Cost 2019 (Year 8)		Shared Cost 2020 (Year 9)		Shared Cost 2021 (Year 10)	
		Cost	Per Port Cost	Cost	Per Port Cost	Cost	Per Port Cost	Cost	Per Port Cost	Cost	Per Port Cost
Estimated Master Site Only Cost		\$356,149		\$366,833		\$377,838		\$389,174		\$400,849	
Johnson County											
JOCO Simulcast		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Wyandotte Simulcast		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
System Ports Used		2									
PSAPS											
Johnson County		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Johnson County Backup		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Prairie Village		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Lenexa		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Shawnee		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Overland Park		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Leawood		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Wyandotte County		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
Wyandotte County Backup		1	9.09%	1	9.09%	1	9.09%	1	9.09%	1	9.09%
PSAP Ports Used		9									
Total Ports Used		11									

Master Site System

Johnson County, Kansas Infrastructure Tasks and Costs

Equipment	Maintenance Plan	Responsibility	Maintenance ce Costs				
			2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Network	County	Motorola Contract	\$766,989	\$789,572	\$813,177	\$829,081	\$845,407
Repeaters	County	County	incl	incl	incl	incl	incl
Microwave	County	County	incl	incl	incl	incl	incl
Consoles	County & City Agencies	County & Motorola Contract	incl	incl	incl	incl	incl
Genesis	County	County	\$4,100	\$4,223	\$4,350	\$4,480	\$4,615
Logging Recorders	County & NICE	County & Vendor	\$40,000	\$41,200	\$42,436	\$43,709	\$45,020
Battery							
Plants/UPS/Generator/H							
VAC/Civils	County	County Contract	\$100,000	\$105,000	\$110,250	\$115,763	\$121,551
Tower	County Radio Shop & Local Vendor	County Contract	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Shelter	County Radio Shop & County Facilities Maintenance	County & Contract as needed	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Test Equipment	County	County Contract	\$1,600				
Spare Parts	Multiple Vendors	County Contracts	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
		County Costs	\$982,689	\$1,009,995	\$1,040,213	\$1,063,033	\$1,086,593
Technical Manager (1)			\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
Technicians (4)			\$320,000	\$320,000	\$320,000	\$320,000	\$320,000
Vehicles			\$2,000				
Total Maintenance Costs			\$1,422,689	\$1,449,995	\$1,480,213	\$1,503,033	\$1,526,593

Shawnee	Public Works	62	3.65%	\$51,904	\$16.90	\$52,900	\$17.22	\$54,002	\$17.58	\$54,835	\$17.85	\$55,694	\$18.13		
	Police	169													
	Fire	92													
	Public Works	65	4.65%	\$66,096	\$16.90	\$67,365	\$17.22	\$68,769	\$17.58	\$69,829	\$17.85	\$70,923	\$18.13		
Lenexa	Police	227													
	Fire	204													
	Public Works	190	8.85%	\$125,907	\$16.90	\$128,324	\$17.22	\$130,998	\$17.58	\$133,017	\$17.85	\$135,102	\$18.13		
Olathe	Police	388													
	Fire	299													
	Public Works	303	14.11%	\$200,721	\$16.90	\$204,574	\$17.22	\$208,837	\$17.58	\$212,057	\$17.85	\$215,381	\$18.13		
Merriam	Police	59													
	Public Works	22	1.15%	\$16,423	\$16.90	\$16,738	\$17.22	\$17,087	\$17.58	\$17,350	\$17.85	\$17,622	\$18.13		
Mission	Police	72													
	Public Works	18	1.28%	\$18,247	\$16.90	\$18,598	\$17.22	\$18,985	\$17.58	\$19,278	\$17.85	\$19,580	\$18.13		
	Lake Quivira Police	16	0.23%	\$3,244	\$16.90	\$3,306	\$17.22	\$3,375	\$17.58	\$3,427	\$17.85	\$3,481	\$18.13		
	Gardner Public Safety	67	0.95%	\$13,584	\$16.90	\$13,845	\$17.22	\$14,133	\$17.58	\$14,351	\$17.85	\$14,576	\$18.13		
	Johnson County Community College	42	0.60%	\$8,515	\$16.90	\$8,679	\$17.22	\$8,860	\$17.58	\$8,996	\$17.85	\$9,137	\$18.13		
	Westwood Police and Public Works	29	0.41%	\$5,880	\$16.90	\$5,993	\$17.22	\$6,117	\$17.58	\$6,212	\$17.85	\$6,309	\$18.13		
	Fairway Police	29	0.41%	\$5,880	\$16.90	\$5,993	\$17.22	\$6,117	\$17.58	\$6,212	\$17.85	\$6,309	\$18.13		
	Roeland Park Police and Public Works	47	0.67%	\$9,529	\$16.90	\$9,712	\$17.22	\$9,914	\$17.58	\$10,067	\$17.85	\$10,225	\$18.13		
	Springhill Police	20	0.29%	\$4,055	\$16.90	\$4,133	\$17.22	\$4,219	\$17.58	\$4,284	\$17.85	\$4,351	\$18.13		
	KU Medical Center Police	74	1.05%	\$15,003	\$16.90	\$15,291	\$17.22	\$15,610	\$17.58	\$15,851	\$17.85	\$16,099	\$18.13		
	Olathe School District	139	1.98%	\$28,182	\$16.90	\$28,723	\$17.22	\$29,322	\$17.58	\$29,774	\$17.85	\$30,240	\$18.13		
Shawnee Mission School District	70	1.00%	\$14,192	\$16.90	\$14,465	\$17.22	\$14,766	\$17.58	\$14,994	\$17.85	\$15,229	\$18.13			
PSIC	95	1.35%	\$19,261	\$16.90	\$19,631	\$17.22	\$20,040	\$17.58	\$20,349	\$17.85	\$20,668	\$18.13			
		7017				7017	\$1,422,689		\$1,449,995		\$1,480,213		\$1,503,033		\$1,526,593

Douglas County	189	100.00%
MARCE	716	
State of Kansas	1859	
Shawnee County	329	

Independence, Missouri Infrastructure Tasks and Costs

	Equipment	Maintenance Plan	Responsibility	Maintenance e Costs				
				2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Network	City	Motorola Contract		\$491,463	\$534,576	\$545,529	\$556,868	\$568,767
Repeaters	City	City	incl	incl	incl	incl	incl	incl
Microwave	City	City	incl	incl	incl	incl	incl	incl
Consoles	City & Motorola	City & Motorola Contract	incl	incl	incl	incl	incl	incl
Logging Recorders	City & Eventide	City & Vendor	\$12,065	\$12,065	\$12,065	\$12,065	\$12,065	\$12,065
Battery Plants	City	City Contract	incl	incl	incl	incl	incl	incl
Generator	City	City Contract	incl	incl	incl	incl	incl	incl
HVAC	City	City Contract	incl	incl	incl	incl	incl	incl
Tower	City	City Contract	incl	incl	incl	incl	incl	incl
Civils	City	City & Contract as needed	incl	incl	incl	incl	incl	incl
Shelter	City	City & Contract as needed	incl	incl	incl	incl	incl	incl
Test Equipment	City	City Contract	incl	incl	incl	incl	incl	incl
Spare Parts	City Contracts	City Contracts	incl	incl	incl	incl	incl	incl
		City Costs		\$503,528	\$546,641	\$557,594	\$568,933	\$580,832
Master Site Port Fee	MARRS Cost Model	City		\$12,189	\$12,554	\$12,931	\$13,319	\$13,719
Technical Consultant				\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Vehicles				n/a	n/a	n/a	n/a	n/a
Misc Costs (shoes, tools, uniforms, etc...)				n/a	n/a	n/a	n/a	n/a
Deduct Logging Recorder				(12,065.00)	(12,065.00)	(12,065.00)	(12,065.00)	(12,065.00)
Deduct Motorola Maintenance for Previous Logger				(28,734.00)	(28,734.00)	(28,734.00)	(28,734.00)	(28,734.00)
Total Maintenance Costs				\$494,918	\$538,396	\$549,726	\$561,453	\$573,752

Independence, Missouri Subscriber Model

City Agency	# of Subscribers	% of total	Shared Cost 2017 (Year 6)	Monthly Per Radio Cost	Shared Cost 2018 (Year 7)	Monthly Per Radio Cost	Shared Cost 2019 (Year 8)	Monthly Per Radio Cost	Shared Cost 2020 (Year 9)	Monthly Per Radio Cost	Shared Cost 2021 (Year 10)	Monthly Per Radio Cost
			\$494,918	\$17.88	\$538,396	\$19.45	\$549,726	\$19.86	\$561,453	\$20.28	\$573,752	\$20.73
Independence	1243	53.88%	\$266,659	\$17.88	\$290,085	\$19.45	\$296,190	\$19.86	\$302,508	\$20.28	\$309,134	\$20.73
Independence EOC	5	0.22%	\$1,073	\$17.88	\$1,167	\$19.45	\$1,191	\$19.86	\$1,217	\$20.28	\$1,244	\$20.73
Independence School	43	1.86%	\$9,225	\$17.88	\$10,035	\$19.45	\$10,246	\$19.86	\$10,465	\$20.28	\$10,694	\$20.73
Lake City	59	2.56%	\$12,657	\$17.88	\$13,769	\$19.45	\$14,059	\$19.86	\$14,359	\$20.28	\$14,673	\$20.73
CIC Fire	154	6.68%	\$33,037	\$17.88	\$35,940	\$19.45	\$36,696	\$19.86	\$37,479	\$20.28	\$38,300	\$20.73
JCDTF	26	1.13%	\$5,578	\$17.88	\$6,068	\$19.45	\$6,195	\$19.86	\$6,328	\$20.28	\$6,466	\$20.73
MODOT	19	0.82%	\$4,076	\$17.88	\$4,434	\$19.45	\$4,527	\$19.86	\$4,624	\$20.28	\$4,725	\$20.73
WYCO	3	0.13%	\$644	\$17.88	\$700	\$19.45	\$715	\$19.86	\$730	\$20.28	\$746	\$20.73
lenexa Fire	6	0.26%	\$1,287	\$17.88	\$1,400	\$19.45	\$1,430	\$19.86	\$1,460	\$20.28	\$1,492	\$20.73
AMR	36	1.56%	\$7,723	\$17.88	\$8,402	\$19.45	\$8,578	\$19.86	\$8,761	\$20.28	\$8,953	\$20.73
MCC	50	2.17%	\$10,726	\$17.88	\$11,669	\$19.45	\$11,914	\$19.86	\$12,168	\$20.28	\$12,435	\$20.73
Blue Springs	342	14.82%	\$73,369	\$17.88	\$79,814	\$19.45	\$81,494	\$19.86	\$83,232	\$20.28	\$85,055	\$20.73

Ft Osage	60	2.60%	\$12,872	\$17.88	\$14,003	\$19.45	\$14,297	\$19.86	\$14,602	\$20.28	\$14,922	\$20.73
Jackson County	261	11.31%	\$55,992	\$17.88	\$60,911	\$19.45	\$62,193	\$19.86	\$63,519	\$20.28	\$64,911	\$20.73
Sugar Creek	76	3.29%	\$16,304	\$17.88	\$17,737	\$19.45	\$18,110	\$19.86	\$18,496	\$20.28	\$18,901	\$20.73
	2307		2307									

100.00%

Platte County, Missouri Subscriber Model

County Agency	# of Subscribers	% of total	Shared Cost	Monthly Per Radio Cost	Shared Cost	Monthly Per Radio Cost	Shared Cost	Monthly Per Radio Cost	Shared Cost	Monthly Per Radio Cost	Shared Cost	Monthly Per Radio Cost
			(Year 6)	(Year 6)	(Year 7)	(Year 7)	(Year 8)	(Year 8)	(Year 9)	(Year 9)	(Year 10)	(Year 10)
Platte County Sheriff	218	38.18%	\$102,770	\$39.29	\$103,049	\$39.39	\$103,337	\$39.50	\$103,633	\$39.62	\$103,938	\$39.73
Platte County Local LE	116	20.32%	\$54,685	\$39.29	\$54,834	\$39.39	\$54,987	\$39.50	\$55,144	\$39.62	\$55,307	\$39.73
Weston Police	14	2.45%	\$6,600	\$39.29	\$6,618	\$39.39	\$6,636	\$39.50	\$6,655	\$39.62	\$6,675	\$39.73
Ferrellview Police	1	0.18%	\$471	\$39.29	\$473	\$39.39	\$474	\$39.50	\$475	\$39.62	\$477	\$39.73
Platte County Local Fire/EMS	168	29.42%	\$79,199	\$39.29	\$79,414	\$39.39	\$79,636	\$39.50	\$79,864	\$39.62	\$80,099	\$39.73
Heartland Ambulance	1	0.18%	\$471	\$39.29	\$473	\$39.39	\$474	\$39.50	\$475	\$39.62	\$477	\$39.73
Smithville Fire	6	1.05%	\$2,829	\$39.29	\$2,836	\$39.39	\$2,844	\$39.50	\$2,852	\$39.62	\$2,861	\$39.73
Platte County Public Works	47	8.23%	\$22,157	\$39.29	\$22,217	\$39.39	\$22,279	\$39.50	\$22,343	\$39.62	\$22,409	\$39.73
	571	571										

Mutual Aid

113

100.00%

Cass County, Missouri Infrastructure Tasks and Costs

Equipment	Maintenance Plan	Responsibility	Maintenance Costs				
			2017 (Year 6)	2018 (Year 7)	2019 (Year 8)	2020 (Year 9)	2021 (Year 10)
Network	County	Motorola Contract	\$499,851	\$503,798	\$507,774	\$511,792	\$515,848
Repeaters	County	Motorola Contract	incl	incl	incl	incl	incl
Microwave	County	Motorola Contract	incl	incl	incl	incl	incl
Consoles	County & Motorola	Motorola Contract	incl	incl	incl	incl	incl
Logging Recorders	County & NICE	Motorola Contract	incl	incl	incl	incl	incl
Battery Plants	County	Motorola Contract	incl	incl	incl	incl	incl
Generator	County	Motorola Contract	incl	incl	incl	incl	incl
HVAC	County	Motorola Contract	incl	incl	incl	incl	incl
Tower	County	Motorola Contract	incl	incl	incl	incl	incl
Civils	County	Motorola Contract	incl	incl	incl	incl	incl
Shelter	County	Motorola Contract	incl	incl	incl	incl	incl
Test Equipment	County	County Contract	n/a	n/a	n/a	n/a	n/a
Spare Parts	County Contracts	County Contracts	incl	incl	incl	incl	incl
County Costs			\$499,851	\$503,798	\$507,774	\$511,792	\$515,848
Master Site Port Fee	MARRS Cost Model	County	\$12,189	\$12,554	\$12,931	\$13,319	\$13,719
Technical Manager (1) Vehicles			n/a	n/a	n/a	n/a	n/a
Misc Costs (shoes, tools, uniforms, etc...)			n/a	n/a	n/a	n/a	n/a
Total Maintenance Costs			\$512,040	\$516,352	\$520,705	\$525,111	\$529,567

Cass County, Missouri Subscriber Model

County Agency	# of Subscribers	% of total	Shared Cost 2017 (Year 6)		Shared Cost 2018 (Year 7)		Shared Cost 2019 (Year 8)		Shared Cost 2020 (Year 9)		Shared Cost 2021 (Year 10)	
			Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost
Belton	248	17.88%	\$91,554	\$30.76	\$92,325	\$31.02	\$93,104	\$31.28	\$93,892	\$31.55	\$94,688	\$31.82
Central Cass Fire	185	13.34%	\$68,297	\$30.76	\$68,872	\$31.02	\$69,452	\$31.28	\$70,040	\$31.55	\$70,634	\$31.82
Cass County SO	136	9.81%	\$50,207	\$30.76	\$50,630	\$31.02	\$51,057	\$31.28	\$51,489	\$31.55	\$51,926	\$31.82
Drexel	82	5.91%	\$30,272	\$30.76	\$30,527	\$31.02	\$30,784	\$31.28	\$31,045	\$31.55	\$31,308	\$31.82
Archie	10	0.72%	\$3,692	\$30.76	\$3,723	\$31.02	\$3,754	\$31.28	\$3,786	\$31.55	\$3,818	\$31.82
East Lynne	35	2.52%	\$12,921	\$30.76	\$13,030	\$31.02	\$13,140	\$31.28	\$13,251	\$31.55	\$13,363	\$31.82
Garden City	49	3.53%	\$18,089	\$30.76	\$18,242	\$31.02	\$18,395	\$31.28	\$18,551	\$31.55	\$18,709	\$31.82
Harrisonville	154	11.10%	\$56,852	\$30.76	\$57,331	\$31.02	\$57,814	\$31.28	\$58,304	\$31.55	\$58,798	\$31.82
Lake Winnebago	22	1.59%	\$8,122	\$30.76	\$8,190	\$31.02	\$8,259	\$31.28	\$8,329	\$31.55	\$8,400	\$31.82
Pleasant Hill	136	9.81%	\$50,207	\$30.76	\$50,630	\$31.02	\$51,057	\$31.28	\$51,489	\$31.55	\$51,926	\$31.82
Raymore	101	7.28%	\$37,286	\$30.76	\$37,600	\$31.02	\$37,917	\$31.28	\$38,238	\$31.55	\$38,563	\$31.82
South Metro Fire	87	6.27%	\$32,118	\$30.76	\$32,388	\$31.02	\$32,661	\$31.28	\$32,938	\$31.55	\$33,217	\$31.82
Western Cass Fire	81	5.84%	\$29,903	\$30.76	\$30,155	\$31.02	\$30,409	\$31.28	\$30,666	\$31.55	\$30,926	\$31.82
Peculiar	61	4.40%	\$22,519	\$30.76	\$22,709	\$31.02	\$22,901	\$31.28	\$23,094	\$31.55	\$23,290	\$31.82
	1387	1387										

100.00%

Jackson County, Missouri Subscriber Model

County Agency	# of Subscribers	% of total	Shared Cost 2017 (Year 6)		Shared Cost 2018 (Year 7)		Shared Cost 2019 (Year 8)		Shared Cost 2020 (Year 9)		Shared Cost 2021 (Year 10)	
			Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost
			\$77,109		\$77,967		\$78,736		\$79,433		\$80,336	
Buckner	10	1.98%	\$1,524	\$12.70	\$1,541	\$12.84	\$1,556	\$12.97	\$1,570	\$13.08	\$1,588	\$13.23
Oak Grove	37	7.31%	\$5,638	\$12.70	\$5,701	\$12.84	\$5,757	\$12.97	\$5,808	\$13.08	\$5,874	\$13.23
Lake Tapawingo	9	1.78%	\$1,371	\$12.70	\$1,387	\$12.84	\$1,400	\$12.97	\$1,413	\$13.08	\$1,429	\$13.23
Grain Valley	42	8.30%	\$6,400	\$12.70	\$6,472	\$12.84	\$6,535	\$12.97	\$6,593	\$13.08	\$6,668	\$13.23
Lake Lotawana	6	1.19%	\$914	\$12.70	\$925	\$12.84	\$934	\$12.97	\$942	\$13.08	\$953	\$13.23
Greenwood	15	2.96%	\$2,286	\$12.70	\$2,311	\$12.84	\$2,334	\$12.97	\$2,355	\$13.08	\$2,381	\$13.23
Lone Jack	12	2.37%	\$1,829	\$12.70	\$1,849	\$12.84	\$1,867	\$12.97	\$1,884	\$13.08	\$1,905	\$13.23
Jackson County Public Works	87	17.19%	\$13,258	\$12.70	\$13,405	\$12.84	\$13,538	\$12.97	\$13,657	\$13.08	\$13,813	\$13.23
Jackson County Sheriff	228	45.06%	\$34,745	\$12.70	\$35,132	\$12.84	\$35,478	\$12.97	\$35,792	\$13.08	\$36,199	\$13.23
Jackson County Parks	60	11.86%	\$9,143	\$12.70	\$9,245	\$12.84	\$9,336	\$12.97	\$9,419	\$13.08	\$9,526	\$13.23
	506	506										

100.00%

Wyandotte County, Kansas Subscriber Model

County Agency	# of Subscribers	% of total	Shared Cost 2017 (Year 6)		Shared Cost 2018 (Year 7)		Shared Cost 2019 (Year 8)		Shared Cost 2020 (Year 9)		Shared Cost 2021 (Year 10)	
			Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost	Cost	Monthly Per Radio Cost
Wyandotte County Sheriff	342	11.19%	\$100,420	\$24.47	\$105,834	\$25.79	\$103,048	\$25.11	\$104,319	\$25.42	\$109,871	\$26.77
Wyandotte County Emergency Mgt.	92	3.01%	\$27,014	\$24.47	\$28,470	\$25.79	\$27,720	\$25.11	\$28,062	\$25.42	\$29,556	\$26.77
Kansas City, KS. Police	854	27.95%	\$250,756	\$24.47	\$264,277	\$25.79	\$257,318	\$25.11	\$260,492	\$25.42	\$274,356	\$26.77
Kansas City, KS. Fire	427	13.98%	\$125,378	\$24.47	\$132,138	\$25.79	\$128,659	\$25.11	\$130,246	\$25.42	\$137,178	\$26.77
Kansas City, KS. Community College	35	1.15%	\$10,277	\$24.47	\$10,831	\$25.79	\$10,546	\$25.11	\$10,676	\$25.42	\$11,244	\$26.77
USD500	39	1.28%	\$11,451	\$24.47	\$12,069	\$25.79	\$11,751	\$25.11	\$11,896	\$25.42	\$12,529	\$26.77
Bonner Springs Police	46	1.51%	\$13,507	\$24.47	\$14,235	\$25.79	\$13,860	\$25.11	\$14,031	\$25.42	\$14,778	\$26.77
Bonner Springs Fire	87	2.85%	\$25,545	\$24.47	\$26,923	\$25.79	\$26,214	\$25.11	\$26,537	\$25.42	\$27,950	\$26.77
Edwardsville Police	33	1.08%	\$9,690	\$24.47	\$10,212	\$25.79	\$9,943	\$25.11	\$10,066	\$25.42	\$10,602	\$26.77
Edwardsville Fire	42	1.37%	\$12,332	\$24.47	\$12,997	\$25.79	\$12,655	\$25.11	\$12,811	\$25.42	\$13,493	\$26.77
BPU	459	15.02%	\$134,774	\$24.47	\$142,041	\$25.79	\$138,301	\$25.11	\$140,007	\$25.42	\$147,458	\$26.77
Wyandotte Non Public Safety	599	19.61%	\$175,882	\$24.47	\$185,365	\$25.79	\$180,484	\$25.11	\$182,710	\$25.42	\$192,435	\$26.77
	3055	3055										

Leavenworth County

164

100.00%