



City of Longview

1525 Broadway
Longview, WA 98632
www.ci.longview.wa.us

Agenda - Special Meeting

City Council

Mayor Don Jensen
Council Member Ken Botero
Council Member Chet Makinster
Council Member Mary Jane Melink
Council Member Steve Moon
Council Member Scott Vydra
Mayor Pro Tem Michael Wallin

Thursday, February 11, 2016

6:00 PM

2nd Floor, City Hall

NOTICE IS HEREBY GIVEN, in accordance with RCW Chapter 42.30, that the City Council of the City of Longview, Washington, will conduct a workshop session in the Longview City Hall Training Room, 1525 Broadway, Longview, on Thursday, February 11, at 6:00 p.m. The topics of discussion follow. Final disposition shall be taken on no other matter.

The City Hall is accessible for persons with disabilities. Special equipment to assist the hearing impaired is also available. Please contact the City Executive Offices at 360.442.5004 48 hours in advance if you require special accommodations to attend the meeting.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **CHANGES TO THE AGENDA**
4. **CITY MANAGER'S REPORT**

[16-4229](#) **COWLITZ COUNTY RADIO SYSTEM**

COUNCIL STRATEGIC INITIATIVE ADDRESSED:
Enhance public safety and emergency response

CITY ATTORNEY REVIEW: REQUIRED

SUMMARY STATEMENT:

Over the last eighteen months, Cowlitz County Fire District #5 (Kalama) has pursued improvements in radio communications within the jurisdictional territory of CCFD #5 and CCFD #1 (Rural Woodland). During their exploration for a solution they evaluated the current backbone of Cowlitz County's radio system and discovered a number of previously unknown infrastructure problems. As a result of these identified problems, a solution was developed

that included securing grant funding from FEMA's Port Security Grant Program.

CCFD #5 and #1 funded the grant's 25% required match of \$450,000. The grant provided funding to develop improvements to the backbone system, which ended up being a NXDN 6.25 Digital Radio System. While it was not part of the initial focus of these improvements, the City of Longview ended up with excellent digital radio system coverage.

While this project was being implemented, the Longview Police Department was also working on improving radio coverage, especially for portable radio communications in areas of the City where it was noted nearly zero coverage; specifically St. John Medical Center, the Longview Police Department, Longview Public School buildings and other locations with similar building types. As part of LPD's exploration for solutions, Cascade Networks made LPD aware of the CCFD #5 project and testing with portable radios began at those problem locations; the result of this testing showed good to excellent coverage at all locations.

Longview Fire and Police Departments conducted further testing in locations such as engine rooms of ships, deep inside industrial work environments, known shadow areas of terrain; once again, the results were surprisingly positive.

The challenge to transferring completely to this new system is our current radio equipment. Longview Police portable radios are approximately three years old and all other radios are at least eight years old. Longview Fire radios are more than ten years old. In addition, they are not digital compatible. Replacement of all radios currently in-service for the fire and police department will cost up to \$160,520 (see chart below). The new radios that we are proposing to purchase are compatible with digital, analog, P25 Phase 1 and trunked radio systems; a complex type of computer-controlled, two-way radio system that allows sharing of relatively few radio frequency channels among a group of users.

The new digital radio system (CCFD #5) work is in the final stages of development and will go live as Cowlitz County Fire District #5 and Cowlitz County work through upgrades at the Rainier Hill tower location.

RECOMMENDED ACTION:

Discussion

Attachments: [Radio Presentation 2112016](#)

5. ADJOURNMENT

*** Any invocation that may be offered at the Council meeting shall be the voluntary offering of a private citizen, to and for the benefit of the Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the Council, and the Council does not endorse the religious beliefs or views of this, or any other speaker.**

NEXT REGULAR COUNCIL MEETINGS:

THURSDAY, FEBRUARY 25, 2016

THURSDAY, MARCH 10, 2016

NEXT COUNCIL WORKSHOPS:

THURSDAY, FEBRUARY 18, 2016

THURSDAY, MARCH 3, 2016