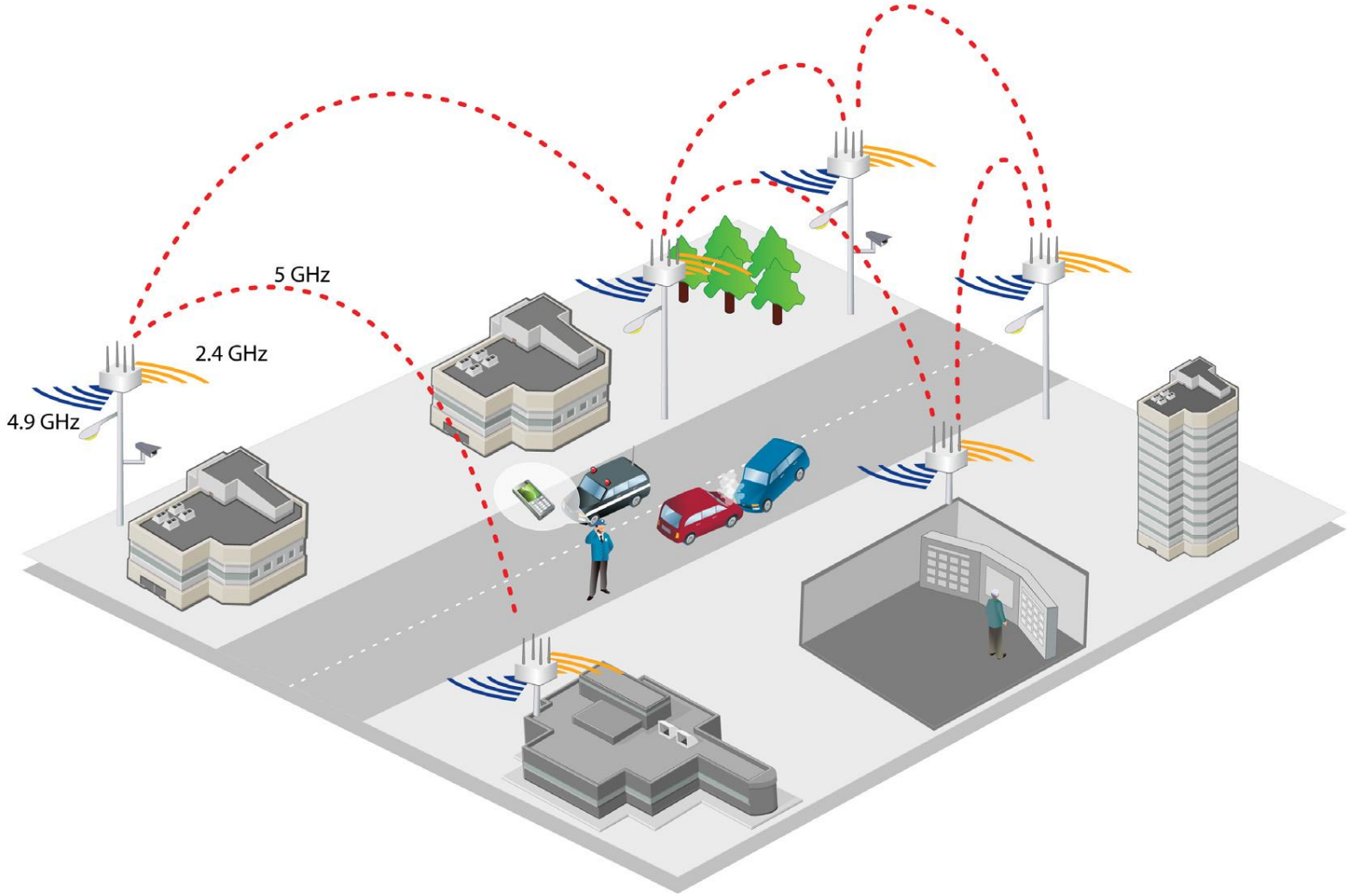
City of Seattle
Port Security Mesh Network

Detective Monty Moss
Seattle Police Department

What is a Mesh Network?



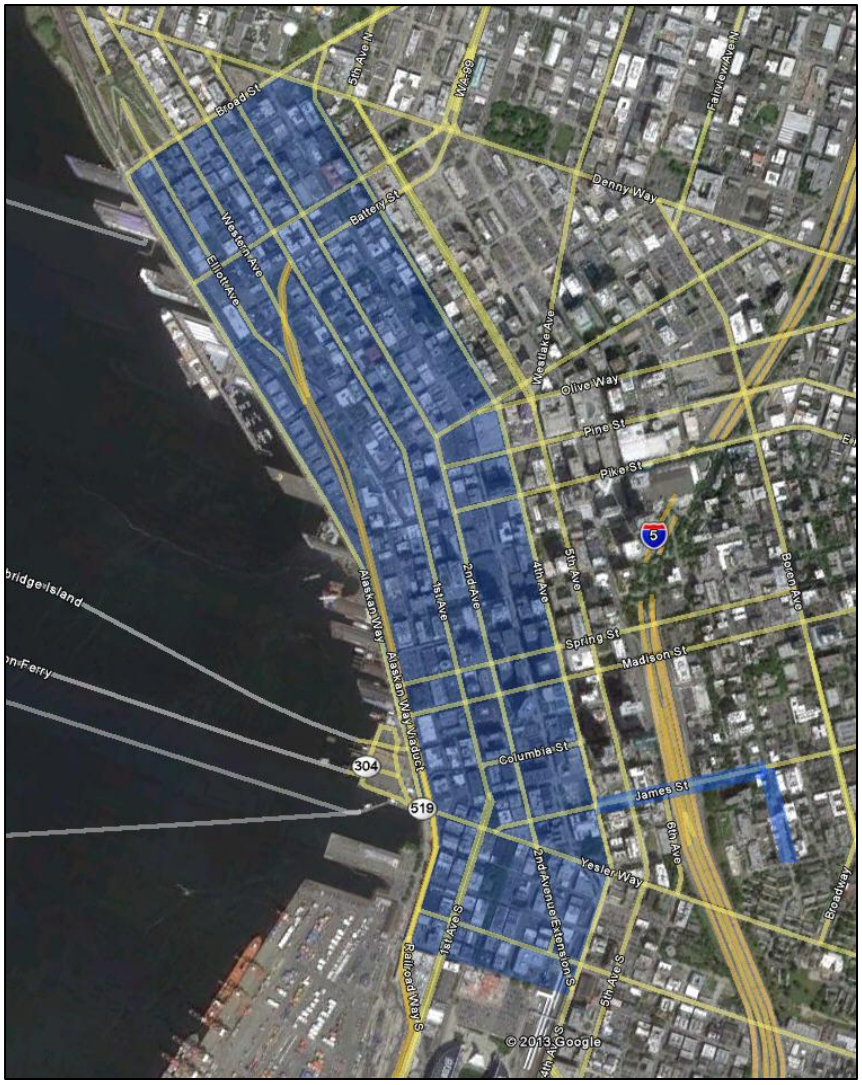
History

- Proof of concept projects in 2009:
  - Gasworks Park 4th of July and Seattle Center New Year's Eve
- Grant applications and awards
- Partnerships:
  - Seattle Fire
  - Seattle Department of Transportation
  - City Light
  - King County Metro

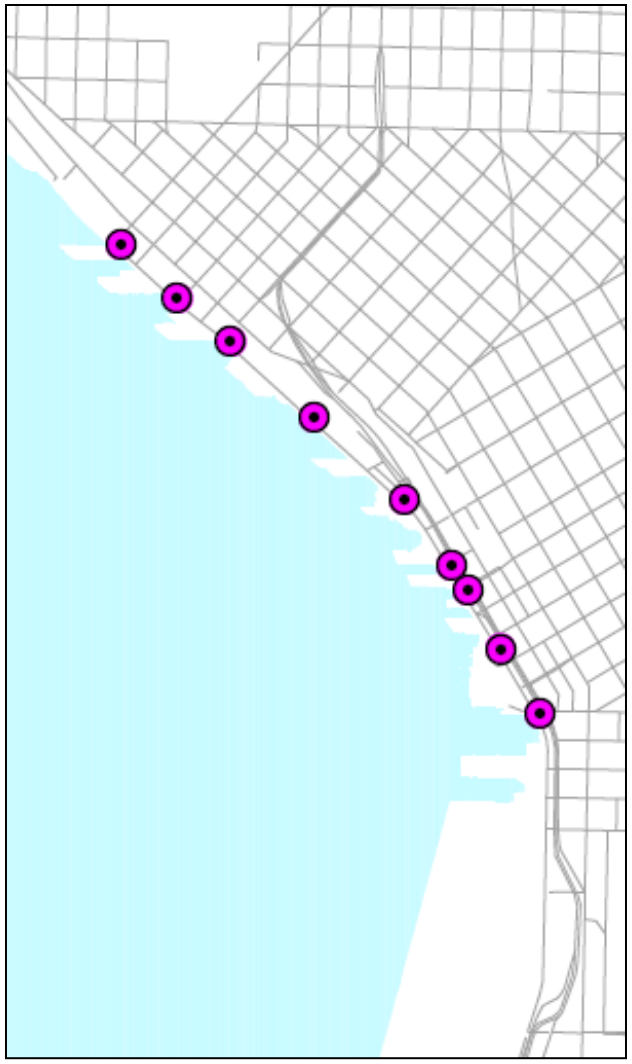
Port Security Mesh Network

- Grant applications began in 2010
- Port Security grant awarded in November 2011
- RFP bid process ended with contract award in May 2012
- Approximately 160 wireless access points
- Approximately 30 cameras for Seattle waterfront
- Installation to be completed by end of March 2013
- Multi-department steering group established and are designing system use policies

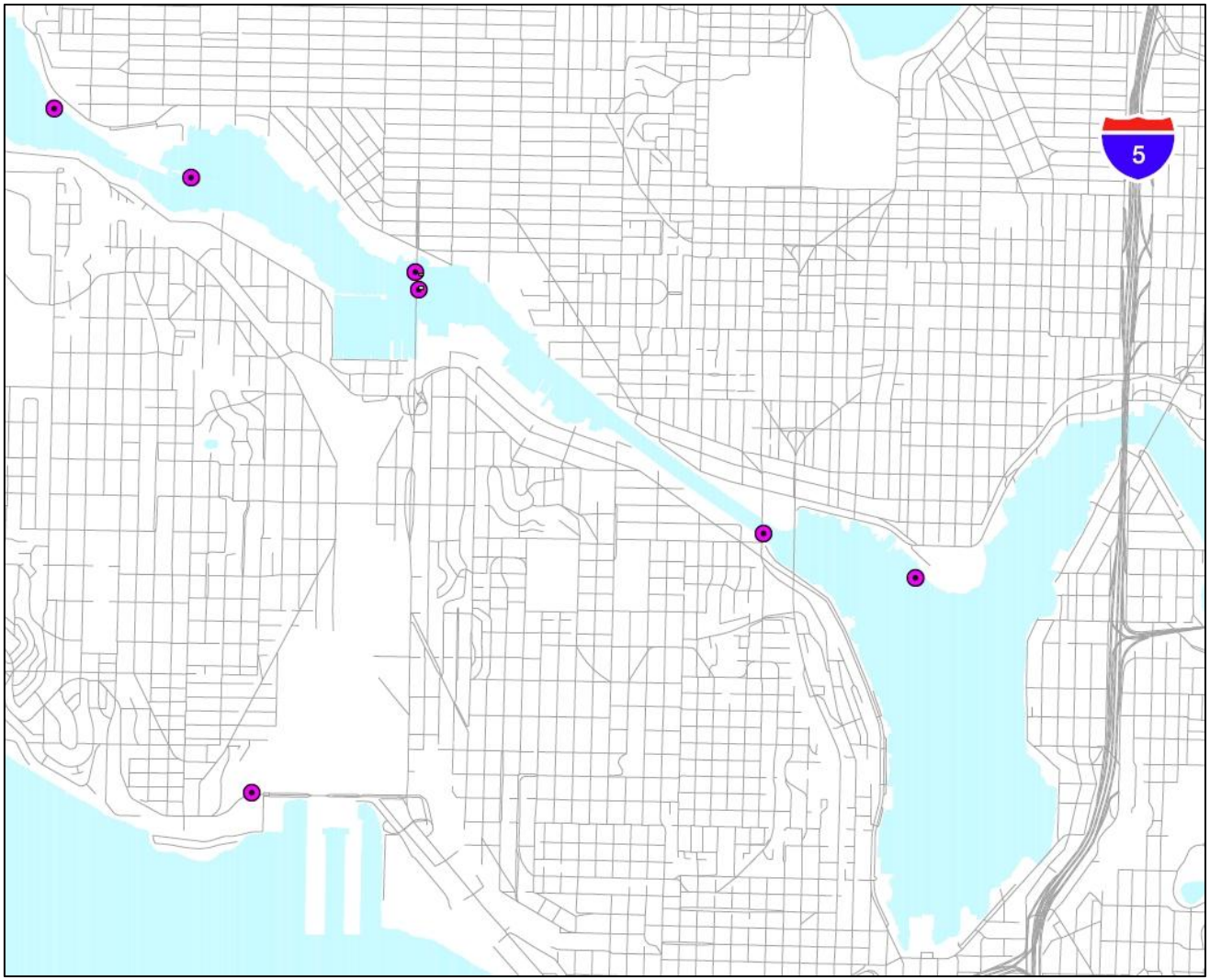
Downtown Mesh Network Coverage Area



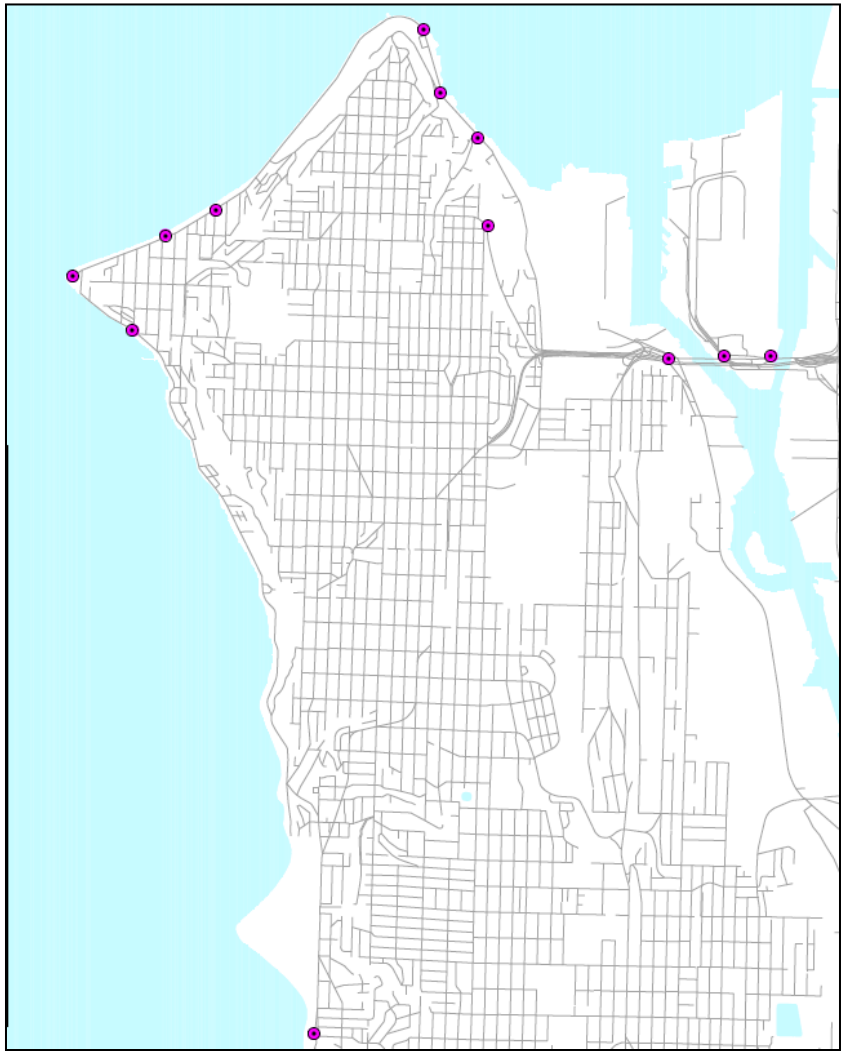
Downtown Camera Locations



North Seattle Camera Locations with Shilshole Site to be Determined

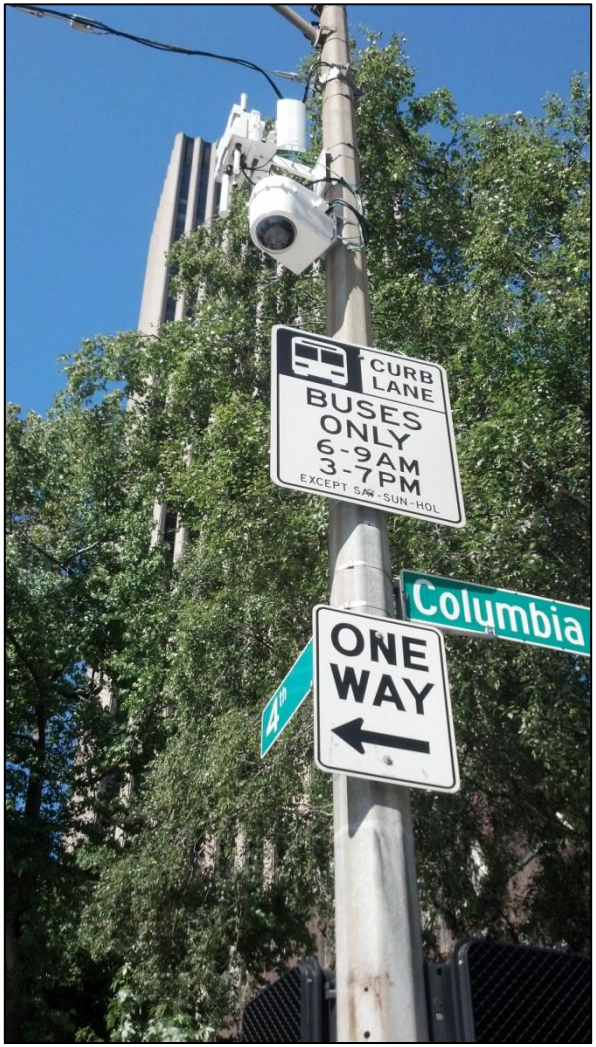


West Seattle Camera Locations



Privacy Masking Demonstration

Similar System: Columbia Center



Similar System: Chinatown ID

Network Partners: SDOT and KC Metro

Network Partner: Seattle Fire

Questions?