



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

July 20, 2009

Ordinance 16598

Proposed No. 2009-0391.1

Sponsors Dunn

1 AN ORDINANCE authorizing the executive to enter into
2 an interlocal agreement with the Valley Communications
3 Center for the establishment of joint projects regarding the
4 replacement, upgrade, maintenance, and repair of
5 equipment in that portion of the Valley Communications
6 Center that is part of the regional emergency
7 communication system and is owned by both King County
8 and Valley Communications Center, as well as Valley
9 Communications Center separately owned and operated
10 equipment not within the regional emergency
11 communication system.

12

13 **STATEMENT OF FACT:**

14 1. Ordinance 10464 and K.C.C. chapter 2.58 established an emergency
15 regional radio communications system ("the system"). That system has
16 been constructed and is in use by the entities described in K.C.C. chapter

17 2.58, including the county and Valley Communications Center ("Valley
18 Com").

19 2. Portions of the system's microwave infrastructure, known as the
20 "Southloop Microwave," need to be replaced because of increasingly high
21 operating costs, equipment obsolescence, limited availability of spare parts
22 and capacity constraints.

23 3. The county and Valley Com jointly were awarded a grant from the
24 United States Department of Commerce through the state of Washington
25 to pay for most of the Southloop Microwave replacement. The grant
26 requires a twenty percent match from recipients that can be met by either
27 direct cash expenditures or in-kind contributions to the project.

28 4. The county and Valley Com desire to enter into an interlocal
29 agreement, in substantially the same form as attached to this ordinance, to
30 upgrade, replace, maintain and repair those portions of the system that are
31 jointly owned by Valley Com and the county or are owned solely by
32 Valley Com, subject to the availability of funding to pay for the work to
33 be performed.

34 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

35 SECTION 1. The executive is hereby authorized to enter into an interlocal
36 cooperation agreement with Valley Com, in substantially the same form as the attached
37 agreement, to replace, upgrade, maintain, or repair equipment in those portions of the
38 regional emergency radio communications system jointly owned by the county and

39 Valley Com and in those portions solely owned by Valley Com including work to
40 enhance the South Microwave Loop.

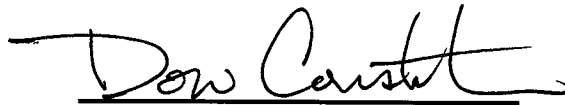
41 SECTION 2. The executive is hereby authorized to enter into an interlocal
42 agreement, in substantially the same form as attached to this ordinance, for ten years.

43

Ordinance 16598 was introduced on 6/29/2009 and passed by the Metropolitan King
County Council on 7/20/2009, by the following vote:

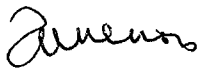
Yes: 9 - Mr. Constantine, Mr. Ferguson, Ms. Hague, Ms. Lambert, Mr. von
Reichbauer, Mr. Gossett, Mr. Phillips, Ms. Patterson and Mr. Dunn
No: 0
Excused: 0

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON



Dow Constantine, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 30th day of July, 2009.



Kurt Triplett, County Executive

RECEIVED
2009 JUL 30 PM 3:36
CLERK
KING COUNTY COUNCIL

Attachments A. Interlocal Cooperative Agreement Between King County and Valley
Communications Center for Projects Supporting the Regional Emergency Radio
Communications System

**INTERLOCAL COOPERATIVE AGREEMENT BETWEEN KING COUNTY AND
VALLEY COMMUNICATIONS CENTER FOR PROJECTS SUPPORTING THE
REGIONAL EMERGENCY RADIO COMMUNICATIONS SYSTEM**

THIS AGREEMENT is entered into by and between King County (hereinafter referred to as “County”) and Valley Communications Center (hereinafter referred to as “Valley Com”) for the purpose of establishing joint projects in support of the regional emergency radio communications system. The County and Valley Com may also be referred to as a “Party” or the “Parties.”

WHEREAS, pursuant to Ordinance No. 10464, King County submitted to the electors of King County a general tax levy to support the development of a regional emergency radio communications system; and

WHEREAS, the electors at the general election held on September 15, 1992, approved the general tax levy; and

WHEREAS, significant portions of the tax levy were allocated to Valley Com; and

WHEREAS, the transfer, use and expenditure of those tax levy proceeds required the cooperation of King County and Valley Com; and

WHEREAS, pursuant to RCW 39.34, the Interlocal Cooperative Act, the parties are each authorized to enter into an agreement for cooperative action; and

WHEREAS, King County and Valley Com have determined that it would be in their respective best interests to enter into joint projects for the support and maintenance of the regional emergency radio communications system and other legacy communications equipment;

NOW, THEREFORE, King County and Valley Com do hereby agree as follows:

I. PURPOSE OF THE AGREEMENT.

This Agreement is for the purpose of providing a structure for King County and Valley Com (the Parties) cooperative projects for the support, upgrade, replacement and maintenance of the regional emergency radio communications system in the Parties' services areas as described in KCC 2.58.

II. DEFINITIONS.

Words and terms shall be given their ordinary and usual meanings. Wherever used in this Agreement, the following terms will have the meanings set forth in this section.

- a. Agreement means this Interlocal Cooperative Agreement between King County and Valley Communications Center for projects supporting the Regional Emergency Radio Communications System and any amendments thereto.
- b. County means King County.
- c. KCC means King County Code.
- d. King County Project Manager means the person designated by County to act as the manager for a specific body of work.
- e. King County Radio Communication Services, or KCRCS, means County staff charged with administration and maintenance of the emergency radio communication system as provided for in KCC 2.58.
- f. KC Sub-System means the King County owned portion of the King County/Valley Com Sub-System which is part of the regional emergency radio communications system.
- g. King County Sub-region means the geographic area and the prospective agencies that will use the System as identified in King County Code 2.58 and in the approved

system design and those agencies which have since been added and approved by the Regional Communications Board.

h. KC/VC Sub-System means the portion of the regional emergency radio communications system which is jointly implemented and maintained by County and Valley Com and provides coverage for the County and/or Valley Com Subregions. Pursuant to KCC 2.58, this portion of the regional system was implemented as one operational entity with two owners, County and Valley Com. A matrix displaying the locations and ownership of the regional emergency radio communication system making up the KC/VC Sub-System is attached to and made a part of this Agreement as Attachment 1.

i. Public Safety Interoperable Communications (“PSIC”) Grant means a one time grant funded by the U.S. Department of Commerce, administered by the U.S. Department of Homeland Security at the federal level, and the State of Washington Military Department.

j. Projects or Work mean all activities explicitly agreed to under this Agreement relating to the planning, development, acquisition, installation, repair, and maintenance of KC/VC Sub-System equipment or separately owned Valley Com equipment which is agreed to by both parties in writing on a work order basis.

k. Regional Communications Board means the regional communications board created pursuant to KCC 2.58.050.

l. Southloop Microwave or SLM means the portion of the KC/VC Sub-System which is jointly owned and operated by County and/or Valley Com that provides backhaul transportation of signals supporting the 800 MHz Trunked Radio System. A matrix displaying the locations and ownership of the regional emergency radio communication system

making up the Southloop Microwave is attached to and made part of this Agreement as Attachment 1.

m. Southloop Microwave Project (SLM Project) means the project for the replacement of the Southloop Microwave.

n. Valley Communications Subregion means the geographic area and the prospective agencies that will use the system as identified in KCC 2.58 and in the approved system design.

o. VC Sub-System means the Valley Com owned portion of the KC/VC Sub-System which is part of the regional emergency radio communications system.

III. PROJECT: SOUTHLOOP MICROWAVE PROJECT.

a. SLM Project Purpose: Replacement of the Southloop Microwave network is required due to high operational costs, equipment functional obsolescence, capacity constraints, and limited availability of repair parts from the manufacturer.

b. SLM Project Work: Work necessary for replacement of the Southloop Microwave by KCRCS.

c. Joint Project Manager: Valley Com agrees to utilize the King County Project Manager for the SLM Project. The Project Manager shall be responsible for managing the detailed engineering design, procurement, and implementation of the Project. The Project Manager shall also have the following responsibilities:

- i. work with and determine the needs of Parties' Subregions;
- ii. negotiate and administer vendor contracts, consulting contracts, and other related contracts as necessary to design, procure, implement the system, and other project work consistent with the KCC and State of Washington purchasing laws;

iii. advise, inform, and make periodic reports to officials of County and Valley Com and to those entities' representatives on the Regional Communications Board as required; and

iv. oversee and direct the work efforts of any support staff or consultants assigned to work on the project by County and/or Valley Com.

d. Project Expenses: Funding for the Project will occur primarily through PSIC grant funds awarded to County and Valley Com. Projects funded by the PSIC Grant must be completed September 30, 2010. Further, the PSIC grant requires a 20% fund match which can be fulfilled via cash or in-kind contribution, but must originate from local funds. The Parties agree that County agrees to bear 70% and Valley Com 30% of the required PSIC grant fund matching contribution. Project expenditures required to complete the project above and beyond the grant funding will be split utilizing the same ratio. Neither Party is required to incur Project costs above the level identified in the grant award (total grant award is \$1,935,995, with a total matching contribution of \$483,999) and Valley Com shall have no obligation to pay the County for work performed in excess of the level identified in the grant award unless the Parties agree in writing to the expenditure.

County agrees to pay the cash expenses authorized by the Parties during the duration of the project. County will submit monthly invoices to Valley Com documenting the expenses incurred by the County for the Project since the previous invoice. Valley Com agrees to reimburse County for 30% of the documented joint project expenses contained in invoices within 30 calendar days of receipt of an invoice.

IV. REGIONAL EMERGENCY RADIO COMMUNICATIONS SYSTEM SERVICE AGREEMENT.

- a. **Project Purpose: Service Agreement:** This service Agreement defines the preventative and restorative maintenance and repair services to be provided by KCRCS for the KC/VC and VC Sub-Systems, including parts and labor, on the equipment as listed in Attachment 2. Parts, supplies or outside contractor costs will be paid for directly by Valley Com, or as invoiced by KCRCS.
- b. **Cost:** Valley Com agrees to reimburse County for Work at the published KCRCS Infrastructure labor service rate plus the price of all parts.
- c. **Work:** County will maintain and repair the equipment listed in Attachment 2, as described below:
 - i. All preventative and restorative maintenance and repair conducted on Valley Com equipment shall be performed with quality at least equal to that used to maintain and repair the KC Sub-System.
 - ii. Service on the VC and on the KC/VC Sub-Systems' equipment shall be performed with the same priority as the KC Sub-System's equipment. If there are multiple service affecting failures, the failure that affects the largest number of system subscribers shall be repaired first, the failure that affects the next largest number of subscribers shall be repaired second, and so forth, regardless of whether the failure is in a County, Valley Com, or jointly-owned facility. The County agrees to consult with Valley Com in making this determination.
 - iii. Service shall be performed during normal working hours (0730-1600) unless either the failure affects more than one System channel at a site or Valley Com requests that service be performed before or after normal business hours. After hours service can be requested by any supervisory personnel at Valley Com. A KCRCS technician will be en route or effecting repairs within one (1) hour of being notified that there is a need for repair. KCRCS

will provide Valley Com with a procedure for requesting service for both during normal working hours and after-hours service. The County may establish different labor rates for service performed during normal working hours and after hours. This difference shall be based on the County's actual costs incurred for the service.

iv. Repairs will be made as soon as possible based on existing work priorities.

In all cases, repair work shall take priority over other installation or routine maintenance activities. KCRCS agrees to notify Valley Com of the estimated time to repair once the nature of the malfunction being reported has been identified. If the time required identifying the malfunction or if the response time will be greater than four (4) hours, KCRCS shall notify Valley Com of the delayed repair response and shall provide an estimate of the time required for resolution. Should the resolution take more than 24 hours, KCRCS shall notify Valley Com in writing of the nature of the problem, the reason for the delay in repair, and the estimated time to repair unless written communications are impracticable due to the scale of an emergency situation.

v. KCRCS shall notify Valley Com of any repair work on the system affecting more than one channel impacting Valley Com. This notification may be by voice, email, or other expedient means of communications. Notice shall be made to the Valley Com Technical Services Manager or designee. The notification shall contain the following information: date, time, nature, and estimated duration of the service to be performed, sites affected, channels affected, name of technician responsible and contact telephone number.

vi. Service work may include incidental parts and shop supplies as well as labor. The County shall perform this work by submitting the parts or equipment to the manufacturer for repair, repairing it itself, returning the parts or equipment to Valley Com, or

discarding them based on specific instructions from Valley Com on a per item basis. The third party cost of any repair work done or parts provided by KCRCS shall be approved by Valley Com prior to KCRCS incurring any cost. KCRCS may at its option apply its standard administrative fees to the parts or third-party repair cost to cover handling. The County will not begin any repair if the estimated time and materials charges exceed \$2,500 for a single repair, unless the repair has first been approved in writing by Valley Com. If the initial estimate was less than \$2,500 but, during the course of the repair, KCRCS becomes aware that the repair will exceed the \$2,500 limit, KCRCS will notify Valley Com as soon as possible to obtain approval to continue with the repair.

vii. KCRCS shall maintain the equipment to the manufacturer's specifications, local system wide maintenance procedures, or industry standard specifications, unless specifically exempted in writing by Valley Com. If KCRCS determines that it cannot maintain the equipment to this level without incurring significantly greater costs than are usual and customary, KCRCS agrees to notify Valley Com. Valley Com will notify the County, on a per item basis, if it wants the County to a) proceed with maintenance, b) wishes the parts or equipment returned to it, or c) authorizes the County to discard the item.

viii. KCRCS shall perform preventative maintenance on the KC/VC Sub-System on no less than an annual basis. This Review shall include measuring the parameter; verifying that the parameter is within acceptable limits; and making adjustments if the parameter is outside recommended limits, subject to the other provisions of this Agreement. At a minimum, the County shall document the review by making before and after readings for the following parameters on the equipment listed below:

- **800 MHz base station**

- Power output
- Receiver sensitivity
- Squelch settings
- Proper voting action

- **Microwave RF equipment**

- Received signal levels
- Local oscillator frequency
- Transmitter output power measured at the test port.

ix. If the measured parameter is not adjustable or cannot be adjusted within manufacturer or industry standards, KCRCS will notify Valley Com that a repair is required.

x. KCRCS shall provide programming and configuration services as required to maintain all the equipment covered by this Agreement, except that work driven by upgrade projects of Valley Com requested changes will be billed on the KCRCS Infrastructure hourly rate. This will include maintaining a softcopy of all programming information in KCRCS files and providing a copy to Valley Com when requested. This does not include any special software required to read or actually program the equipment.

xi. KCRCS shall maintain and provide to Valley Com channel bank programming information, including all timeslot and cross connect information when requested.

xii. KCRCS shall perform any console database or console programming required because of County regional system requirements within the scope of this document on a time and material basis at its then current Infrastructure hourly rates for such services.

c. Expenses.

- i. KCRCS and Valley Com agree to annually negotiate the fee for KCRCS providing the services described herein. KCRCS shall provide Valley Com the basis for determining the charges, the hourly rates and personnel to be assigned to Valley Com maintenance activities, and a work plan for the preventative maintenance outlined herein. This negotiation shall begin in May of the year preceding work and conclude at the point when KCRCS submits its budget for the coming year, typically in mid-July. These rates will be based on KCRCS's costs to perform the work. Once mutually agreed to, expenses for the Service Agreement will be split on a 70/30% basis between County and Valley Com (based on the ownership matrix in Attachment 1).
- ii. Valley Com shall have the right to request an immediate suspension of maintenance activities during times when an emergency public safety response condition exists in its service area so as not to risk losing critical public safety communications during such an emergency event. KCRCS shall have the right to immediately suspend maintenance activities during any emergency public safety response conditions that may exist within their service area. KCRCS shall notify Valley Com's Technical Services Manager or designated representative.
- iii. Valley Com shall have the right to request certain KCRCS personnel not perform maintenance on its equipment or on its property for just cause.
- iv. Valley Com shall provide KCRCS with a written list of people authorized to request services and expenditures on Valley Com's behalf.
- v. Valley Com shall maintain the Cambridge radio site facility infrastructure at a level that does not adversely affect the service life or reliability of the KC/VC equipment housed inside the building.

vi. Valley Com agrees to notify KCRCS as soon as possible of conditions requiring a maintenance response from KCRCS and agrees to cooperate in facilitating the repair.

vii. Valley Com agrees to provide timely technical support for any interfaces or equipment it is responsible for, if needed to assist KCRCS in their maintenance activities.

viii. Valley Com agrees to keep the software/firmware revision levels the same as the standards used on the County portions of the equipment and agrees to either pay for these upgrades directly or through a cost reimbursement process through KCRCS.

V. INVOICING.

County agrees to invoice Valley Com within 30 calendar days of the completion of Work. The County may invoice Valley Com in phases for partial work completed. Invoices will contain, at a minimum: date work was begun, site, who requested the service or whether the work was scheduled maintenance, description of the work, description of equipment affected, description of service rendered, list of parts replaced, and time spend on the repair. Valley Com shall pay invoices received from KCRCS within 30 calendar days receiving a complete invoice from KCRCS.

VI. REQUESTS AND NOTICES.

a. All requests by Valley Com, whether in writing or in other form specified in this Agreement, shall be made by Valley Com's Technical Services Manager, or the Manager's designees. If Valley Com wants to designate a person to act for its Technical Services Manager, it shall first notify the County of the designated in writing.

b. All requests by the County, whether in writing or in other form specified in this Agreement, shall be made by KCRCS Manager or the Manager's designees. If the County wants

to designate a person to act for its KCRCs Manager, it shall first notify Valley Com of the designation in writing.

c. All notices to Valley Com, whether in writing or in other form specified in this Agreement, shall be made to Valley Com's Technical Services Manager, or the Manager's designees, at the following:

Address: 27519 108 Ave SE, Kent, WA 98030

E-mail: kristinm@valleycom.org

Facsimile: 253-372-1305

Telephone: 253-372-1512

d. All notices to County, whether in writing or in other form specified in this Agreement, shall be made to King County's Radio Communication Services Manager, or the Manager's designees, at the following:

Address: 6452 South 144th Street

E-mail: david.mendel@kingcounty.gov

Facsimile: 206-205-1375

Telephone: 206-205-8191

VII. DURATION/TERMINATION.

This Agreement shall be in effect from the date of execution until July 1, 2019, unless the Agreement is terminated earlier if:

- a. Termination for Convenience.
 - i. either party giving the other party ninety (90) calendar days written notice that it wishes to terminate the Agreement; or

ii. the parties fail to reach Agreement on an annual budget for the service for the next year.

b. Termination for Non-Appropriation.

i. either party fails to authorize appropriations necessary by December 31, for the next year, to meet its obligations under this Agreement..

VIII. INDEMNIFICATION AND HOLD HARMLESS.

Valley Com and County agree to defend, indemnify and hold harmless each other, their respective officials, agents and employees, from and against any and all claims, damages, injuries, liabilities, actions, fines, penalties, costs and expenses (including reasonable attorney fees) that arise out of or are related to the negligent acts or omissions of the indemnifying party (and its officials, agents, employees acting within the course and scope of their employment) in the performance of said party's obligations under this Agreement or the exercise of a party's rights and privileges under this Agreement. In the event any such liability arises from the concurrent negligence of the indemnifying party and the other party, the indemnity obligation of this section shall apply only to the extent of the negligence of the indemnifying party and its actors. The foregoing provisions specifically and expressly intend to constitute a waiver of each party's immunity under industrial insurance, Title 51 RCW, as respects the other party only, and only to the extent necessary to provide the indemnified party with a full and complete indemnity of claims made by the indemnitor's employees. This waiver has been mutually negotiated.

IX. LIMITATION OF LIABILITY.

Neither party shall be liable to the other for any indirect, incidental, special or consequential damages, including, but not limited to, lost data or profits and service interruption, however arising, even if it has been advised of the possibility of such damages.

X. INSURANCE.

County.

During the term of this Agreement, King County shall maintain 1) Commercial General Liability insurance with limits of not less than \$1 million, combined single limit per occurrence, and \$2 million in the aggregate; 2) Statutory Workers Compensation coverage; and, 3) Stop Gap/Employers Liability in the amount of \$1 million. Participation in a governmental self insured risk pool or program shall satisfy the aforementioned insurance requirements. Prior to beginning work under this Agreement, King County shall provide Valley Com with a certification of self insurance evidencing such coverage.

Valley Com.

During the term of this Agreement, Valley Com shall maintain 1) Commercial General Liability insurance with limits of not less than \$1 million, combined single limit per occurrence, and \$2 million in the aggregate; 2) Statutory Workers Compensation coverage; and, 3) Stop Gap/Employers Liability in the amount of \$1 million. Participation in a governmental self insured risk pool or program will satisfy the aforementioned insurance requirements. Prior to beginning work under this Agreement, Valley Com shall provide County with a certificate of insurance evidencing such coverage.

XI. DISPUTE RESOLUTION.

Nothing in this subsection precludes any party from seeking relief at any time from King County Superior Court or the U.S. District Court for the Western District of Washington, in Seattle, Washington. Should a dispute arise between County and Valley Com under this Agreement, or otherwise, concerning the South Loop Microwave project or the service provided by County under this Agreement, then County and Valley Com will resolve the dispute through good faith

negotiations prior to pursuing litigation. Should the parties be unable to resolve a dispute, then the dispute will be submitted to the chair of the Valley Com administrative board and the County Chief Information Officer. Those two individuals shall meet and attempt to negotiate a resolution of the dispute. If the parties are still unable to reach Agreement then they may, by mutual Agreement, mediate or arbitrate the dispute, or either party may exercise its right under section V to terminate the Agreement. Costs of any mediation or arbitration shall be borne equally by the parties.

Should a dispute arise between County and Valley Com under this Agreement, or otherwise, concerning the South Loop Microwave project or the service provided by County under this Agreement, then County and Valley Com will resolve the dispute through good faith negotiations prior to pursuing litigation. Should the parties be unable to resolve a dispute, then the dispute will be submitted to the chair of the Valley Com administrative board and the King County Chief Information Officer. Those two individuals shall meet and attempt to negotiate a resolution of the dispute. If the parties are still unable to reach Agreement then they may, by mutual Agreement, mediate or arbitrate the dispute, or either party may exercise its right under section V to terminate the Agreement. Costs of any mediation or arbitration shall be borne equally by the parties.

XII. INTEGRATION.

This Agreement consists of a single integrated contract expressing the entire Agreement of the parties hereto. There have been no other representations or Agreements, whether oral or written, in regards to this Agreement or its subject matter.

XIII. AMENDMENT.

This Agreement may not be amended, altered or modified except by a written instrument executed by the parties hereto.

XIV. SEVERABILITY.

If any provision of this Agreement shall be determined to be unenforceable, then the other sections of this Agreement shall remain in full force and effect unless the severed portion of the Agreement is so material to the Agreement that the intent of the Agreement can no longer be accomplished.

XV. COUNTERPARTS.

This Agreement may be signed in counterparts, each of which shall be an original, but all of which together shall constitute the same instrument.

XVI. AUTHORIZATION

This Agreement has been authorized by County Ordinance No. _____ and by action of the Valley Com Administration Board on April 3, 2009.

ATTACHMENT 1

RADIO SITE OWNERSHIP MATRIX

Site	King County Ownership		Valley Com Ownership		Other
	Trunked Radio System Repeaters	Southloop Microwave Radios	Trunked Radio System Repeaters	Southloop Microwave Radios	
Cambridge	0/24	0/2	24/24	2/2	Prime Site Equip. KC 67%/VC 33%
Skyway	0/24	0/2	24/24	2/2	
McDonald Mtn.	0/14	0/5	14/14	5/5	
Valley Com	0/0	0/2	0/0	2/2	
Squak Mtn.	24/24	5/6	0/24	1/6	
Federal Way	24/24	2/4	0/24	2/4	
View Park	24/24	2/2	0/24	0/2	
Crista	24/24	2/2	0/24	0/2	
Ring Hill	24/24	2/2	0/24	0/2	
Rattlesnake Mtn.	24/24	2/2	0/24	0/2	
Snoqualmie Ridge	5/5	0/0	0/5	0/0	
Sobieski Mtn.	5/5	1/1	0/5	0/1	
RCECC	0/0	1/2	0/1	1/2	
Horizon Hill	0/0	2/2	0/0	0/2	
Capital Hill	0/0	2/2	0/0	0/2	
Grass Mtn.	7/7	1/1	0/7	0/1	
KCCH	8/8	1/1	0/5	0/1	
Island Crossing	0/0	1/1	0/0	0/1	
Top Hat	0/0	0/1	0/0	1/1	

ATTACHMENT 2

Site: Cambridge

- 1) RF Equipment:
 - a) All regional trunked system 800 MHz base stations and cabling.
 - b) All 800 MHz transmit combining equipment and cabling.
 - c) All 800 MHz receive combining and tower top amplifier equipment and inside cabling.
 - d) All 800 MHz GPS based high-stability oscillators and distribution amplifiers and cabling.
- 2) Audio Transport Equipment:
 - a) All channel banks and associated cards that are a part of the microwave network.
 - b) All simulcast control and distribution equipment including simulcast distribution amplifiers and USCI's.
 - c) All patch panels, associated cables and other cables.
- 3) Trunking System Control Equipment:
 - a) Main and standby prime site controllers and associated cards.
 - b) T-bar switch and cabling.
 - c) Remote site controller and associated cards.
 - d) Modems and associated cables and equipment.
 - e) All patch panels, associated cables, and other cables.
- 4) Microwave Equipment:
 - a) All microwave equipment and related channel banks in the microwave network.
- 5) Equipment Excluded:
 - a) MDT associated control and RF equipment.
 - b) Alpha-numeric and tone and voice paging base stations and controllers.
 - c) External antennas, transmission line, and Polyphasers located at entrance panel.
 - d) Site infrastructure such as shelter, HVAC, tower, generator, AC power, etc.
 - e) Microwave air line dehydrators and manifolds.
 - f) All the site alarm and control equipment including cabling and sensors.
 - g) DC Power Equipment.

Site: Skyway

- 1) RF Equipment:
 - a) All regional trunked system 800 MHz base stations and cabling.
 - b) All 800 MHz transmit combining equipment and cabling.
 - c) All 800 MHz receive combining and tower top amplifier equipment and inside cabling.
 - d) All 800 MHz GPS based high-stability oscillators and distribution amplifiers and cabling.

- 2) Audio Transport Equipment:
 - a) All channel banks and associated cards that are a part of the microwave network.
 - b) All simulcast control and distribution equipment.
 - c) All patch panels, associated cables and other cables.

- 3) Trunking System Control Equipment:
 - a) Remote site controller and associated cards.
 - b) Modems and associated cables and equipment.
 - c) All patch panels, associated cables, and other cables.

- 4) Microwave Equipment:
 - a) All microwave equipment and related channel banks in the microwave network.

- 5) Equipment Excluded:
 - a) MDT associated control and RF equipment.
 - b) Alpha-numeric and tone and voice paging base stations and controllers.
 - c) External antennas, transmission line, and Polyphasers located at entrance panel.
 - d) Site infrastructure such as shelter, HVAC, tower, generator, AC power, etc.
 - e) Microwave air line dehydrators and manifolds.
 - f) All the site alarm and control equipment including cabling and sensors.
 - g) DC Power Equipment.

Site: McDonald

- 1) RF Equipment:
 - a) All regional trunked system 800 MHz base stations and cabling.
 - b) All 800 MHz transmit combining equipment and cabling.
 - c) All 800 MHz receive combining and tower top amplifier equipment and inside cabling.
 - d) All 800 MHz GPS based high-stability oscillators and distribution amplifiers and cabling.

- 2) Audio Transport Equipment:
 - a) All channel banks and associated cards that are part of the microwave network.
 - b) All simulcast control and distribution equipment.
 - c) All patch panels, associated cables and other cables.

- 3) Trunking System Control Equipment:
 - a) All patch panels, associated cables, and other cables.

- 4) Microwave Equipment:
 - a) All microwave equipment and related channel banks in the microwave network.

- 5) Equipment Excluded:
 - a) Alpha-numeric and tone and voice paging base stations and controllers.
 - b) External antennas, transmission line, and Polyphasers located at the entrance panel.
 - c) Site infrastructure such as HVAC, tower, generator, AC power, etc.
 - d) Microwave air line dehydrators and manifolds.
 - e) All the site alarm and control equipment including cabling and sensors.
 - f) DC Power Equipment.

Site: Valley Com Dispatch Center

- 1) Microwave Equipment:
 - a) All microwave equipment and related channel banks in the microwave network.
- 2) Audio Transport Equipment:
 - a) All channel banks and associated cards that are a part of the microwave network.
 - b) All patch panels, associated cables and other cables.
- 3) Miscellaneous Items:
 - a) All 800 MHz System Manager Terminals.
- 4) Equipment Excluded:
 - a) External antennas, transmission line, and Polyphasers located at the entrance panel.
 - b) VHF simulcast control equipment.
 - c) Microwave air line dehydrators and manifolds.
 - d) All logging recorder receivers.
 - e) Logging recorder receiver multicoupler and RF connections.
 - f) Logging receiver audio interfaces not including the audio logging recorder itself.
 - g) All radios and accessories located at the console positions.
 - h) MARS, LERN, and RED-NET VHF base stations.
 - i) All CEB equipment, ADC panels, punch down blocks, and system interconnections.
 - j) All CIE electronics and system interconnections.
 - k) Headset jacks, interconnection cabling, telephone interface cabling, foot switches, aux I/O port, and other ancillary equipment.
 - l) PCs and monitors are excluded.
 - m) All Zetron Model 25 alphanumeric paging encoders.
 - n) Any equipment not specifically listed above.