

CITY OF PHILADELPHIA,

PENNSYLVANIA

EMERGENCY 9-1-1

2008 TRIENNIAL PLAN

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TABLE OF CONTENTS

Table of Contents

1. Letter of Transmittal/Resolution.

- 1.1. Letter of Transmittal.
- 1.2. Resolution.

2. Executive Summary.

- 2.1. Introduction: General 9-1-1 Service.
- 2.2. The City/County 9-1-1 System.
- 2.3. Staffing.
- 2.4. Proposed Upgrades and Future Plans and Needs.

3. Regulatory Requirements.

- 3.1. City/County Coordinator.
- 3.2. Inter-Agency/Inter-City/County Agreements/Mutual Aid Agreements.
- 3.3. Explanation of Modifications/Changes to Original Plan.
- 3.4. Compliance with Pennsylvania Code Requirements.
- 3.5. List of Participating Agencies (Police, Fire, EMS.)
- 3.6. List of Additional Agencies Served.
- 3.7. Special Considerations.

4. Geographic.

- 4.1. Population Density.
- 4.2. Major Transportation Routes and Municipalities within the County, Neighboring Counties and State
- 4.3. Wireline Telephone Service Areas, Central Office Boundaries &/or Wire Center Boundaries
- 4.4. Wireless Service Provider Areas/ Cell Tower Locations

5. Personnel.

- 5.1. Organizational Structure.
- 5.2. List of Positions.
- 5.3. Salary/Benefit Information.
- 5.4. Staffing Levels.

6. Training Requirements/Training Policies.

- 6.1. Training Requirements/Training Policies.
- 6.2. Quality Assurance Program.

7. Technical.

- 7.1. Diagrams.
 - 7.1.1. Description of Current Addressing (MSAG.)
 - 7.1.2. List of Access Line Summaries.
 - 7.1.3. List of Counties and Facilities Connected to PSAP by Tie Lines.
 - 7.1.4. List of Participating Telephone Companies.
 - 7.1.5. Trunking Requirements.
 - 7.1.6. Call Volume and 9-1-1 Call Breakdown
- 7.2. Radio.
 - 7.2.1. Description of Radio System.
 - 7.2.2. FCC Licenses

8. Financial Information.

- 8.1. Triennial Audit Balance Sheet from the most current Audit.
- 8.2. Copies of contracts, agreements, receipts for equipment
- 8.3. City/County 9-1-1 Financial Information.

9. Miscellaneous, Appendices & Attachments.

- 9.1. Diagram of PSAP.
- 9.2. Supplemental Information.

1. LETTER OF TRANSMITTAL & RESOLUTION

1.1 Letter of Transmittal

[Letterhead of Department of Public Property]

Director Robert P. French
Pennsylvania Emergency Management Agency
2605 Interstate Drive
Harrisburg, Pennsylvania 17110

(DATE)

Dear Director French:

The Department of Public Property of the City of Philadelphia is pleased to present to you the City's updated plan to provide 9-1-1 emergency communications planning to protect its citizens in the event of an emergency.

This three-year plan was developed in accordance with:

1. Federal Communications Commission (FCC) Order 01-293 (Docket 94-102)
2. Public Safety Emergency Telephone Act, 35 P.S. §§ 7011, et seq., as amended.

Our paramount concern for the development and implementation of this plan is for the health, safety, and welfare of our citizens.

Therefore, following review of this City of Philadelphia, Pennsylvania Emergency 9-1-1 2008 Triennial Plan, the City Council adopted a resolution approving it as the City's official Amended 9-1-1 Plan and authorizing the Department of Public Property to submit it to the Pennsylvania Emergency Management Agency.

Sincerely,

Joan Schlotterbeck
Commissioner

Frank Punzo
Deputy Commissioner and
9-1-1 Coordinator

1.2 Resolution

RESOLUTION

Approving the City of Philadelphia, Pennsylvania Emergency 9-1-1 2008 Triennial Plan as an amendment to the City's 9-1-1 Plan, and authorizing the Commissioner of Public Property, on behalf of the City of Philadelphia, to submit such amended 9-1-1 Plan to the Pennsylvania Emergency Management Agency for review and approval, as required by the Pennsylvania Public Safety Emergency Telephone Act.

WHEREAS, Bill No. 101 (approved June 22, 1992) established an Emergency Number 9-1-1 contribution rate of \$1.00 per telephone line as authorized by the Pennsylvania Public Safety Emergency Telephone Act, Act of July 9, 1990, P.L. 340 No. 78, as amended ("Act 78"), and authorized the Managing Director or his designee to take all action necessary to receive state agency approval, including submitting for review the City's 9-1-1 Plan; and

WHEREAS, the Commonwealth of Pennsylvania Department of Community Affairs subsequently approved the City's original 9-1-1 Plan; and

WHEREAS, the City last submitted an amended 9-1-1 Plan to the Pennsylvania Emergency Management Agency ("PEMA") for approval in April, 2005, and PEMA approved such 9-1-1 Plan; and

WHEREAS, updating and expanding the City's 9-1-1 system requires a newly amended 9-1-1 Plan to be filed with PEMA; and

WHEREAS, as required by Act 78, the Department of Public Property Communications Division has prepared an amended 9-1-1 Plan attached hereto as Exhibit "A" to be submitted by the City to PEMA in order to ensure continued compliance with Act 78; and

WHEREAS, Act 78 requires that the amended 9-1-1 Plan be approved by City Council by resolution before it may be submitted to PEMA for approval; now, therefore,

RESOLVED, BY THE COUNCIL OF THE CITY OF PHILADELPHIA,

THAT City Council hereby approves the City of Philadelphia, Pennsylvania Emergency 9-1-1 2008 Triennial Plan (the "Amended 9-1-1 Plan") attached hereto as Exhibit "A", including the continued assessment of the Pennsylvania Public Utility Commission approved \$1.00 surcharge for the purpose of defraying the costs associated with the operation, maintenance, and administration of the City's 9-1-1 System.

RESOLVED FURTHER THAT Frank G. Punzo, Deputy Commissioner of the Department of Public Property, is appointed the City of Philadelphia's 9-1-1 Coordinator, and the Commissioner of the Department of Public Property or her designee shall submit the Amended 9-1-1 Plan attached hereto as Exhibit "A" to the Pennsylvania Emergency Management Agency for review and approval, with copies thereof to be sent to those telephone companies affected by the Amended 9-1-1 Plan.

RESOLVED FURTHER THAT the Chief Clerk shall keep on file and available for public inspection a copy of the above-referenced Exhibit "A."

2. EXECUTIVE SUMMARY

2.1. Introduction: General 9-1-1 Service

The City of Philadelphia is located in the Southeastern section of the Commonwealth of Pennsylvania, surrounded by the counties of Delaware, Chester, Montgomery and Bucks, as well as the State of New Jersey's Camden, Burlington and Gloucester Counties. The City covers an area of 142.6 square miles of which 135.1 is land and 7.6 square miles is water and is home to a population of approximately 1,517,550. The City of Philadelphia is its own County. There are 2,180 miles of city streets, 35 miles of Fairmont Park roads and 360 miles of state highways.

The City's primary PSAP handles approximately eight thousand two hundred sixteen (8,216) 9-1-1 calls per day. The City of Philadelphia 9-1-1 System must support the ability to deliver emergency services to various industrial sites, major institutions including hospitals, schools, in addition to delivering emergency services to various industrial sites, public water treatment facilities, a freight rail system and an extensive regional transportation network encompassing two (2) major airports, Philadelphia International Airport and the Northeast Philadelphia Airport, Southeastern Pennsylvania Transportation Authority (SEPTA), a regional commuter rail system, subway system, and local, regional and interstate bus terminals. In 1992, the Department of Community Affairs approved the County's original 9-1-1 Plan, including earlier Public Utility Commission approval of \$1.00.

The tremendous growth of cellular telephone use over the past decade has placed new demands on every emergency communications center that receives 9-1-1 calls. According to the Cellular Telecommunications Industry Association (CTIA), there are more than 162 million cellular phones in use in today. Growth appears to continue to be sustained at double digit rates. Many people have multiple wireless units with one for work and one for personal use. With this growth in subscribers has come a corresponding growth in wireless 9-1-1 calls for emergency services.

Currently, CTIA reports that over 200,000 wireless calls are placed to 9-1-1 each day nationwide. This growth in wireless has caused a gap in the performance of the serving technology because the entire infrastructure was established for wireline calls, not wireless. Communications centers were not equipped to receive enhanced information from these calls and the wireless industry did not know where or how to route these calls. In many states throughout the country, these calls were routed to the State Police offices. This appeared to be the most appropriate agency to handle cellular 9-1-1 calls because most wireless 9-1-1 calls were for help along the roadways. However, there was no provision of Automatic Number Identification (ANI) or Automatic Location Information (ALI).

As the demand for car phones began to grow, the cellular industry began to market wireless devices for personal safety. Safety quickly became one of the major reasons to purchase a cellular phone, and these types of sales represented 79 percent of annual sales. Still, most wireless 9-1-1 callers did not realize that the only way emergency services providers could find them was if they knew their location. Statistics indicate that over 30 percent of wireless 9-1-1 callers do not know their exact location. With over 72 million calls per year, this is nearly 21 million 9-1-1 calls where 9-1-1 call-takers and dispatchers will have to locate where callers may be. These calls are creating tremendous budget and resource demands on 9-1-1 centers. In addition, wireless 9-1-1 calls take much more time to get the necessary help on scene. Far too often these situations end tragically because of dropped calls with no ANI or ALI or simply the inability to locate the caller in time.

Prompted by the support and urging of the public safety community and associations affiliated with it, primarily the National Emergency Number Association (NENA) and the Association of Public-Safety Communications Officials (APCO), along with wireless carriers, the Federal Communications Commission (FCC) issued a mandate to provide wireless E9-1-1 services nationwide.

The FCC published Report and Order Docket 94-102 in 1996 that outlined a two-phase plan to implement wireless E9-1-1 service. With Phase I, the PSAP receives the caller's call-back number and the address of the tower that took the call. With Phase II, the PSAP receives the caller's call-back number and the caller's location, provided in latitude and longitude. The FCC established three prerequisites that PSAPs must meet before a Phase I or II request to a wireless carrier is considered valid:

1. The PSAP must be capable of receiving and using the data elements associated with the provision of wireless E9-1-1 service;
2. A cost recovery mechanism for the PSAP must be in place; and
3. The PSAP must have made a timely request to its 9-1-1 service supplier or LEC for any necessary upgrades to the ALI format to receive and use the data elements.

There are three phases that are referred to when implementing wireless 9-1-1. The most basic of these is called Wireless Phase 0. This simply means that when a caller dials 9-1-1 from their cellular phone a person at a Public Safety Answering Point (PSAP) answers the call. In a Phase 0 environment a PSAP will get the call with no enhanced information to include ANI or ALI. Most Local Exchange Companies (LECs) will only forward Phase 0 calls to a ten digit number, not a 9-1-1 trunk.

Wireless Phase I means that a PSAP receives a caller's callback number or ANI, the identity of the wireless provider and the location of the cellular antenna receiving the wireless call. In addition, many sites have three sectors providing 360 degree coverage and the specific antenna sector receiving the call is also provided to the PSAP. Every emergency Telecommunicator in any PSAP knows that this information can make all the difference when trying to respond to lost connections or for incidents where the caller is

unable to speak. PSAP's that choose to receive Phase I wireless calls will provide the caller a much better chance of receiving timely assistance.

Wireless Phase II is the ability of a PSAP to receive both the callback number and the actual location of a wireless 9-1-1 caller as well as the name of the wireless provider. Initially, the ALI information was to be received as the latitude and longitude of a wireless device making a 9-1-1 call within a radius of no more than 125 meters in 67 percent of all cases. This requirement has been further defined by the Federal Communications Commission (FCC), as location technology continues to be developed by the wireless industry. The timeline and accuracy for Phase II ALI is now contingent on the technology that a wireless provider selects to implement, network based (triangulation) or handset based Global Positioning System (GPS). In network-based solutions ALI is provided through components of the wireless network. In handset based solutions ALI is provided through GPS chip in wireless telephone

In December 2003, the General Assembly of the Commonwealth of Pennsylvania took steps to comply with FCC Docket 94-102, by enacting Act 56 of 2003. This legislation amended Act 78, which is known as the Public Safety Emergency Telephone Act of 1990. This legislation placed a statewide surcharge of \$1.00 per month on all wireless telephones in the Commonwealth of Pennsylvania. This money is collected and administered by the Pennsylvania Emergency Management Agency (PEMA) and is to be used to compensate 9-1-1 centers and wireless carriers for their costs associated with complying with the FCC mandate.

Under new state law, each approved 9-1-1 center in the state was required to submit a wireless 9-1-1 plan to PEMA. The plan provides PEMA with information on the status of wireless E9-1-1 implementation in City of Philadelphia. In addition, the plan allows PEMA to evaluate the overall cost to each 9-1-1 center (and therefore the state) associated with wireless E9-1-1 implementation and to develop a statewide wireless 9-1-1 deployment plan.

2.2. The City 9-1-1 System

The City first implemented 9-1-1 in March of 1974. In March of 1987 the City of Philadelphia began operation of a fully Enhanced 9-1-1 system. In 1992, the Pennsylvania Department of Community Affairs approved the City's Original 9-1-1 Plan, including Pennsylvania Public Utility Commission approval of a \$1.00 customer contribution rate.

The City of Philadelphia Primary PSAP, is located in the Police Administration Building at 8th and Race Streets which receives all 9-1-1 calls and provides radio dispatch service for all 22 Police Districts in the City. Fire and EMS calls are initially received at the Primary PSAP, but are immediately transferred for call handling and dispatch to the City's Secondary PSAP in the Fire Administration Building, located at 3rd and Spring Garden Streets. The City of Philadelphia first began providing basic 9-1-1 in 1974. The Primary and Secondary PSAP central dispatch are fully enhanced 9-1-1 services, including Computer Aided Dispatch (CAD) and Emergency Medical Dispatch (EMD) call handling protocols. All telephones in City of Philadelphia are able to dial 9-1-1 for emergency services including TDD/TTY equipment. All 911 related calls are answered by trained operators dedicated to 911 operations. Ninety percent (90%) of all 911 calls are answered within 10 seconds, to include toll free public pay stations and cellular access. The City is deployed wireless Phase II.

The Primary PSAP has 38 call taker positions (2 supervisor positions) and 31 radio positions. The Primary PSAP E-9-1-1 system is a configuration of a Nortel DMS (Automatic Call Distributor), a Plant/CML Vesta 9-1-1 switch, Northrop Grumman CAD, a Spectracom Netclock to synchronize time via satellite, NICE call recording equipment, Motorola Centracom Gold for radio dispatch, and Nortel tandems.

The Secondary PSAP has eight call taker positions. The Secondary PSAP also utilizes a Plant/CML Vesta 9-1-1 switch, 8 Plant Vesta call taker positions with Northrop Grumman CAD, NICE call recording equipment, and 5 Motorola 800 MHz radio consoles utilizing four primary radio talk groups, two for Fire and two for EMS, as well as twenty-five additional tactical talk groups for Fire and EMS operations.

An overflow PSAP for the Police Department Primary PSAP and Fire Department secondary PSAP is located in City Hall. The overflow PSAP has a total of 47 actual working positions equipped with all the functionality of the primary and secondary PSAPs. This PSAP is capable of staffing Police and Fire/Rescue 9-1-1 staff in the event of a major disaster.

City of Philadelphia 9-1-1 dispatches Police, Fire and EMS (Paramedic) services in the City of Philadelphia are furnished by the City's dedicated Police Department and Fire Department employees. While private ambulance companies do operate in the City of Philadelphia, the City does not dispatch such operators through its 9-1-1 System. In addition, any requests for the Pennsylvania State Police are transferred to the appropriate State Police Barracks, although City of Philadelphia 9-1-1 does have the capability of direct radio contact with Pennsylvania State Police on the Police radio frequencies if necessary.

The host telephone company providing service to the City of Philadelphia is Verizon. They are also under contract to provide maintenance and warranty services to the City for the 9-1-1 telephone systems and equipment. The City has approximately 743,192 (monthly) telephone access lines of which 595,378 are from the host LEC Verizon and the remaining approximately 147,814 access lines are from the various other CLEC's including Centrex lines. The City of Philadelphia is served by one (1) telephone company, six (6) distinct wireless carriers, sixty-nine (69) separate CLECs, two (2) area codes utilizing three hundred fourteen (314) telephone exchanges located within twenty-five (25) central offices. In the vast majority of exchanges, the City's PSAP answers all 9-1-1 calls. In some of the bordering exchanges with adjoining counties, the City utilizes selective routing where practical. The City of Philadelphia also has twenty (20) dedicated wireless trunks twelve (12) from the Market tandem and eight (8) are from the Locust tandem.

2.3. Staffing

Proper functioning of the City's 9-1-1 System, and its ability to deliver emergency services to its residents, depends on the cooperation and efforts of individuals from the City's Department of Public Property, Police Department and Fire Department. The City's 9-1-1 Coordinator and Department of Public Property's Director of Communications includes among his duties administration and oversight of the City's E-9-1-1 System. The Director of Communications and his staff work closely with individuals in the City's Police Department and Fire Department who are responsible for management of the day-to-day on site operations. These individuals work together to provide swift response to emergency situations through use of the City's 9-1-1 System.

Communications Division Staffing consists of one (1) Director of Communications & Engineering, one (1) Assistant Director of Communications and eight (8) Electronic Technicians. Additional Department of Public Property staff provides administrative support to the Communications Division.

Primary PSAP (Police Administration Building) staffing consists of one (1) Inspector, four (4) Captains, three (3) Lieutenants, ten (10) Sergeants, twenty (20) Corporals, two (2) Police Officers, two hundred sixty-two (262) Police Communications Dispatchers (PCDs) and three (3) Civilians.

Secondary PSAP (Fire Administration Building) staffing consists of one (1) Chief Fire Equipment Dispatcher, one (1) Assistant Chief Fire Equipment Dispatcher, six (6) Supervisors/Fire Equipment Dispatcher 2s, thirty-seven (37) Fire Equipment Dispatcher 1s and seven (7) Fire Equipment Dispatcher Trainees.

2.4. Proposed Upgrades and Future Plans and Needs

The City of Philadelphia's Primary and Secondary PSAP's have numerous upgrades included in their future plans. The time schedules for the enhancements are for between the City's fiscal years of 2009 and 2011. The following is a list of the programs that the City of Philadelphia intends to include;

Primary

The Primary PSAP is upgrading their current HVAC system for the entire 911 center, upgrading their entire fleet of MDT's which is in progress, moving to the Panasonic CF-19, numerous tower upgrades, Police radio replacements and upgrades and renovations to the EOC and backup center.

Secondary

The Secondary PSAP is rolling out MDT's that are currently used in Medic Units, Chief vehicles and EMS Officer vehicles will be extended to the Engines and Ladders as well as specialty units that serve the city. A complete renovation of the Fire Communications Center (FCC) to include console furniture, chairs, rugs, lighting, replacing the Wireless Dispatch Notification System at the watch desk's for one half (1/2) of the city's fire stations to include printers, modems and monitors. The PSAP will replace the independent HVAC system and the critical generators at the Fire Administration Building (FAB) and upgrade the 800 MHz system platform/software and hardware equipment. . The Secondary PSAP is upgrading all support hardware to include PCs, monitors, keyboards and accessories in the FCC.

3. REGULATORY REQUIREMENTS

3.1 City/County Coordinator

The City of Philadelphia by adoption of resolution appoints Mr. Frank G. Punzo as City of Philadelphia's 9-1-1 Coordinator. (*Copy of the resolution is included in section 1.2 Resolution*).

3.2. Inter-Agency/Inter-City/County Agreements/Mutual Aid Agreements

The City of Philadelphia does not utilize any Mutual Aid agreements due to the full resources of the City are available to its neighbors 24 hours a day, 7 days a week, 365 days a year. Requests for assistance are handled on a request by request basis.

3.3. Explanation of Modifications/Changes to Original Plan

City of Philadelphia's 9-1-1 System is fully operational. Many proposed upgrades outlined in the City's original 9-1-1 Plan reached full implementation, such as:

Primary PSAP

Upgrading the CAD system to Command Point and upgrading the fleet MDT's and moving to the Panasonic CF-19 which is still in progress, upgrading the City's emergency radio system, CPE, database software upgrades, and CAD equipment. The City of Philadelphia made application of the 2008-2009 Wireless Funding to include equipment to be in furtherance of the Statewide Wireless E9-1-1 Plan. The costs submitted are for equipment to meet or exceed the technical standards established by PEMA.

Secondary PSAP

Upgrading the CAD system to Command Point and replacing the Wireless Data Transmission System in each fire station through out the city.

3.4. Compliance with Pennsylvania Code Requirements

The City of Philadelphia's Primary PSAP, located in the Police Administration Building at 8th and Race Streets, receives all 9-1-1 calls and provides radio dispatch service for all 22 Police Districts in the City. Fire and EMS calls are initially received at the Primary PSAP and then are transferred to the Secondary PSAP, located at 3rd and Spring Garden Streets. The original call taker in the Primary PSAP remains on the phone line with the 9-1-1 caller while the call information is handled by the call taker in the Secondary PSAP. All emergency services are dispatched via radio, using 800 MHz channels.

Primary PSAP

Compliance with Pennsylvania Code Minimum Standards for PSAPs REQUIREMENTS	City of Philadelphia Primary PSAP		Comments
	YES	NO	
The law enforcement, fire protection, emergency medical services, rescue services and advanced life support services within the boundaries of the political subdivision shall be included.	X		
The system shall operate on a 24-hours a day, 7 days per week basis	X		
9-1-1 related calls shall be answered by trained operators dedicated to 9-1-1 operations	X		

Ninety percent of 9-1-1 calls shall be answered within 10 seconds.	X		
Incoming 9-1-1 calls shall be recorded via a multi-track voice recorder	X		
9-1-1 operators shall record incoming calls at their respective answering station to allow for instant playback.	X		
Voice recorded 9-1-1 information shall be archived for at least 30 days.	X		
A PSAP shall have stand-by emergency electrical power generation equipment and sufficient fuel supply to sustain operation for a minimum of 7 days. PSAPs Federally funded under civil defense/emergency management shall maintain a 14-day fuel supply.	X		
A minimum of two lines for each established exchange or central office shall be provided for incoming 9-1-1 calls.	X		
A minimum of two administrative lines shall be provided for non-emergency or routine, or both, calls.	X		
Each 9-1-1 PSAP shall have the ability to force a disconnect with a calling party.	X		
Public pay stations, semi public pay stations and COCOTs [Customer Owned Coin Operated Telephones] shall have access to 9-1-1 without coin insertion or other charge.	X		
If no local address is available, the County or PSAP shall adopt a grid system, zip code identifier or other acceptable identifier method for support of dispatch and emergency service response to rural locations. The predicted number of addresses not in the data base shall be listed as a description of the identifying method chosen.	X		
If ANI and ALI or computer aided dispatch equipment is utilized, an uninterruptible power supply shall be employed. This is in addition to the required standby electrical power generator.	X		
If ANI and ALI are employed, the following minimum data shall be displayed except in the case of party lines or mobile lines: (A) the telephone number of the calling party. (B) The name of the calling party. (C) The address or identifier of the calling phone party.	X		
Adjacent PSAPs in contiguous counties and all PSAPs within the County shall be connected via private dedicated lines.	X		
Mutual Aid agreements required for sharing and dispatching emergency services shall be executed under 35 Pa. C.S.A. § 7504 (relating to coordination, assistance and mutual aid) to enhance emergency response capability. Procedures shall be developed with adjacent counties, if appropriate, to provide for emergency responses to fringe areas of city/county and calls received over foreign exchange lines.	X		See section 3.2
The 9-1-1 access shall be provided to cellular telephone, improved mobile telephone service or a system which provides voice telephone service to a mobile station.	X		
The 9-1-1 operators, dispatch personnel and supervisors shall receive a minimum 200 hours classroom and hands on instruction. The APCO training course or a similar course that is used is subject to [Agency] approval. In addition to minimum training requirements, a county may require additional training at its discretion.	X		
Arrangements for bilingual support or subscription to AT&T's language line or similar service shall be provided.	X		

TDD/TTY service shall be provided.	X		
The primary PSAP shall have the capability to receive and transmit watches and warnings from the Agency warning network and function according to the standards of the network.	X		
The PSAP shall provide an interconnect to the statewide radio system (800Mhz) or other systems prescribed by the agency.	X		
Incoming 9-1-1 calls to a PSAP shall generate an audible signal.	X		
The PSAP shall provide identification and explanation of routing profiles.	X		
The PSAP shall have a minimum of two answering positions.	X		
The PSAP shall provide call progress signals	X		
The PSAP shall possess immediate/splash ringing.	X		
The primary PSAP senior supervisor/manager shall be designated as the county warning and communications officer.		X	Director of Communications is the designated Officer, the Fire Department is responsible for issuing warnings.
The appointed county 9-1-1 coordinator may not be in conflict with the duties of the county emergency management coordinator.	X		
Supporting documentation describing the geographic location and special relationships of the 9-1-1 primary PSAP (county/city) to the emergency operations center shall be provided in the application.	X		
Supporting documentation describing the organizational structure, message handling process between PSAPs and emergency operations center during emergencies, and supporting communications between PSAPs and between PSAPs and emergency operations center during emergencies shall be provided in the application.	X		
Manual Transfer Manual transfer shall allow transfer of a received call to a dialed number.	X		
Default Routing The capability to route a 9-1-1 call to a designated default PSAP when the incoming 9-1-1 call cannot be selectively routed due to an ANI failure, garbled digits or other cause.	X		
Alternate Routing The capability of routing 9-1-1 calls to a designated alternate location if all the 9-1-1 trunks to the primary PSAP are busy. It may also be activated upon request when 9-1-1 equipment fails or the PSAP itself is disabled.	X		
Selective Routing Selective routing is directed by selective routing tables which are defined by local jurisdictions. The selective routing file resides in the control office or CPE.	X		
Automatic Call Distributor Equipment that distributes incoming calls to available PSAP call attendants in the order the calls are received or holds calls until a call attendant becomes available.	X		
Computer Aided Dispatch (CAD) interface option The means of automatically introducing the ALI data into a CAD system, as opposed to manually entering the information	X		
CPE [Customer Premises Equipment] Terminal equipment at a PSAP or secondary answering location.	X		
Conferencing	X		

The capability of allowing a PSAP call attendant to monitor an incoming call after it has been transferred to the action agency.			
ALI [Automatic Location Identification] The ALI, when employed, shall have the capability to display the correct PSAP and responsible law enforcement, fire, emergency medical services and other public safety agencies. The ALI shall be operated and maintained at a level sufficient to ensure that the ALI display will be retrieved in less than 5 seconds for 95 out of 100 attempts during the average busy hour.	X		
ALI/ANI [Automatic Location Identification/Automatic Number Identification] ANI/ALI shall follow the call to each position which picks up a call even if simultaneous pickup occurs and on transfers to other 9-1-1 equipped PSAPs and on transfer of 9-1-1 calls	X		
ALI features: The following features are required if ALI is employed:			
(A) The ALI file will be accessed from the PSAP when ANI data associated with the call is identified	X		
(B) ALI will display the name and address associated with the dialing telephone number once the PSAP receives the 9-1-1 call.	X		
(C) ALI identifies the type of telephone service; that is, coin phone, residence or business	X		
(D) ALI identifies the emergency service number of the location of the emergency services requestor which, in turn, identifies the law enforcement, fire, emergency medical services, and other emergency responders for the calling address.	X		
(E) ALI data is retained and redisplayed when a call placed on hold is retrieved by the PSAP call attendants.	X		
(F) An address that does not have a telephone service will not have a file in the ALI database. However it shall be identified in the accepted grid base, zip code identifier or other approved system.	X		
ALI/ANI Transfer If ALI/ANI is employed, transfer capabilities shall be consistent and reliable. Transfers between appropriately equipped PSAPs shall include full ANI and ALI capabilities even if a cross tandem transfer is involved. If ALI transfer is not technically possible, access via a secondary inquiry is permissible.	X		
Conference Release If three-way conferencing is employed, release of the call shall allow the transferring PSAP to leave the call without disrupting the connection between the 9-1-1 caller and the agency the call was transferred to.	X		
Three Way Conferencing Three-way calling among the 9-1-1 caller, the transferring agency, and the transferred to agency, shall be initiated with the operation of an add-on button to obtain dial tone and the dialing of that agency's number.	X		
Selective Transfer Selective transfer shall automatically transfer or receive a 9-1-1 call to an agency providing the service required as designated by the emergency service number.	X		
Emergency Broadcast Interconnection Automatic ring down or tie line interconnect between the primary PSAP and the operational area emergency broadcast station common primary control station is an eligible enhancement feature.	X		
PEIRS Reporting System	X		

The City/County complies with State PEIRS reporting System			
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Secondary PSAP

Compliance with Pennsylvania Code Minimum Standards for PSAPs REQUIREMENTS	City of Philadelphia Secondary PSAP		Comments
	YES	NO	
The law enforcement, fire protection, emergency medical services, rescue services and advanced life support services within the boundaries of the political subdivision shall be included.	X		
The system shall operate on a 24-hours a day, 7 days per week basis	X		
9-1-1 related calls shall be answered by trained operators dedicated to 9-1-1 operations	X		
Ninety percent of 9-1-1 calls shall be answered within 10 seconds.	X		
Incoming 9-1-1 calls shall be recorded via a multi-track voice recorder	X		
9-1-1 operators shall record incoming calls at their respective answering station to allow for instant playback.	X		
Voice recorded 9-1-1 information shall be archived for at least 30 days.	X		
A PSAP shall have stand-by emergency electrical power generation equipment and sufficient fuel supply to sustain operation for a minimum of 7 days. PSAPs Federally funded under civil defense/emergency management shall maintain a 14-day fuel supply.	X		
A minimum of two lines for each established exchange or central office shall be provided for incoming 9-1-1 calls.	X		
A minimum of two administrative lines shall be provided for non-emergency or routine, or both, calls.	X		
Each 9-1-1 PSAP shall have the ability to force a disconnect with a calling party.	X		
Public pay stations, semi public pay stations and COCOTs [Customer Owned Coin Operated Telephones] shall have access to 9-1-1 without coin insertion or other charge.	X		
If no local address is available, the County or PSAP shall adopt a grid system, zip code identifier or other acceptable identifier method for support of dispatch and emergency service response to rural locations. The predicted number of addresses not in the data base shall be listed as a description of the identifying method chosen.	X		
If ANI and ALI or computer aided dispatch equipment is utilized, an uninterruptible power supply shall be employed. This is in addition to the required standby electrical power generator.	X		
If ANI and ALI are employed, the following minimum data shall be displayed except in the case of party lines or mobile lines:	X		

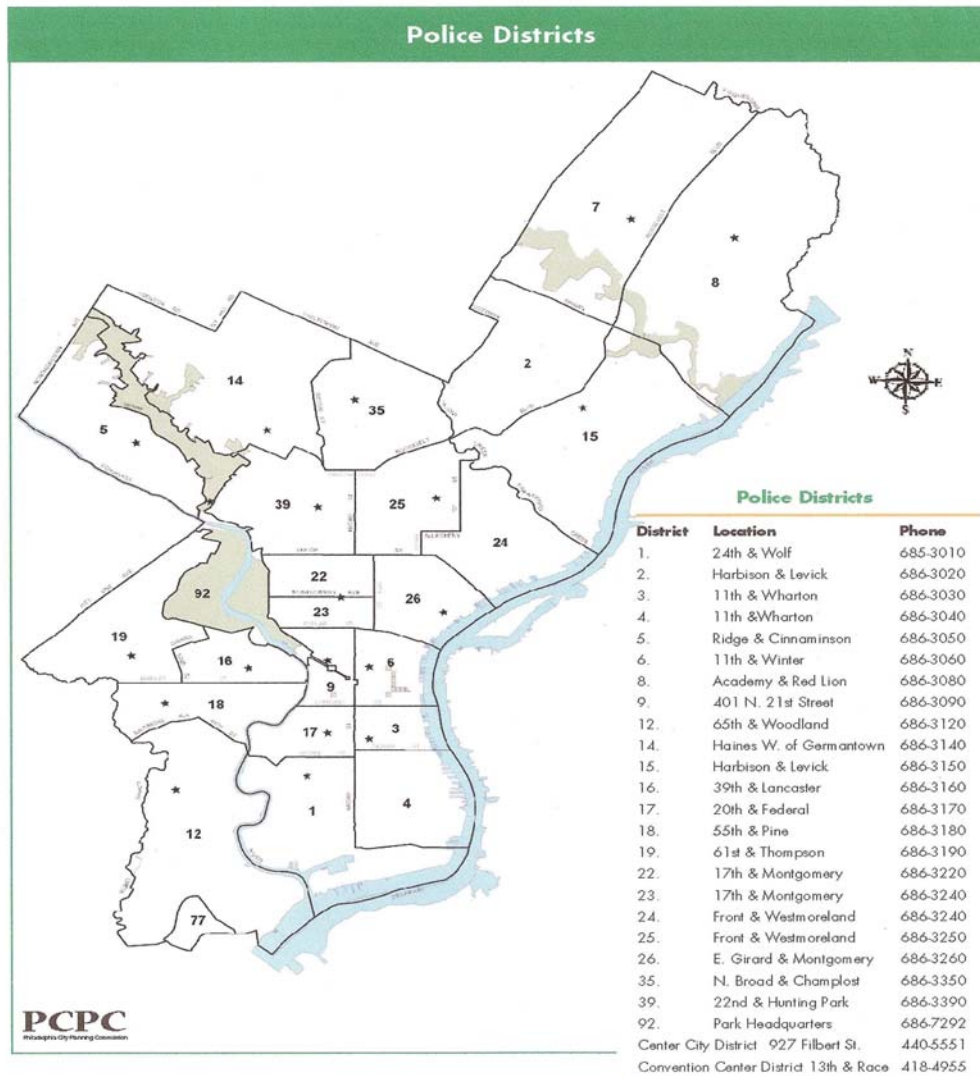
(A) the telephone number of the calling party.			
(B) The name of the calling party.			
(C) The address or identifier of the calling phone party.			
Adjacent PSAPs in contiguous counties and all PSAPs within the County shall be connected via private dedicated lines.	X		
Mutual Aid agreements required for sharing and dispatching emergency services shall be executed under 35 Pa. C.S.A. § 7504 (relating to coordination, assistance and mutual aid) to enhance emergency response capability. Procedures shall be developed with adjacent counties, if appropriate, to provide for emergency responses to fringe areas of city/county and calls received over foreign exchange lines.	X		See Section 3.2
The 9-1-1 access shall be provided to cellular telephone, improved mobile telephone service or a system which provides voice telephone service to a mobile station.	X		
The 9-1-1 operators, dispatch personnel and supervisors shall receive a minimum 200 hours classroom and hands on instruction. The APCO training course or a similar course that is used is subject to [Agency] approval. In addition to minimum training requirements, a county may require additional training at its discretion.	X		
Arrangements for bilingual support or subscription to AT&T's language line or similar service shall be provided.	X		
TDD/TTY service shall be provided.	X		
The primary PSAP shall have the capability to receive and transmit watches and warnings from the Agency warning network and function according to the standards of the network.			Warnings are issued through the EOC
The PSAP shall provide an interconnect to the statewide radio system (800Mhz) or other systems prescribed by the agency.	X		
Incoming 9-1-1 calls to a PSAP shall generate an audible signal.	X		
The PSAP shall provide identification and explanation of routing profiles.	X		
The PSAP shall have a minimum of two answering positions.	X		
The PSAP shall provide call progress signals	X		
The PSAP shall possess immediate/splash ringing.	X		
The primary PSAP senior supervisor/manager shall be designated as the county warning and communications officer.	X		
The appointed county 9-1-1 coordinator may not be in conflict with the duties of the county emergency management coordinator.	X		
Supporting documentation describing the geographic location and special relationships of the 9-1-1 primary PSAP (county/city) to the emergency operations center shall be provided in the application.	X		
Supporting documentation describing the organizational structure, message handling process between PSAPs and emergency operations center during emergencies, and supporting communications between PSAPs and between PSAPs and emergency operations center during emergencies shall be provided in the application.	X		
Manual Transfer Manual transfer shall allow transfer of a received call to a dialed number.			N/A
Default Routing The capability to route a 9-1-1 call to a designated default PSAP when the incoming 9-1-1 call cannot be selectively routed due to an ANI failure, garbled digits or other cause.			N/A

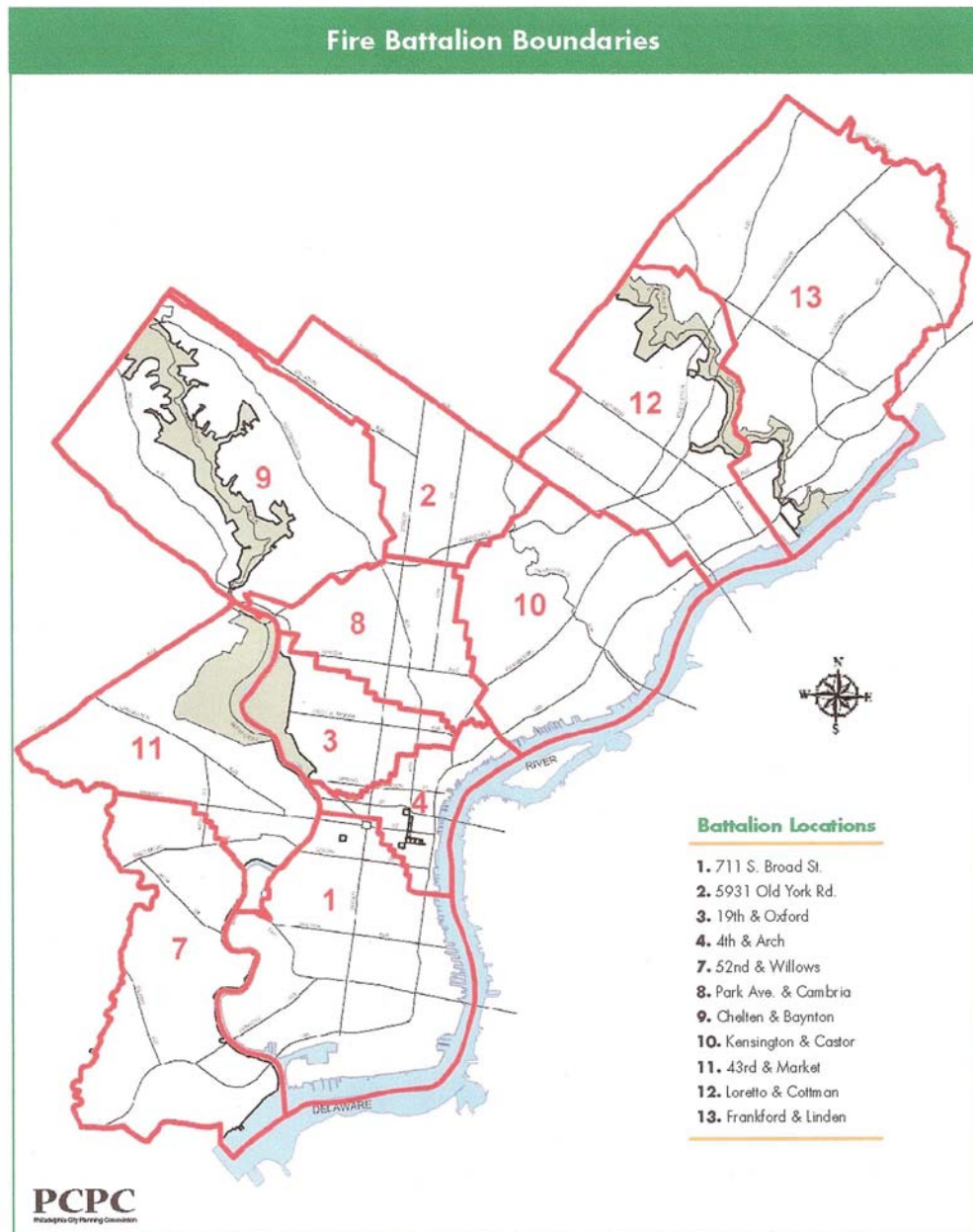
Alternate Routing The capability of routing 9-1-1 calls to a designated alternate location if all the 9-1-1 trunks to the primary PSAP are busy. It may also be activated upon request when 9-1-1 equipment fails or the PSAP itself is disabled.			N/A
Selective Routing Selective routing is directed by selective routing tables which are defined by local jurisdictions. The selective routing file resides in the control office or CPE.			N/A
Automatic Call Distributor Equipment that distributes incoming calls to available PSAP call attendants in the order the calls are received or holds calls until a call attendant becomes available.			N/A
Computer Aided Dispatch (CAD) interface option The means of automatically introducing the ALI data into a CAD system, as opposed to manually entering the information	X		
CPE [Customer Premises Equipment] Terminal equipment at a PSAP or secondary answering location.			N/A
Conferencing The capability of allowing a PSAP call attendant to monitor an incoming call after it has been transferred to the action agency.	X		
ALI [Automatic Location Identification] The ALI, when employed, shall have the capability to display the correct PSAP and responsible law enforcement, fire, emergency medical services and other public safety agencies. The ALI shall be operated and maintained at a level sufficient to ensure that the ALI display will be retrieved in less than 5 seconds for 95 out of 100 attempts during the average busy hour.	X		
ALI/ANI [Automatic Location Identification/Automatic Number Identification] ANI/ALI shall follow the call to each position which picks up a call even if simultaneous pickup occurs and on transfers to other 9-1-1 equipped PSAPs and on transfer of 9-1-1 calls	X		
(A) The ALI file will be accessed from the PSAP when ANI data associated with the call is identified	X		
(B) ALI will display the name and address associated with the dialing telephone number once the PSAP receives the 9-1-1 call.	X		
(C) ALI identifies the type of telephone service; that is, coin phone, residence or business	X		
(D) ALI identifies the emergency service number of the location of the emergency services requestor which, in turn, identifies the law enforcement, fire, emergency medical services, and other emergency responders for the calling address.	X		
(E) ALI data is retained and redisplayed when a call placed on hold is retrieved by the PSAP call attendants.	X		
(F) An address that does not have a telephone service will not have a file in the ALI database. However it shall be identified in the accepted grid base, zip code identifier or other approved system.	X		
ALI/ANI Transfer	X		

If ALI/ANI is employed, transfer capabilities shall be consistent and reliable. Transfers between appropriately equipped PSAPs shall include full ANI and ALI capabilities even if a cross tandem transfer is involved. If ALI transfer is not technically possible, access via a secondary inquiry is permissible.			
Conference Release If three-way conferencing is employed, release of the call shall allow the transferring PSAP to leave the call without disrupting the connection between the 9-1-1 caller and the agency the call was transferred to.	X		
Three Way Conferencing Three-way calling among the 9-1-1 caller, the transferring agency, and the transferred to agency, shall be initiated with the operation of an add-on button to obtain dial tone and the dialing of that agency's number.	X		
Selective Transfer Selective transfer shall automatically transfer or receive a 9-1-1 call to an agency providing the service required as designated by the emergency service number.	X		
Emergency Broadcast Interconnection Automatic ring down or tie line interconnect between the primary PSAP and the operational area emergency broadcast station common primary control station is an eligible enhancement feature.	X		EOC is responsible to put out message, if EOC is not activated the responsibility falls upon the Fire Department.
PEIRS Reporting System The City/County complies with State PEIRS reporting System	X		

3.5. List of Participating Agencies (Police, Fire, EMS)

All Police, Fire and EMS (Paramedic) services in the City of Philadelphia are furnished by the City's dedicated Police Department and Fire Department employees. The Police Department is made up of Police Districts as shown on the below map. The Fire Department is made up of Fire Battalions as shown below. Private ambulance companies do operate in the City of Philadelphia however the City does not dispatch such operators through its 9-1-1 system.





<u>DIVISION 1</u>
Battalion One (South Philadelphia & Center City)
Battalion Three (Strawberry Mansion, North Philadelphia, & Fairmount)
Battalion Four (Center City & Northern Liberties)
Battalion Seven (SW Philadelphia)
Battalion Eleven (West Philadelphia, Overbrook, and Mantua)
<u>DIVISION 2</u>
Battalion Two (Oak Lane & Olney)
Battalion Eight (North Philadelphia, Hunting Park, & West Kensington)
Battalion Nine (Germantown, Chestnut Hill, East Falls, & Roxborough)
Battalion Ten (Kensington, Frankford, Port Richmond, & Bridesburg)
Battalion Twelve (Lower Northeast, Burholme, Rhawnhurst, & Mayfair)
Battalion Thirteen (Far NE)

3.6. List of Additional Agencies Served

The City of Philadelphia uses its E9-1-1 system only for call receipt and dispatch of Police, Fire and EMS services. Radio infrastructure support and dispatch of additional agencies is provided by Municipal Radio, managed by the City Department of Public Property Communications Divisions, which can directly contact 9-1-1 in the event of an emergency call. The following agencies are serviced by Municipal Switchboard:

Mayor's Office
City of Philadelphia District Attorney
Judges
Magistrates
City of Philadelphia Coroner
Juvenile Probation Office
Adult Probation Office
City of Philadelphia Sheriff
Mental Health/Mental Retardation
Children and Youth Agency
Pennsylvania State Police
Pennsylvania Department of Transportation
City of Philadelphia Roads and Bridges Department
All utilities serving City of Philadelphia
Women's Resource Center
Pennsylvania Fish Commission
Pennsylvania Game Commission
Pennsylvania Department of Forestry
Pennsylvania Department of Environmental Protection

Pennsylvania Bureau of Mines
DATOM Products Hazmat Team
TEEM Environmental Hazmat Team

3.7. Special Considerations

The following information is provided in order to give the Agency a better understanding of the challenges potentially faced by the City of Philadelphia 9-1-1 System. An emergency at any of the facilities, entities or locations listed below have the ability to seriously impact the County's 9-1-1 system:

Airports

Philadelphia International Airport
Northeast Philadelphia Airport

Major Highways

Interstate 95, 76, 276, 476
Pennsylvania Turnpike
Schuylkill Expressway
Routes 1, 63, 309, 611

Major Bridges

Walt Whitman
Benjamin Franklin
Betsy Ross
Commodore Barry

Railways/Freight Service

Southeastern Pennsylvania Transportation Authority (SEPTA)
Amtrak
Pennsylvania Railroad
Reading Railroad

Major Waterways

Delaware River
Schuylkill River
Cobbs Creek
Wissahickon Creek
Pennypack Creek

Major Institutions

Public School District:

One Hundred seventy-four (174) Elementary Schools
Thirty-nine (39) Middle Schools
Forty-five (45) High Schools
Nineteen (19) Programs

Five (5) Vocational/Technical Schools

Charter Schools:

Twenty-nine (29) Elementary Schools

Six (6) Middle Schools

Sixteen (16) High Schools

Four (4) Special Schools

Colleges, Universities, Trade and specialty schools:

Over eighty (80) including:

University of Pennsylvania

Drexel University

Temple University

Saint Joseph's University

Pierce College

University of the Sciences in Philadelphia

The University of the Arts

Pennsylvania Academy of Fine Arts

Thomas Jefferson University

Moore College of Art and Design

The Art Institute of Philadelphia

Philadelphia College of Osteopathic Medicine

LaSalle University

Philadelphia University

Chestnut Hill College

Holy Family University

Community College of Philadelphia

Medical Institutions:

Temple University School of Medicine

Drexel University College of Medicine

Thomas Jefferson University

Children's Hospital Of Philadelphia

St Christopher's Hospital

Shriners' Hospital

Albert Einstein Hospital

Fox Chase Cancer Center

Major Industries:

There are 82 major industries in and around the City of Philadelphia

There are 10 major pharmaceutical companies

Public Places

There are twenty-seven (27) historic sites and national parks including the Benjamin Franklin National Memorial, the Betsy Ross House, the Boathouse Row, the Edgar Allan Poe National Historic site, Independence Hall and the Liberty Bell.

There are twenty (20) Museums including seven (7) Art Museums, five (5) Science Museums and eight (8) History Museums.

The Philadelphia Zoo

Six (6) Horticultural Institutions

Eight (8) parks and squares

Seventeen (17) professional performing arts centers

Ten (10) Educational centers/theaters

Fifteen (15) Religious buildings and

Nine (9) major shopping centers

The City of Philadelphia also has eleven (11) Major sports teams:

Philadelphia Eagles	Football
Philadelphia Flyers	Hockey
Philadelphia Phillies	Baseball
Philadelphia 76ers	Basketball
Philadelphia Wings	Indoor Lacrosse
Philadelphia Soccer Team	Soccer in 2010
Philadelphia Phantoms	Hockey
Philadelphia Soul	Arena Football
Philadelphia Barrage	Outdoor Lacrosse
Philadelphia KiXX	Indoor Soccer
Philadelphia Fight	Rugby League

The City of Philadelphia has two (2) major newspapers, six (6) television stations and ten (10) radio stations.

Prisons

The Philadelphia Prison System (PPS) operates six major correctional facilities-the *Alternative and Special Detention*, the *Curran-Fromhold Correctional Facility*, the *Detention Center*, the *House of Correction*, *Philadelphia Industrial Correctional Center* and the *Riverside Correctional Facility*-on State Road in Northeast Philadelphia as well as several smaller satellite facilities in various locations in the city.

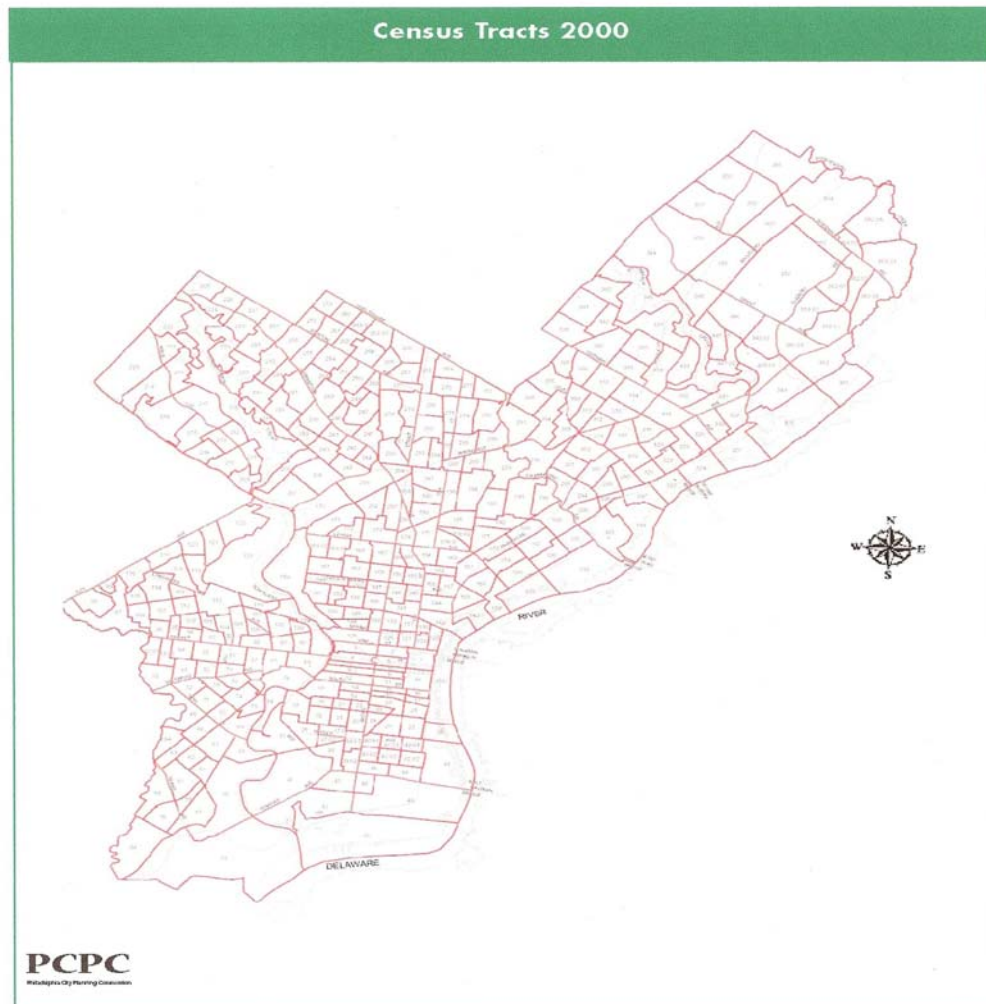
Chemical Refineries/Plants Processing Large Amounts of Chemicals (SARA Sites)

There are three hundred fifty-five (355) SARA facilities including water treatment plants, sanitary landfills and multiple manufacturing facilities.

4. GEOGRAPHIC

4.1. *Population Density*

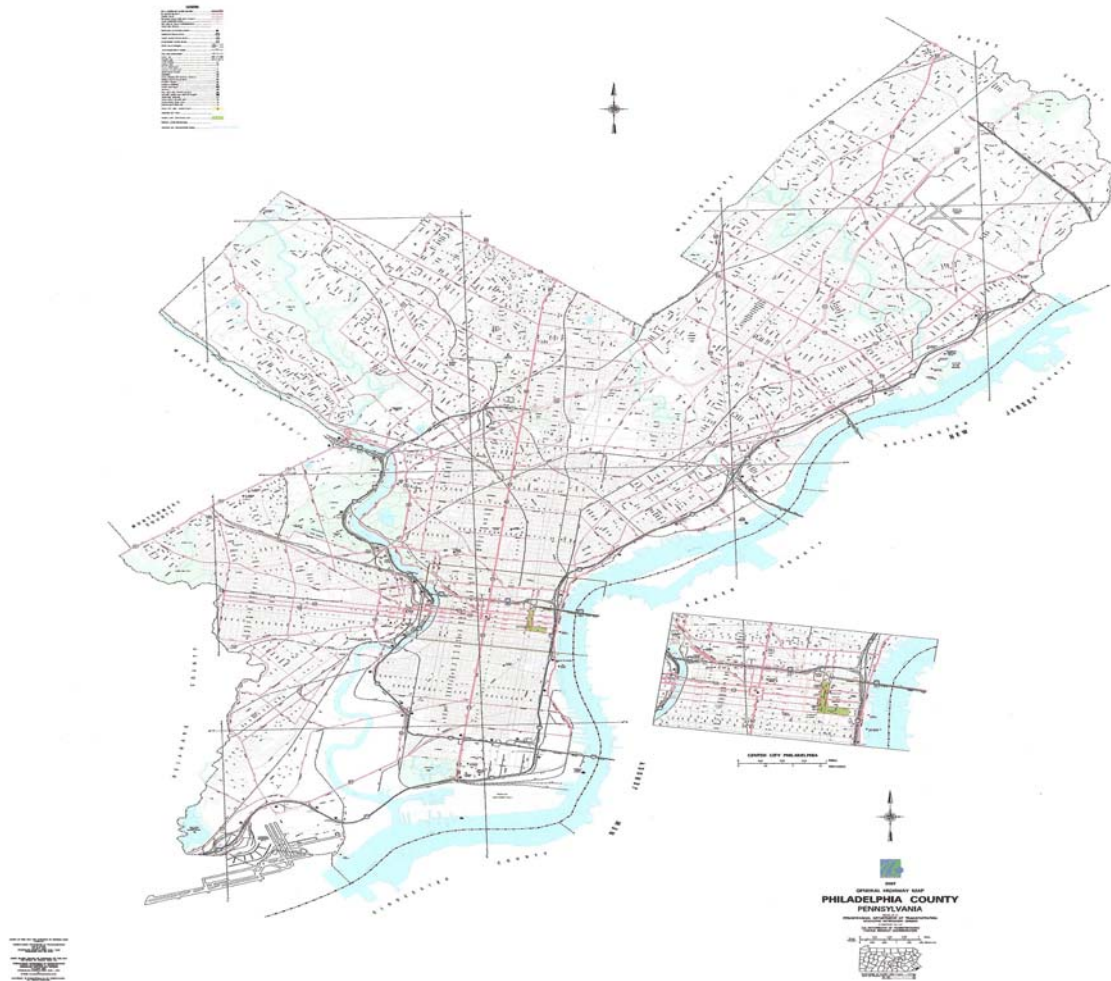
The City of Philadelphia is located in the Southeastern section of the Commonwealth of Pennsylvania, surrounded by the counties of Delaware, Chester, Montgomery and Bucks, as well as the State of New Jersey's Camden, Burlington and Gloucester Counties. The City covers an area of 142.6 square miles of which 135.1 is land and 7.6 square miles is water and is home to a population of approximately 1,517,550. The City of Philadelphia is its own County.



4.2. Major Transportation Routes and Municipalities within the City/County, Neighboring Counties and States

The City of Philadelphia is bound to the north by Montgomery County, to the northeast by Bucks County, to the east by Burlington, Camden and Gloucester Counties in New Jersey, the southwest by Delaware County.

The City covers an area of 142.6 square miles and is home to a population of approximately 1,517,550.



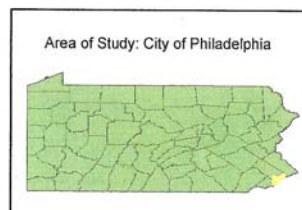
Philadelphia Transportation Network:

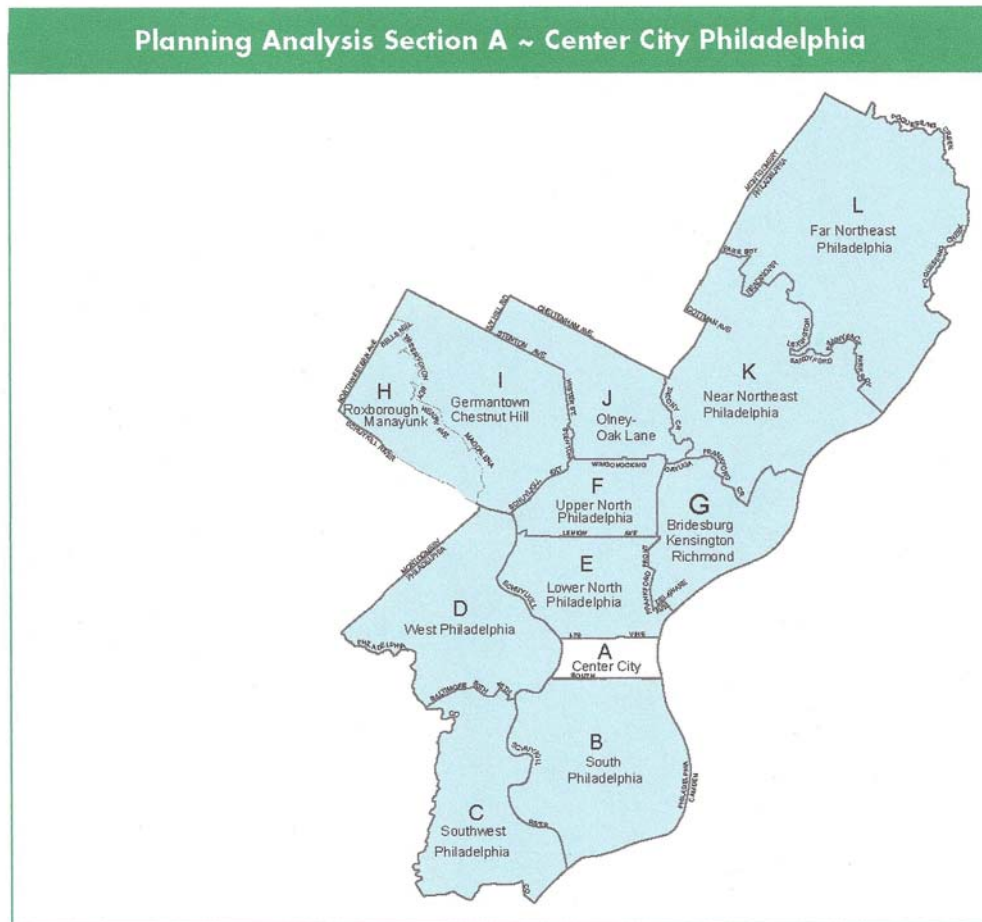
City of Philadelphia: Transportation Network



Legend

- Interstate
- State Highway
- US Highway
- Railroads
- New Jersey
- City of Philadelphia
- Surrounding Counties







4.3. Telephone Service Areas/Central Office Boundaries/Wire Center Boundaries

NPA	NXX		Company Name
215	203	Regent	VERIZON PENNSYLVANIA, INC.
215	204	Poplar	VERIZON PENNSYLVANIA, INC.
215	209	Locust	VERIZON PENNSYLVANIA, INC.
215	214	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	218	Dewey	VERIZON PENNSYLVANIA, INC.
215	221	Baldwin	VERIZON PENNSYLVANIA, INC.
215	222	Evergreen	VERIZON PENNSYLVANIA, INC.
215	223	Baldwin	VERIZON PENNSYLVANIA, INC.
215	224	Waverly	VERIZON PENNSYLVANIA, INC.
215	225	Baldwin	VERIZON PENNSYLVANIA, INC.
215	226	Baldwin	VERIZON PENNSYLVANIA, INC.
215	227	Baldwin	VERIZON PENNSYLVANIA, INC.
215	228	Baldwin	VERIZON PENNSYLVANIA, INC.
215	229	Baldwin	VERIZON PENNSYLVANIA, INC.
215	231	Locust	VERIZON PENNSYLVANIA, INC.
215	232	Poplar	VERIZON PENNSYLVANIA, INC.
215	233	Flourtown	VERIZON PENNSYLVANIA, INC.
215	235	Poplar	VERIZON PENNSYLVANIA, INC.
215	236	Poplar	VERIZON PENNSYLVANIA, INC.
215	238	Market	VERIZON PENNSYLVANIA, INC.
215	241	Locust	VERIZON PENNSYLVANIA, INC.
215	242	Chestnut Hill	VERIZON PENNSYLVANIA, INC.
215	246	Locust	VERIZON PENNSYLVANIA, INC.
215	247	Chestnut Hill	VERIZON PENNSYLVANIA, INC.
215	248	Chestnut Hill	VERIZON PENNSYLVANIA, INC.
215	255	Locust	VERIZON PENNSYLVANIA, INC.
215	263	Locust	VERIZON PENNSYLVANIA, INC.
215	273	Dewey	VERIZON PENNSYLVANIA, INC.
215	276	Waverly	VERIZON PENNSYLVANIA, INC.
215	281	Knights Road	VERIZON PENNSYLVANIA, INC.
215	288	Jefferson	VERIZON PENNSYLVANIA, INC.
215	289	Jefferson	VERIZON PENNSYLVANIA, INC.
215	291	Regent	VERIZON PENNSYLVANIA, INC.
215	299	Locust	VERIZON PENNSYLVANIA, INC.
215	304	Market	VERIZON PENNSYLVANIA, INC.
215	309	Market	VERIZON PENNSYLVANIA, INC.
215	324	Davenport	VERIZON PENNSYLVANIA, INC.
215	329	Davenport	VERIZON PENNSYLVANIA, INC.
215	330	Orchard	VERIZON PENNSYLVANIA, INC.
215	331	Mayfair	VERIZON PENNSYLVANIA, INC.
215	332	Mayfair	VERIZON PENNSYLVANIA, INC.
215	333	Mayfair	VERIZON PENNSYLVANIA, INC.

215	334	Dewey	VERIZON PENNSYLVANIA, INC.
215	335	Mayfair	VERIZON PENNSYLVANIA, INC.
215	336	Dewey	VERIZON PENNSYLVANIA, INC.
215	338	Mayfair	VERIZON PENNSYLVANIA, INC.
215	339	Dewey	VERIZON PENNSYLVANIA, INC.
215	342	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	349	Evergreen	VERIZON PENNSYLVANIA, INC.
215	351	Market	VERIZON PENNSYLVANIA, INC.
215	365	Eastwick	VERIZON PENNSYLVANIA, INC.
215	372	Market	VERIZON PENNSYLVANIA, INC.
215	379	Cheltenham	VERIZON PENNSYLVANIA, INC.
215	381	Chestnut Hill	VERIZON PENNSYLVANIA, INC.
215	382	Evergreen	VERIZON PENNSYLVANIA, INC.
215	386	Evergreen	VERIZON PENNSYLVANIA, INC.
215	387	Evergreen	VERIZON PENNSYLVANIA, INC.
215	389	Dewey	VERIZON PENNSYLVANIA, INC.
215	398	Locust	VERIZON PENNSYLVANIA, INC.
215	402	Flourtown	VERIZON PENNSYLVANIA, INC.
215	405	Locust	VERIZON PENNSYLVANIA, INC.
215	408	Market	VERIZON PENNSYLVANIA, INC.
215	409	Market	VERIZON PENNSYLVANIA, INC.
215	413	Market	VERIZON PENNSYLVANIA, INC.
215	417	Evergreen	VERIZON PENNSYLVANIA, INC.
215	418	Market	VERIZON PENNSYLVANIA, INC.
215	422	Locust	VERIZON PENNSYLVANIA, INC.
215	423	Regent	VERIZON PENNSYLVANIA, INC.
215	424	Waverly	VERIZON PENNSYLVANIA, INC.
215	425	Regent	VERIZON PENNSYLVANIA, INC.
215	426	Regent	VERIZON PENNSYLVANIA, INC.
215	427	Regent	VERIZON PENNSYLVANIA, INC.
215	430	Baldwin	VERIZON PENNSYLVANIA, INC.
215	433	Market	VERIZON PENNSYLVANIA, INC.
215	440	Market	VERIZON PENNSYLVANIA, INC.
215	448	Locust	VERIZON PENNSYLVANIA, INC.
215	451	Market	VERIZON PENNSYLVANIA, INC.
215	452	Trinity	VERIZON PENNSYLVANIA, INC.
215	454	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	455	Davenport	VERIZON PENNSYLVANIA, INC.
215	456	Davenport	VERIZON PENNSYLVANIA, INC.
215	457	Davenport	VERIZON PENNSYLVANIA, INC.
215	462	Dewey	VERIZON PENNSYLVANIA, INC.
215	463	Dewey	VERIZON PENNSYLVANIA, INC.
215	464	Orchard	VERIZON PENNSYLVANIA, INC.
215	465	Dewey	VERIZON PENNSYLVANIA, INC.
215	466	Locust	VERIZON PENNSYLVANIA, INC.
215	467	Dewey	VERIZON PENNSYLVANIA, INC.
215	468	Dewey	VERIZON PENNSYLVANIA, INC.
215	471	Sherwood	VERIZON PENNSYLVANIA, INC.

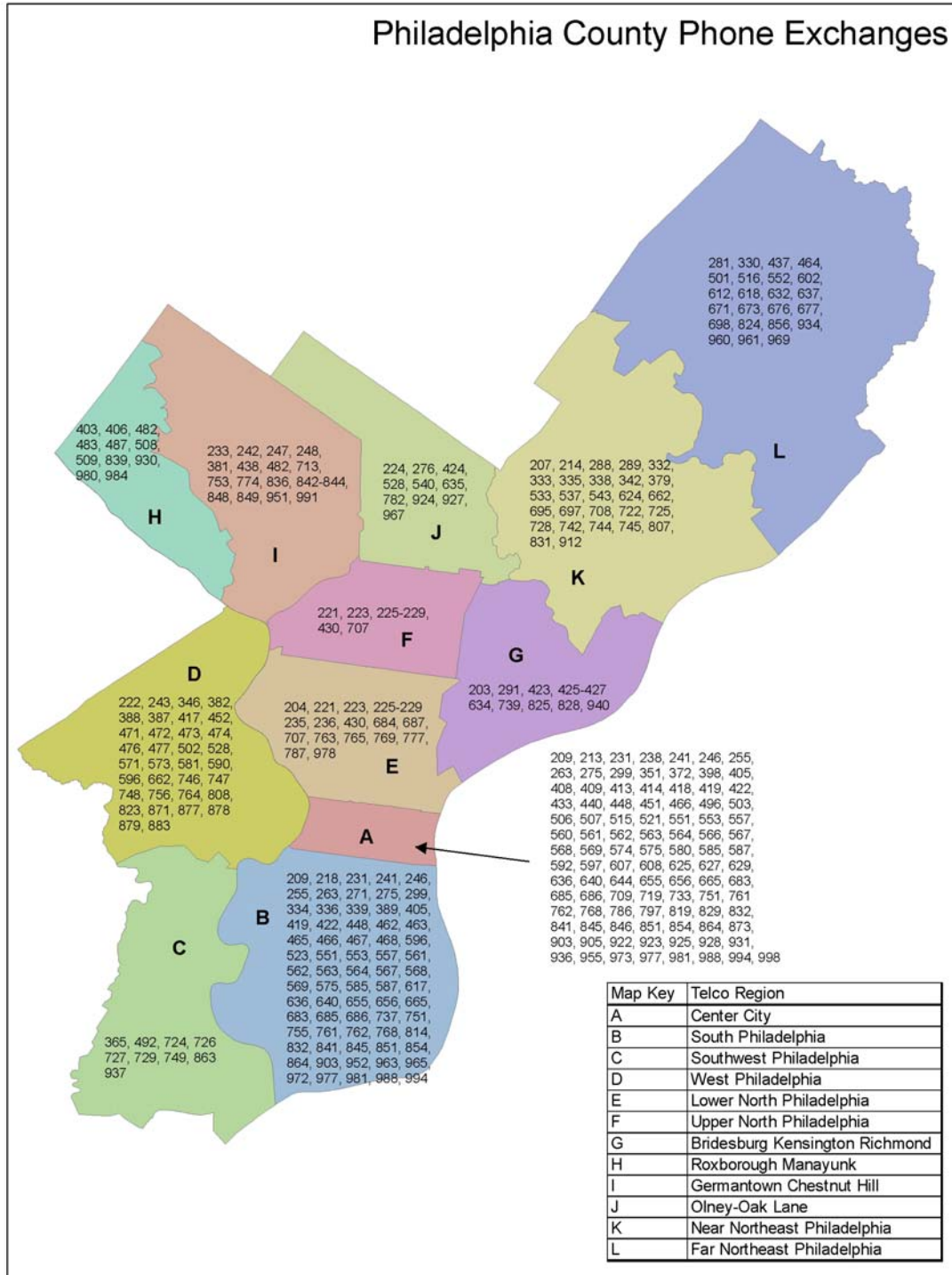
215	472	Sherwood	VERIZON PENNSYLVANIA, INC.
215	473	Trinity	VERIZON PENNSYLVANIA, INC.
215	474	Sherwood	VERIZON PENNSYLVANIA, INC.
215	476	Sherwood	VERIZON PENNSYLVANIA, INC.
215	477	Trinity	VERIZON PENNSYLVANIA, INC.
215	492	Eastwick	VERIZON PENNSYLVANIA, INC.
215	496	Locust	VERIZON PENNSYLVANIA, INC.
215	501	Knights Road	VERIZON PENNSYLVANIA, INC.
215	502	Trinity	VERIZON PENNSYLVANIA, INC.
215	503	Market	VERIZON PENNSYLVANIA, INC.
215	515	Market	VERIZON PENNSYLVANIA, INC.
215	516	Orchard	VERIZON PENNSYLVANIA, INC.
215	520	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	521	Market	VERIZON PENNSYLVANIA, INC.
215	523	Locust	VERIZON PENNSYLVANIA, INC.
215	528	Sherwood	VERIZON PENNSYLVANIA, INC.
215	533	Jefferson	VERIZON PENNSYLVANIA, INC.
215	535	Jefferson	VERIZON PENNSYLVANIA, INC.
215	537	Jefferson	VERIZON PENNSYLVANIA, INC.
215	543	Mayfair	VERIZON PENNSYLVANIA, INC.
215	545	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	546	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	548	Waverly	VERIZON PENNSYLVANIA, INC.
215	549	Waverly	VERIZON PENNSYLVANIA, INC.
215	551	Dewey	VERIZON PENNSYLVANIA, INC.
215	552	Orchard	VERIZON PENNSYLVANIA, INC.
215	553	Locust	VERIZON PENNSYLVANIA, INC.
215	557	Locust	VERIZON PENNSYLVANIA, INC.
215	560	Market	VERIZON PENNSYLVANIA, INC.
215	561	Locust	VERIZON PENNSYLVANIA, INC.
215	562	Locust	VERIZON PENNSYLVANIA, INC.
215	563	Locust	VERIZON PENNSYLVANIA, INC.
215	564	Locust	VERIZON PENNSYLVANIA, INC.
215	566	Market	VERIZON PENNSYLVANIA, INC.
215	567	Locust	VERIZON PENNSYLVANIA, INC.
215	568	Locust	VERIZON PENNSYLVANIA, INC.
215	569	Locust	VERIZON PENNSYLVANIA, INC.
215	571	Evergreen	VERIZON PENNSYLVANIA, INC.
215	573	Evergreen	VERIZON PENNSYLVANIA, INC.
215	574	Market	VERIZON PENNSYLVANIA, INC.
215	575	Locust	VERIZON PENNSYLVANIA, INC.
215	578	Trinity	VERIZON PENNSYLVANIA, INC.
215	580	Market	VERIZON PENNSYLVANIA, INC.
215	581	Trinity	VERIZON PENNSYLVANIA, INC.
215	585	Locust	VERIZON PENNSYLVANIA, INC.
215	587	Locust	VERIZON PENNSYLVANIA, INC.
215	590	Evergreen	VERIZON PENNSYLVANIA, INC.
215	592	Market	VERIZON PENNSYLVANIA, INC.

215	596	Evergreen	VERIZON PENNSYLVANIA, INC.
215	597	Market	VERIZON PENNSYLVANIA, INC.
215	602	Orchard	VERIZON PENNSYLVANIA, INC.
215	607	Market	VERIZON PENNSYLVANIA, INC.
215	608	Market	VERIZON PENNSYLVANIA, INC.
215	612	Knights Road	VERIZON PENNSYLVANIA, INC.
215	614	Evergreen	VERIZON PENNSYLVANIA, INC.
215	615	Evergreen	VERIZON PENNSYLVANIA, INC.
215	617	Dewey	VERIZON PENNSYLVANIA, INC.
215	618	Orchard	VERIZON PENNSYLVANIA, INC.
215	621	Davenport	VERIZON PENNSYLVANIA, INC.
215	624	Mayfair	VERIZON PENNSYLVANIA, INC.
215	625	Market	VERIZON PENNSYLVANIA, INC.
215	627	Market	VERIZON PENNSYLVANIA, INC.
215	629	Market	VERIZON PENNSYLVANIA, INC.
215	632	Knights Road	VERIZON PENNSYLVANIA, INC.
215	634	Regent	VERIZON PENNSYLVANIA, INC.
215	635	Elkins Park	VERIZON PENNSYLVANIA, INC.
215	636	Locust	VERIZON PENNSYLVANIA, INC.
215	637	Knights Road	VERIZON PENNSYLVANIA, INC.
215	640	Locust	VERIZON PENNSYLVANIA, INC.
215	644	Market	VERIZON PENNSYLVANIA, INC.
215	655	Locust	VERIZON PENNSYLVANIA, INC.
215	656	Locust	VERIZON PENNSYLVANIA, INC.
215	662	Evergreen	VERIZON PENNSYLVANIA, INC.
215	663	Cheltenham	VERIZON PENNSYLVANIA, INC.
215	665	Locust	VERIZON PENNSYLVANIA, INC.
215	670	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	671	Orchard	VERIZON PENNSYLVANIA, INC.
215	673	Orchard	VERIZON PENNSYLVANIA, INC.
215	676	Orchard	VERIZON PENNSYLVANIA, INC.
215	677	Orchard	VERIZON PENNSYLVANIA, INC.
215	683	Locust	VERIZON PENNSYLVANIA, INC.
215	684	Poplar	VERIZON PENNSYLVANIA, INC.
215	685	Locust	VERIZON PENNSYLVANIA, INC.
215	686	Locust	VERIZON PENNSYLVANIA, INC.
215	695	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	697	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	698	Orchard	VERIZON PENNSYLVANIA, INC.
215	707	Baldwin	VERIZON PENNSYLVANIA, INC.
215	708	Mayfair	VERIZON PENNSYLVANIA, INC.
215	709	Market	VERIZON PENNSYLVANIA, INC.
215	722	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	724	Saratoga	VERIZON PENNSYLVANIA, INC.
215	725	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	726	Saratoga	VERIZON PENNSYLVANIA, INC.
215	727	Saratoga	VERIZON PENNSYLVANIA, INC.
215	728	Pilgrim	VERIZON PENNSYLVANIA, INC.

215	729	Saratoga	VERIZON PENNSYLVANIA, INC.
215	730	Saratoga	VERIZON PENNSYLVANIA, INC.
215	731	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	732	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	733	Market	VERIZON PENNSYLVANIA, INC.
215	735	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	737	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	739	Regent	VERIZON PENNSYLVANIA, INC.
215	742	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	743	Jefferson	VERIZON PENNSYLVANIA, INC.
215	744	Jefferson	VERIZON PENNSYLVANIA, INC.
215	745	Pilgrim	VERIZON PENNSYLVANIA, INC.
215	746	Evergreen	VERIZON PENNSYLVANIA, INC.
215	747	Sherwood	VERIZON PENNSYLVANIA, INC.
215	748	Sherwood	VERIZON PENNSYLVANIA, INC.
215	749	Eastwick	VERIZON PENNSYLVANIA, INC.
215	751	Locust	VERIZON PENNSYLVANIA, INC.
215	753	Chestnut Hill	VERIZON PENNSYLVANIA, INC.
215	755	Dewey	VERIZON PENNSYLVANIA, INC.
215	761	Locust	VERIZON PENNSYLVANIA, INC.
215	762	Locust	VERIZON PENNSYLVANIA, INC.
215	763	Poplar	VERIZON PENNSYLVANIA, INC.
215	764	Sherwood	VERIZON PENNSYLVANIA, INC.
215	765	Poplar	VERIZON PENNSYLVANIA, INC.
215	769	Poplar	VERIZON PENNSYLVANIA, INC.
215	772	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	777	Poplar	VERIZON PENNSYLVANIA, INC.
215	782	Elkins Park	VERIZON PENNSYLVANIA, INC.
215	786	Market	VERIZON PENNSYLVANIA, INC.
215	787	Poplar	VERIZON PENNSYLVANIA, INC.
215	790	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	797	Market	VERIZON PENNSYLVANIA, INC.
215	807	Jefferson	VERIZON PENNSYLVANIA, INC.
215	814	Locust	VERIZON PENNSYLVANIA, INC.
215	823	Evergreen	VERIZON PENNSYLVANIA, INC.
215	824	Knights Road	VERIZON PENNSYLVANIA, INC.
215	829	Market	VERIZON PENNSYLVANIA, INC.
215	831	Jefferson	VERIZON PENNSYLVANIA, INC.
215	832	Locust	VERIZON PENNSYLVANIA, INC.
215	836	Flourtown	VERIZON PENNSYLVANIA, INC.
215	841	Locust	VERIZON PENNSYLVANIA, INC.
215	845	Locust	VERIZON PENNSYLVANIA, INC.
215	846	Market	VERIZON PENNSYLVANIA, INC.
215	851	Locust	VERIZON PENNSYLVANIA, INC.
215	854	Locust	VERIZON PENNSYLVANIA, INC.
215	856	Orchard	VERIZON PENNSYLVANIA, INC.
215	863	Eastwick	VERIZON PENNSYLVANIA, INC.
215	864	Locust	VERIZON PENNSYLVANIA, INC.

215	871	Trinity	VERIZON PENNSYLVANIA, INC.
215	873	Market	VERIZON PENNSYLVANIA, INC.
215	875	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	877	Trinity	VERIZON PENNSYLVANIA, INC.
215	878	Trinity	VERIZON PENNSYLVANIA, INC.
215	879	Trinity	VERIZON PENNSYLVANIA, INC.
215	883	Trinity	VERIZON PENNSYLVANIA, INC.
215	893	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	895	Evergreen	VERIZON PENNSYLVANIA, INC.
215	897	Dewey	VERIZON PENNSYLVANIA, INC.
215	898	Evergreen	VERIZON PENNSYLVANIA, INC.
215	903	Locust	VERIZON PENNSYLVANIA, INC.
215	912	Jefferson	VERIZON PENNSYLVANIA, INC.
215	922	Market	VERIZON PENNSYLVANIA, INC.
215	923	Market	VERIZON PENNSYLVANIA, INC.
215	924	Waverly	VERIZON PENNSYLVANIA, INC.
215	925	Market	VERIZON PENNSYLVANIA, INC.
215	927	Waverly	VERIZON PENNSYLVANIA, INC.
215	928	Market	VERIZON PENNSYLVANIA, INC.
215	931	Market	VERIZON PENNSYLVANIA, INC.
215	934	Orchard	VERIZON PENNSYLVANIA, INC.
215	936	Market	VERIZON PENNSYLVANIA, INC.
215	937	Eastwick	VERIZON PENNSYLVANIA, INC.
215	952	Dewey	VERIZON PENNSYLVANIA, INC.
215	955	Market	VERIZON PENNSYLVANIA, INC.
215	960	Orchard	VERIZON PENNSYLVANIA, INC.
215	961	Orchard	VERIZON PENNSYLVANIA, INC.
215	963	Locust	VERIZON PENNSYLVANIA, INC.
215	969	Orchard	VERIZON PENNSYLVANIA, INC.
215	972	Locust	VERIZON PENNSYLVANIA, INC.
215	973	Market	VERIZON PENNSYLVANIA, INC.
215	977	Locust	VERIZON PENNSYLVANIA, INC.
215	978	Poplar	VERIZON PENNSYLVANIA, INC.
215	979	Locust	VERIZON PENNSYLVANIA, INC.
215	981	Locust	VERIZON PENNSYLVANIA, INC.
215	985	Pennypacker	VERIZON PENNSYLVANIA, INC.
215	988	Locust	VERIZON PENNSYLVANIA, INC.
215	994	Locust	VERIZON PENNSYLVANIA, INC.

NPA	NXX		Company Name
267	216	Locust	VERIZON PENNSYLVANIA, INC.
267	256	Locust	VERIZON PENNSYLVANIA, INC.
267	321	Market	VERIZON PENNSYLVANIA, INC.
267	330	Locust	VERIZON PENNSYLVANIA, INC.
267	385	IvyRidge	VERIZON PENNSYLVANIA, INC.
267	402	Locust	VERIZON PENNSYLVANIA, INC.
267	425	Evergreen	VERIZON PENNSYLVANIA, INC.
267	426	Evergreen	VERIZON PENNSYLVANIA, INC.
267	570	Dewey	VERIZON PENNSYLVANIA, INC.
267	671	Market	VERIZON PENNSYLVANIA, INC.
267	675	Locust	VERIZON PENNSYLVANIA, INC.



4.4. Wireless Service Provider Areas/Tower Locations

Currently the City of Philadelphia has six (6) known wireless carriers operating in the city, Cingular, Sprint, Nextel, MetroPCS, T-Mobile and Verizon. The City is Phase II deployed with Cingular, Sprint, Nextel, T-Mobile and Verizon and Phase 0 with MetroPCS. MetroPCS is currently deploying.

Wireless Carriers:

Cingular-GSM			
Latitude	Longitude	Address	Municipality
39.9591	-75.2470	6250 WALNUT ST	PHILADELPHIA
39.9264	-75.1708	1900 S BROAD ST	PHILADELPHIA
39.9481	-75.1475	1301 CONSTITUTION PLACE. 325 CHESTNUT STREET	PHILADELPHIA
39.9569	-75.1633	245 N 15TH ST	PHILADELPHIA
39.9614	-75.1781	2200 BENJAMIN FRANKLIN PKY	PHILADELPHIA
39.9697	-75.1250	1607 N DELAWARE AVE	PHILADELPHIA
40.0081	-75.2061	3900 CITY AVE	PHILADELPHIA
39.9389	-75.2022	3508 GRAYS FERRY AVE	PHILADELPHIA
39.9383	-75.1636	1211-27 KIMBALL ST	PHILADELPHIA
39.9503	-75.1719	1831 CHESTNUT ST	PHILADELPHIA
39.9625	-75.1564	533 N 11TH ST	PHILADELPHIA
39.9083	-75.2283	6951 NORWITCH DR	PHILADELPHIA
39.9708	-75.1994	3813 PENNSGROVE ST	PHILADELPHIA
39.9911	-75.1733	2439 W YORK ST	PHILADELPHIA
39.9394	-75.1789	2101 WASHINGTON AVE	PHILADELPHIA
39.9533	-75.1611	1216 ARCH ST	PHILADELPHIA
40.0406	-75.2431	5150 UMBRIA ST	PHILADELPHIA
39.9283	-75.1478	1532 S FRONT ST	PHILADELPHIA
39.9106	-75.1931	3401 S 26TH ST	PHILADELPHIA
39.9575	-75.1442	401 N 3RD ST	PHILADELPHIA
40.0100	-75.1892	3520 INDIAN QUEEN LN	PHILADELPHIA
40.0133	-75.2014	3705 SCHOOL HOUSE LA	PHILADELPHIA
39.9636	-75.1886	501 N 32ND ST	PHILADELPHIA
39.9467	-75.1633	261 S 13TH ST	PHILADELPHIA
39.9861	-75.2517	6312 SHERWOOD RD	PHILADELPHIA
39.9525	-75.1775	2202 CHESTNUT ST	PHILADELPHIA
39.9536	-75.1536	117-125 N 8TH ST	PHILADELPHIA
39.8797	-75.2439	4509 ISLAND AVE	PHILADELPHIA
39.9456	-75.2261	780 S 52ND ST	PHILADELPHIA
39.9808	-75.2367	5621 LANCASTER AVE	PHILADELPHIA
39.9895	-75.2057	P1446 CONRAIL ACCESS RD	PHILADELPHIA
39.9546	-75.1849	3020 MARKET ST	PHILADELPHIA
39.9417	-75.1472	530 S 2ND ST	PHILADELPHIA
39.9042	-75.1714	PATTISON AVE & S 11TH ST	PHILADELPHIA

39.9627	-75.1695	1818-20 SPRING GARDEN ST	PHILADELPHIA
39.9475	-75.1957	809 S 34TH ST	PHILADELPHIA
39.9539	-75.1983	3720 WALNUT ST	PHILADELPHIA
39.9325	-75.2242	5601 PASCHALL AVE	PHILADELPHIA
39.8911	-75.2098	2 FORT MIFFLIN RD	PHILADELPHIA
39.9529	-75.1665	1515 MARKET ST	PHILADELPHIA
39.9592	-75.2251	23 S 52ND ST	PHILADELPHIA
39.9533	-75.1679	1234 MARKET ST	PHILADELPHIA
39.9011	-75.1736	3601 S BROAD ST	PHILADELPHIA
40.0002	-75.2279	1130 W WYNNEWOOD RD	PHILADELPHIA
39.9547	-75.2060	4111 WALNUT ST	PHILADELPHIA
39.9510	-75.1946	3401 SPRUCE ST	PHILADELPHIA
39.8835	-75.2522	9001 BARTRAM AVE	PHILADELPHIA
39.8997	-75.2376	3300 ISLAND AVE	PHILADELPHIA
39.9024	-75.2005	5400 PENROSE AVE	PHILADELPHIA
39.8978	-75.1722	1100 TERMINAL AVE	PHILADELPHIA
39.9151	-75.2473	2200 ISLAND AVE	PHILADELPHIA
39.9214	-75.2203	6220 EASTWICK AVE	PHILADELPHIA
39.9217	-75.1888	2460 W PASSYUNK AVE	PHILADELPHIA
39.9170	-75.1696	1316 SHUNK ST	PHILADELPHIA
39.9354	-75.2068	5100 BOTANIC AVE	PHILADELPHIA
39.9623	-75.1377	1 BROWN ST	PHILADELPHIA
39.9811	-75.2459	1101 N 63RD ST	PHILADELPHIA
39.9746	-75.2134	1238 BELMONT AVE	PHILADELPHIA
39.9636	-75.1749	2201 PENNSYLVANIA AVE	PHILADELPHIA
39.9822	-75.2071	BLACK AT W RIVER DR	PHILADELPHIA
39.9375	-75.1677	1100 S BROAD ST	PHILADELPHIA
39.9803	-75.1882	1500 NATRONA ST	PHILADELPHIA
40.0062	-75.1939	3216 FERRY RD	PHILADELPHIA
39.9464	-75.1846	500 S 27TH ST	PHILADELPHIA
39.9550	-75.1788	2301 MARKET ST	PHILADELPHIA
39.9570	-75.1718	1920 RACE ST	PHILADELPHIA
39.9450	-75.1707	1720 LOMBARD ST	PHILADELPHIA
39.8761	-75.2396	8000 ESSINGTON AVE	PHILADELPHIA
39.9614	-75.1488	601 SPRING GARDEN ST	PHILADELPHIA
39.9550	-75.1938	3501 CHESTNUT ST	PHILADELPHIA
39.9622	-75.1611	511 N BROAD ST	PHILADELPHIA
39.9581	-75.1602	302 N 13TH ST - W	PHILADELPHIA
39.9499	-75.2001	3850 WOODLAND AVE	PHILADELPHIA
39.9904	-75.2484	6100 CITY LINE AVE	PHILADELPHIA
39.9535	-75.1974	3730 WALNUT ST	PHILADELPHIA
39.9312	-75.1574	714 REED ST	PHILADELPHIA
40.0583	-75.2387	600 PORT ROYAL AVE	PHILADELPHIA
40.0028	-75.1608	1831 W ALLEGHENY AVE	PHILADELPHIA
40.0114	-75.0650	2251 FRALEY ST	PHILADELPHIA
40.0350	-75.0954	5501 WHITAKER AVE	PHILADELPHIA

40.0353	-75.1747	18 W CHELTEN AVE	PHILADELPHIA
39.9906	-75.1061	3300 TULIP ST	PHILADELPHIA
39.9872	-75.1381	2411 N AMERICAN ST	PHILADELPHIA
40.0339	-75.1356	700 W TABOR RD	PHILADELPHIA
40.0253	-75.0361	7112 JAMES ST	PHILADELPHIA
40.0072	-75.1194	501 E ERIE AVE	PHILADELPHIA
40.0506	-75.0525	7600 ROOSEVELT BLVD	PHILADELPHIA
40.0481	-75.1544	1137 N WOODSTOCK ST	PHILADELPHIA
40.0056	-75.0894	4035-37 ORCHARD ST	PHILADELPHIA
40.0544	-75.1269	6769 N 5TH ST	PHILADELPHIA
40.0311	-75.1856	633 W RITTENHOUSE ST	PHILADELPHIA
40.0378	-75.2111	6100 HENRY AVE	PHILADELPHIA
39.9944	-75.0775	4219 RICHMOND ST	PHILADELPHIA
40.0794	-75.2125	8835 GERMANTOWN AVE	PHILADELPHIA
40.0258	-75.1283	191 W ROOSEVELT BLVD	PHILADELPHIA
39.9972	-75.1233	3200 ST	PHILADELPHIA
40.0281	-75.1564	1950 W ROCKLAND ST	PHILADELPHIA
40.0472	-75.1928	6635 MC CALLUM ST	PHILADELPHIA
40.0519	-75.1750	825 E WASHINGTON LA	PHILADELPHIA
40.0200	-75.1629	240 ROBERTS AVE	PHILADELPHIA
40.1017	-75.0119	11000 ROOSEVELT BLVD	PHILADELPHIA
40.0414	-75.0125	8501 TORRESDALE AVE	PHILADELPHIA
40.0844	-74.9706	4042 WOODHAVEN RD	PHILADELPHIA
40.0883	-75.0397	1553 GRANT AVE	PHILADELPHIA
40.0625	-75.0425	8401 ROOSEVELT BLVD	PHILADELPHIA
40.0639	-75.0844	830 BLEIGH AVE	PHILADELPHIA
39.9494	-75.1941	3400 SPRUCE ST	PHILADELPHIA
39.9686	-75.1516	901 POPLAR ST	PHILADELPHIA
39.9786	-75.1092	2867 RICHMOND ST	PHILADELPHIA
39.9972	-75.1577	2815 N 17th ST	PHILADELPHIA
39.9941	-75.1120	1809 E ALLEGHENY AVE	PHILADELPHIA
40.0153	-75.1777	3097 ABBOTTSFORD AVE	PHILADELPHIA
40.0117	-75.1474	3812 OLD YORK RD	PHILADELPHIA
40.0095	-75.1152	4000 ST	PHILADELPHIA
40.0052	-75.0994	1440 E ERIE AVE	PHILADELPHIA
40.0085	-75.0726	4828 TACONY ST	PHILADELPHIA
40.0303	-75.1032	792 ADAMS AVE	PHILADELPHIA
40.0330	-75.0764	1602 BENNER ST	PHILADELPHIA
40.0352	-75.0424	7180 CHARLES ST	PHILADELPHIA
40.0372	-75.1441	5501 OLD YORK RD	PHILADELPHIA
40.0425	-75.0891	6159 OXFORD AVE	PHILADELPHIA
40.0795	-75.0321	9280 ROSSEVELT BLVD	PHILADELPHIA
40.1103	-75.0004	2071 BYBERRY RD	PHILADELPHIA
40.0667	-75.0738	7738 TABOR AVE	PHILADELPHIA
40.1072	-75.0407	527 RED LION RD	PHILADELPHIA
40.0742	-75.2104	201 W EVERGREEN AVE	PHILADELPHIA

39.9756	-75.1585	1432 N BROAD ST	PHILADELPHIA
40.0178	-75.0469	6490 STATE RD	PHILADELPHIA
39.9901	-75.0789	2851 LEWIS ST	PHILADELPHIA
40.0411	-75.0223	4300 HOLMESBURG AVE	PHILADELPHIA
40.0845	-75.0668	8580 VERREE RD	PHILADELPHIA
40.0325	-75.2138	6035 RIDGE AVE	PHILADELPHIA
40.0617	-75.1907	7301 GERMANTOWN AVE	PHILADELPHIA
40.0434	-75.1693	501 E PRICE ST	PHILADELPHIA
39.9600	-75.2000	51 N 39TH ST	PHILADELPHIA
39.9869	-75.1469	2301 N 9TH ST	PHILADELPHIA
40.0432	-75.1288	6019 N 5TH ST	PHILADELPHIA
39.9042	-75.1714	3601 S BROAD ST	PHILADELPHIA
39.9156	-75.1494	2525 S FRONT ST	PHILADELPHIA
39.9095	-75.1655	900 PACKER AVE	PHILADELPHIA

Cingular TDMA			
Latitude	Longitude	Address	Municipality
40.0583	-75.2387	600 PORT ROYAL AVE	PHILADELPHIA
40.0028	-75.1608	1831 W ALLEGHENY AVE	PHILADELPHIA
40.0114	-75.0650	2251 FRALEY ST	PHILADELPHIA
39.9591	-75.2470	6300 COBBS CREEK PKY	PHILADELPHIA
39.9264	-75.1708	1900 S BROAD ST	PHILADELPHIA
39.9614	-75.1781	2200 BENJAMIN FRANKLIN PKY	PHILADELPHIA
40.0350	-75.0954	5501 WHITAKER AVE	PHILADELPHIA
39.9697	-75.1250	1607 N DELAWARE AVE	PHILADELPHIA
40.0081	-75.2061	3900 CITY AVE	PHILADELPHIA
39.9389	-75.2022	3508 GRAYS FERRY AVE	PHILADELPHIA
40.0353	-75.1747	18 W CHELTEN AVE	PHILADELPHIA
39.9383	-75.1636	1211 KIMBALL ST	PHILADELPHIA
39.9625	-75.1564	533 N 11TH ST	PHILADELPHIA
39.9083	-75.2283	6951 NORWITCH DR	PHILADELPHIA
39.9708	-75.1994	3813 PENNSGROVE ST	PHILADELPHIA
39.9911	-75.1733	2439 W YORK ST	PHILADELPHIA
39.9394	-75.1789	2037 WASHINGTON AVE	PHILADELPHIA
39.9906	-75.1061	3300 TULIP ST	PHILADELPHIA
39.9872	-75.1381	2400 N AMERICAN ST	PHILADELPHIA
40.0339	-75.1356	700 W TABOR RD	PHILADELPHIA
39.9533	-75.1611	1216 ARCHER ST	PHILADELPHIA
39.9007	-75.1522	OUTDOOR SYSTEMS 124 EAST PATTISON AVENUE	PHILADELPHIA
40.0253	-75.0361	7112 JAMES ST	PHILADELPHIA
40.0072	-75.1194	501 E ERIE AVE	PHILADELPHIA
40.0406	-75.2431	5150 UMBRIA ST	PHILADELPHIA
39.9283	-75.1478	1532 S FRONT ST	PHILADELPHIA

39.9106	-75.1931	3401 S 26TH ST	PHILADELPHIA
39.9575	-75.1442	401 N THIRD ST	PHILADELPHIA
40.0100	-75.1892	3520 INDIAN QUEEN LA	PHILADELPHIA
40.0133	-75.2014	3705 SCHOOL HOUSE LA	PHILADELPHIA
40.0506	-75.0525	7600 ROOSEVELT BLVD	PHILADELPHIA
40.0481	-75.1544	1137 N WOODSTOCK ST	PHILADELPHIA
40.0056	-75.0894	4035-37 ORCHARD ST	PHILADELPHIA
39.9636	-75.1886	501 N 32ND ST	PHILADELPHIA
40.0544	-75.1269	6769 N 5TH ST	PHILADELPHIA
39.9467	-75.1633	PARKER HOTEL 261 SOUTH 13TH STREET	PHILADELPHIA
39.9861	-75.2517	6312 SHERWOOD RD	PHILADELPHIA
39.9755	-75.1602	ANTOINETTE APTS 1429 NORTH 15TH ST	PHILADELPHIA
39.9525	-75.1775	2202 CHESTNUT ST	PHILADELPHIA
40.0378	-75.2111	6100 HENRY AVE	PHILADELPHIA
39.8797	-75.2439	4509 ISLAND AVE	PHILADELPHIA
39.9944	-75.0775	4219 RICHMOND ST	PHILADELPHIA
40.0644	-75.1972	7500 GERMANTOWN AVE	PHILADELPHIA
40.0258	-75.1283	191 W ROOSEVELT BLVD	PHILADELPHIA
39.9972	-75.1233	3200 C STREET	PHILADELPHIA
40.0281	-75.1564	1950 W ROCKLAND ST	PHILADELPHIA
39.9456	-75.2261	780 S 52ND ST	PHILADELPHIA
39.9808	-75.2367	5621 LANCASTER AVE	PHILADELPHIA
39.9895	-75.2057	P1446 CONRAIL ACCESS RD	PHILADELPHIA
39.9469	-75.1547	210 W WASHINGTON SQUARE	PHILADELPHIA
39.9546	-75.1849	3020 MARKET ST	PHILADELPHIA
39.9417	-75.1472	ABBOTTS SQUARE 530 SOUTH 2ND ST	PHILADELPHIA
40.0472	-75.1928	6635 MC CALLUM ST	PHILADELPHIA
39.9042	-75.1714	3601 S BROAD ST	PHILADELPHIA
39.9627	-75.1695	1818-20 SPRING GARDEN ST	PHILADELPHIA
39.9156	-75.1494	2525 S FRONT ST	PHILADELPHIA
40.0519	-75.1750	825 E WASHINGTON LA	PHILADELPHIA
39.9475	-75.1957	809 S 34TH ST	PHILADELPHIA
39.9539	-75.1983	3720 WALNUT ST	PHILADELPHIA
39.9325	-75.2242	5601 PASCHALL AVE	PHILADELPHIA
39.8911	-75.2098	2 FORT MIFFLIN RD	PHILADELPHIA
39.9529	-75.1665	1515 MARKET ST	PHILADELPHIA
39.9592	-75.2251	23 S 52ND ST	PHILADELPHIA
39.9533	-75.1679	1234 MARKET ST	PHILADELPHIA
39.9011	-75.1725	3601 S BROAD ST	PHILADELPHIA
40.0002	-75.2279	4920 CITY AVE	PHILADELPHIA
40.0200	-75.1629	240 ROBERTS AVE	PHILADELPHIA
39.9547	-75.2060	240 ROBERTS AVE	PHILADELPHIA
40.1017	-75.0119	11000 ROOSEVELT BLVD	PHILADELPHIA
40.0414	-75.0125	8501 TORRESDALE AVE	PHILADELPHIA
40.0844	-74.9706	4042 R WOODHAVEN RD	PHILADELPHIA

40.0883	-75.0397	1553 GRANT AVE	PHILADELPHIA
40.0625	-75.0425	8401 ROOSEVELT BLVD	PHILADELPHIA
40.0639	-75.0844	830 BLEIGH AVE	PHILADELPHIA

NEXTEL			
<i>Latitude</i>	<i>Longitude</i>	<i>Address</i>	<i>Municipality</i>
40.0156	-75.1106	811 E CAYUGA ST	PHILADELPHIA
39.9122	-75.1839	2015 PENROSE AV	PHILADELPHIA
40.0378	-75.0169	8301 TORRESDALE AV	PHILADELPHIA
39.9519	-75.1714	1831 CHESTNUT ST	PHILADELPHIA
39.9597	-75.1606	401 N BROAD ST	PHILADELPHIA
39.9522	-75.1664	1500 MARKET ST	PHILADELPHIA
39.9639	-75.1750	2201 PENNSYLVANIA AV	PHILADELPHIA
39.9042	-75.2368	7500 LINDERGH AV	PHILADELPHIA
39.9489	-75.1469	325 CHESTNUT ST	PHILADELPHIA
39.9894	-75.2053	1700 BELMONT AV	PHILADELPHIA
39.9808	-75.2458	1101 N 63RD ST	PHILADELPHIA
39.9553	-75.1967	3701 CHESTNUT ST	PHILADELPHIA
39.9708	-75.1472	625 W GIRARD AV	PHILADELPHIA
39.9372	-75.1681	1100 S BROAD ST	PHILADELPHIA
40.0592	-75.0847	7210 OXFORD AV	PHILADELPHIA
39.9419	-75.1842	2454 CHRISTIAN ST	PHILADELPHIA
39.9725	-75.1594	1220 N BROAD ST	PHILADELPHIA
40.0800	-75.2119	8835 GERMANTOWN AV	PHILADELPHIA
40.0583	-75.2387	8200 RIDGE AV	PHILADELPHIA
40.0294	-75.2275	161 LEVERINGTON AV	PHILADELPHIA
39.8889	-75.2322	4509 ISLAND AV	PHILADELPHIA
39.9975	-75.1869	3497 RIDGE AV	PHILADELPHIA
40.0119	-75.0622	2251 FRALEY ST	PHILADELPHIA
39.9869	-75.1056	2424 E ALLEGHENY AV	PHILADELPHIA
39.9115	-75.1501	2805 S FRONT ST	PHILADELPHIA
39.9593	-75.2469	6250 WALNUT ST	PHILADELPHIA
40.0806	-75.0264	9501 ROOSEVELT BLVD	PHILADELPHIA
40.0372	-75.1433	5501 OLD YORK RD	PHILADELPHIA
40.0311	-75.0983	4640 ROOSEVELT BLVD	PHILADELPHIA
40.0564	-75.0453	2607 RHAWN ST	PHILADELPHIA
40.0158	-75.1508	1600 W HUNTING PARK AV	PHILADELPHIA
40.0033	-75.1217	431 E TIOGA ST	PHILADELPHIA
39.9944	-75.1539	2701 N BROAD ST	PHILADELPHIA
39.9486	-75.1564	919 WALNUT ST	PHILADELPHIA
39.9247	-75.1708	1425 SNYDER AV	PHILADELPHIA
39.9264	-75.1875	2001 POINT BREEZE AV	PHILADELPHIA
39.9017	-75.1725	3601 S BROAD ST	PHILADELPHIA
39.9792	-75.1861	1500 N 31ST ST	PHILADELPHIA

39.8906	-75.2094	2 FORT MIFFLIN RD	PHILADELPHIA
39.9325	-75.2242	5708 WOODLAND AV	PHILADELPHIA
39.9756	-75.2267	5188 BIBLEWAY ST	PHILADELPHIA
39.9279	-75.1476	1532 S FRONT ST	PHILADELPHIA
39.9547	-75.2201	242 S 49TH ST	PHILADELPHIA
39.9521	-75.1846	3001 WALNUT ST	PHILADELPHIA
39.9570	-75.1765	2201 CHERRY ST	PHILADELPHIA
40.0499	-75.0038	9167 FRANKFORD AV	PHILADELPHIA
39.9150	-75.2202	6600 ESSINGTON AV	PHILADELPHIA
39.9150	-75.2472	2230 ISLAND AV	PHILADELPHIA
39.9983	-75.0797	4220 ALMOND ST	PHILADELPHIA
39.9534	-75.1747	2040 MARKET ST	PHILADELPHIA
39.9685	-75.2055	4035 PARRISH ST	PHILADELPHIA
39.9583	-75.1479	501 CALLOWHILL ST	PHILADELPHIA
40.0847	-75.0672	8580 VERREE RD	PHILADELPHIA
40.0245	-75.0355	4943 PRINCETON AV	PHILADELPHIA
39.9536	-75.2083	4231 LOCUST ST	PHILADELPHIA
39.8781	-75.2450	4509 ISLAND AV	PHILADELPHIA
39.9427	-75.1709	734 S 17TH ST	PHILADELPHIA
39.9539	-75.1606	1216 ARCH ST	PHILADELPHIA
40.0000	-75.2272	4920 CITY LINE AV	PHILADELPHIA
39.9893	-75.2511	6318 CITY LINE AV	PHILADELPHIA
39.9414	-75.1458	530 S 02ND ST	PHILADELPHIA
39.9314	-75.1572	714 REED ST	PHILADELPHIA
39.9911	-75.1344	166 W LEHIGH AV	PHILADELPHIA
40.0164	-75.1741	4700 WISSAHICKON AV	PHILADELPHIA
39.9525	-75.1406	100 N CHRIS COLUMBUS BLVD	PHILADELPHIA
39.9045	-75.1920	3700 SHEAFF LA	PHILADELPHIA
40.0390	-75.0674	6652 BUSTLETON AV	PHILADELPHIA
40.0949	-75.0117	11311 ROOSEVELT BLVD	PHILADELPHIA
40.0039	-75.1678	2301 W ALLEGHENY AV	PHILADELPHIA
39.9803	-75.1203	2400 E HUNTINGDON ST	PHILADELPHIA
39.9568	-75.1655	1513 RACE ST	PHILADELPHIA
39.9506	-75.1525	714 MARKET ST	PHILADELPHIA
39.9418	-75.1591	700 S 10TH ST	PHILADELPHIA
40.0225	-75.1298	231 W WYOMING AV	PHILADELPHIA
40.0269	-75.1150	425 E ROOSEVELT BLVD	PHILADELPHIA
39.9636	-75.1889	501 N 32ND ST	PHILADELPHIA
39.9095	-75.1655	900 PACKER AV	PHILADELPHIA
39.9622	-75.1534	915 SPRING GARDEN ST	PHILADELPHIA
39.9871	-75.1558	2221-25 N BROAD ST	PHILADELPHIA
40.0033	-75.1375	3401 N 05TH ST	PHILADELPHIA
39.9486	-75.1947	3415 CIVIC CENTER BLVD	PHILADELPHIA
40.0367	-75.0414	7254 FRANKFORD AV	PHILADELPHIA
39.9887	-75.2272	5100 LEBANON AV	PHILADELPHIA
40.0358	-75.1744	5627 GERMANTOWN AV	PHILADELPHIA

39.9686	-75.2330	5620 WYALUSING AV	PHILADELPHIA
39.9609	-75.2006	3900 WARREN ST	PHILADELPHIA
40.0412	-75.0885	6202 OXFORD AV	PHILADELPHIA
39.9777	-75.1440	1730 N 05TH ST	PHILADELPHIA
39.9892	-75.1744	2520 W SEDGLEY AV	PHILADELPHIA
39.9186	-75.1577	2420 S 6TH ST	PHILADELPHIA
39.9383	-75.1546	849 S 7 ST	PHILADELPHIA
40.0397	-75.1582	1 PENN BLVD	PHILADELPHIA
40.0254	-75.1819	5450 WISSAHICKON AV	PHILADELPHIA
39.9295	-75.1783	1729 S 20TH ST	PHILADELPHIA
40.0636	-75.0588	1807 RHAWN ST	PHILADELPHIA
39.9787	-75.1093	2857 RICHMOND ST	PHILADELPHIA
40.0357	-75.1200	101 E OLNEY AV	PHILADELPHIA
39.9228	-75.2400	6808 GREENWAY AV	PHILADELPHIA
39.9003	-75.2361	7777 BREWSTER AV	PHILADELPHIA
40.0280	-75.0590	6329 FRANKFORD AV	PHILADELPHIA
40.0270	-75.1401	4901 N 10TH ST	PHILADELPHIA
39.9942	-75.1119	1940 E ALLEGHENY AV	PHILADELPHIA
40.0017	-75.0942	2070 WHEATSHEAF LA	PHILADELPHIA
40.0220	-75.1595	4433 WAYNE AV	PHILADELPHIA
40.0090	-75.1516	3650-54 N BROAD ST	PHILADELPHIA
39.9592	-75.2248	23 S 52ND ST	PHILADELPHIA
39.9583	-75.2318	5500 SANSOM ST	PHILADELPHIA
40.0058	-75.1042	1241 E ERIE AV	PHILADELPHIA
39.9868	-75.1471	2301 N 9TH ST	PHILADELPHIA
39.9947	-75.1628	1826 W LEHIGH AV	PHILADELPHIA
40.1119	-75.0350	10082 SANDMEYER LA	PHILADELPHIA
40.0526	-75.1734	825 E WASHINGTON LA	PHILADELPHIA
40.0594	-75.1906	7133 GERMANTOWN AV	PHILADELPHIA
40.1106	-75.0011	2071 BYBERRY RD	PHILADELPHIA
40.0829	-74.9983	1036 DRUMMOND RD	PHILADELPHIA
40.0443	-75.1887	229 W UPSAL ST	PHILADELPHIA
40.0594	-75.1500	6848 OGONTZ AV	PHILADELPHIA
40.0847	-75.0420	9301 KREWSTON RD	PHILADELPHIA
40.0203	-75.0846	4840 LEIPER ST	PHILADELPHIA

Sprint			
Latitude	Longitude	Address	Municipality
40.0622	-75.1897	7301 GERMANTOWN AV	PHILADELPHIA
40.0306	-75.0975	4640 ROOSEVELT BLVD	PHILADELPHIA
40.0172	-75.0413	5250 UNRUH AV	PHILADELPHIA
40.0431	-75.0058	4801 PENNYPACK ST	PHILADELPHIA
40.1103	-75.0017	1900 WOODHAVEN RD	PHILADELPHIA
40.07	-75.0903	7600 CENTRAL AV	PHILADELPHIA

40.0725	-75.0389	2375 WOODARD ST	PHILADELPHIA
40.0544	-75.1269	6769 N 5TH ST	PHILADELPHIA
40.0722	-75.1883	7600 STENTON AV	PHILADELPHIA
40.0419	-75.1108	300 E GODFREY AV	PHILADELPHIA
40.0194	-75.0817	4900 FRANKFORD AV	PHILADELPHIA
40.0389	-75.0681	6600 BUSTLETON AV	PHILADELPHIA
40.0878	-74.9684	12121 KNIGHTS RD	PHILADELPHIA
40.1072	-75.0478	252 GEIGER RD	PHILADELPHIA
40.0519	-75.1419	6455 N BROAD ST	PHILADELPHIA
40.0340	-75.045	7049 FRANKFORD AV	PHILADELPHIA
40.0842	-74.9972	10360 DRUMMOND RD	PHILADELPHIA
40.0844	-75.0672	8580 VERREE RD	PHILADELPHIA
40.0419	-75.0888	6202 OXFORD AV	PHILADELPHIA
40.0891	-75.0389	1553 GRANT AV	PHILADELPHIA
40.0662	-75.1657	1701 E WASHINGTON LA	PHILADELPHIA
40.0644	-75.0216	9216 ASHTON RD	PHILADELPHIA
40.0182	-75.061	5915 DITMAN ST	PHILADELPHIA
40.0161	-75.1519	1600 W HUNTING PARK AV	PHILADELPHIA
40.0381	-75.145	5501 OLD YORK RD	PHILADELPHIA
40.0308	-75.1864	633 W RITTENHOUSE ST	PHILADELPHIA
39.9942	-75.1539	2701 N BROAD ST	PHILADELPHIA
39.9731	-75.1594	1220 N BROAD ST	PHILADELPHIA
39.9586	-75.1617	317 N BROAD ST	PHILADELPHIA
39.9539	-75.1581	1027 ARCH ST	PHILADELPHIA
39.9483	-75.165	230 S BROAD ST	PHILADELPHIA
39.9247	-75.1708	1425 SNYDER AV	PHILADELPHIA
39.9456	-75.1872	600 SCHUYLKILL AV	PHILADELPHIA
39.9589	-75.1461	444 N 4TH ST	PHILADELPHIA
39.9658	-75.1331	1080 N DELAWARE AV	PHILADELPHIA
39.9578	-75.1778	158 N 23RD ST	PHILADELPHIA
39.9561	-75.2042	4025 CHESTNUT ST	PHILADELPHIA
39.9247	-75.1447	1800 CHRIS COLUMBUS BLVD	PHILADELPHIA
39.9331	-75.2017	3401 MOORE ST	PHILADELPHIA
39.9975	-75.1244	300 E ALLEGHENY AV	PHILADELPHIA
39.9892	-75.1744	2526 W SEDGLEY AV	PHILADELPHIA
39.9748	-75.1953	3400 W GIRARD AV	PHILADELPHIA
39.9058	-75.1917	3600 SHEAFF LA	PHILADELPHIA
39.9022	-75.1522	56 PATTISON AV	PHILADELPHIA
40.0144	-75.1758	3245 STOKLEY ST	PHILADELPHIA
39.8892	-75.2325	4509 ISLAND AV	PHILADELPHIA
40.0389	-75.2436	7200 UMBIRA ST	PHILADELPHIA
40.0158	-75.1106	811 E CAYGA ST	PHILADELPHIA
39.9944	-75.0767	4219 RICHMOND ST	PHILADELPHIA
39.9789	-75.1108	2857 RICHMOND ST	PHILADELPHIA
39.9461	-75.2258	780 S 52ND ST	PHILADELPHIA
39.9325	-75.2242	5708 WOODLAND AV	PHILADELPHIA
40.0583	-75.2389	8200 RIDGE AV	PHILADELPHIA
39.9903	-75.2489	6100 CITY AV	PHILADELPHIA

39.941	-75.1527	704 S 6TH ST	PHILADELPHIA
39.9486	-75.1728	1810 RITTENHOUSE SQ	PHILADELPHIA
39.9589	-75.2244	23 S 52ND ST	PHILADELPHIA
39.9856	-75.1292	2444 EMERALD ST	PHILADELPHIA
39.8778	-75.2444	8000 ESSINGTON AV	PHILADELPHIA
39.9394	-75.1772	2101 WASHINGTON AV	PHILADELPHIA
39.9569	-75.1728	1920 RACE ST	PHILADELPHIA
39.9443	-75.2132	1201 S 47TH ST	PHILADELPHIA
39.9153	-75.2467	2200 ISLAND AV	PHILADELPHIA
39.9097	-75.1656	900 PACKER AV	PHILADELPHIA
40.0028	-75.165	2100 W ALLEGHENY AV	PHILADELPHIA
40.0522	-75.1731	825 E WASHINGTON LA	PHILADELPHIA
40.0031	-75.1375	3401 N 5TH ST	PHILADELPHIA
40.0258	-75.1281	191 W ROOSEVELT BLVD	PHILADELPHIA
40.0272	-75.16	4709 STENTON AV	PHILADELPHIA
39.98	-75.2342	5610 LANCASTER AV	PHILADELPHIA
39.9544	-75.1622	1321 ARCH ST	PHILADELPHIA
39.9372	-75.1672	1100 S BROAD ST	PHILADELPHIA
39.9212	-75.1878	2514 S 24TH ST	PHILADELPHIA
39.9018	-75.1725	3601 S BROAD ST	PHILADELPHIA
39.9715	-75.1703	909 CORINTIAN AV	PHILADELPHIA
40.0075	-75.1858	3502 SCOTTS LA	PHILADELPHIA
39.968	-75.2051	4035 PARRISH ST	PHILADELPHIA
39.9493	-75.2001	400 UNIVERSITY AV	PHILADELPHIA
39.9592	-75.2472	6250 WALNUT ST	PHILADELPHIA
40.0161	-75.1347	4231 N 5TH ST	PHILADELPHIA
40.0014	-75.2236	2805 N 47TH ST	PHILADELPHIA
39.9864	-75.2067	31450 SCHUYLKILL EXPY	PHILADELPHIA
39.9869	-75.1564	2225 N BROAD ST	PHILADELPHIA
40.0462	-75.1919	6635 MC CALLUM ST	PHILADELPHIA
39.9522	-75.14	100 N CHRIS COLUMBUS BLVD	PHILADELPHIA
40.0064	-75.1864	3101 W GLENWOOD AV	PHILADELPHIA
39.9494	-75.1678	1601 WALNUT ST	PHILADELPHIA
39.9314	-75.1578	714 REED ST	PHILADELPHIA
39.9492	-75.1569	921 WALNUT ST	PHILADELPHIA
39.9972	-75.1008	2100 E VENANGO ST	PHILADELPHIA
39.9725	-75.2492	6501 HAVERFORD AV	PHILADELPHIA
39.9549	-75.194	3501 CHESTNUT ST	PHILADELPHIA
40.026	-75.2251	108 LEVERING ST	PHILADELPHIA
39.9142	-75.2208	6600 ESSINGTON AV	PHILADELPHIA
40.0431	-75.1693	501 E PRICE ST	PHILADELPHIA
39.9661	-75.1783	2401 PENNSYLVANIA AV	PHILADELPHIA
40.0301	-75.144	1220 LINDLEY AV	PHILADELPHIA
39.9914	-75.1396	2622 N LAWRENCE ST	PHILADELPHIA
39.9792	-75.1364	165 W BERKS ST	PHILADELPHIA
39.9492	-75.1473	325 CHESTNUT ST	PHILADELPHIA
40.0433	-75.1287	6019 N 5TH ST	PHILADELPHIA
39.9295	-75.1783	1733 S 20TH ST	PHILADELPHIA

39.9536	-75.1531	125 N 8TH ST	PHILADELPHIA
40.0272	-75.115	425 E ROOSEVELT BLVD	PHILADELPHIA
40.0478	-75.1544	6114 N 20TH ST	PHILADELPHIA
39.9614	-75.1998	3870 LANCASTER AV	PHILADELPHIA
39.9176	-75.1581	2501 S MARSHALL ST	PHILADELPHIA
40.0372	-75.2114	6100 HENRY AV	PHILADELPHIA
40.0057	-75.0889	4035 ORCHARD ST	PHILADELPHIA
39.874	-75.2569	8000 ESSINGTON AV	PHILADELPHIA
39.9514	-75.1758	118 S 21ST ST	PHILADELPHIA
40.0113	-75.1441	1011 W BUTLER ST	PHILADELPHIA

T-Mobile				
Latitude	Longitude	Address	Community	County
40.0614	-74.9769	744 WALNUT AV BLDG #2	Bensalem	Bucks
40.0713	-74.9518	1750 WOODHAVEN RD	BENSALEM	Philadelphia
40.0058	-75.2229	50 BELMONT AV	Lower Merion	Montgomery
40.1208	-75.0375	2955 FRANK CT	BRYN ATHYN	PHILADELPHIA
40.0828	-74.9689	4200 WOODHAVEN RD	PHILADELPHIA	PHILADELPHIA
40.1105	-75.0006	2071 BYBERRY RD	PHILADELPHIA	PHILADELPHIA
40.1006	-75.0258	1320 RED LION RD	PHILADELPHIA	PHILADELPHIA
40.1089	-75.0478	225 GEIGER RD	PHILADELPHIA	PHILADELPHIA
40.1219	-75.0139	730 BYBERRY RD	PHILADELPHIA	PHILADELPHIA
40.0806	-75.0281	9501 ROOSEVELT BLVD	PHILADELPHIA	PHILADELPHIA
40.0814	-74.9992	10360 DRUMMOND RD	PHILADELPHIA	PHILADELPHIA
40.0506	-75.0044	9167 FRANKFORD AV	PHILADELPHIA	PHILADELPHIA
40.0381	-75.0158	8301 TORRESDALE AV	PHILADELPHIA	PHILADELPHIA
40.0172	-75.0422	5250 UNRUH AV	PHILADELPHIA	PHILADELPHIA
40.0442	-75.0567	2608 COTTMAN AV	PHILADELPHIA	PHILADELPHIA
40.0564	-75.0453	2607 RHAWN ST	PHILADELPHIA	PHILADELPHIA
40.0589	-75.0856	7210 OXFORD AV	PHILADELPHIA	PHILADELPHIA
40.0197	-75.0822	4900 FRANKFORD AV	PHILADELPHIA	PHILADELPHIA
40.0053	-75.1000	1440 E ERIE AV	PHILADELPHIA	PHILADELPHIA
39.9872	-75.0889	2950 CASTOR AV	PHILADELPHIA	PHILADELPHIA
39.9661	-75.1336	1080 N DELAWARE AV	PHILADELPHIA	PHILADELPHIA
39.9951	-75.1283	124 E INDIANA AV	PHILADELPHIA	PHILADELPHIA
39.9767	-75.1347	1746 N FRONT ST	PHILADELPHIA	PHILADELPHIA
39.9950	-75.1550	2701 N BROAD ST	PHILADELPHIA	PHILADELPHIA
40.0125	-75.1325	320 W HUNTING PARK AV	PHILADELPHIA	PHILADELPHIA
40.0258	-75.1275	191 W ROOSEVELT BLVD	PHILADELPHIA	PHILADELPHIA
40.0308	-75.0986	4640 ROOSEVELT BLVD	PHILADELPHIA	PHILADELPHIA
40.0383	-75.1075	5695 RINSING SUN AV	PHILADELPHIA	PHILADELPHIA
40.0339	-75.1346	700 W TABOR RD	PHILADELPHIA	PHILADELPHIA
40.0519	-75.1422	6455 N BROAD ST	PHILADELPHIA	PHILADELPHIA
39.9883	-75.1056	3211 CEDAR ST	PHILADELPHIA	PHILADELPHIA

40.0594	-75.1906	7138 CHEW AV	PHILADELPHIA	PHILADELPHIA
39.9789	-75.2714	7600 CITY LINE AV	PHILADELPHIA	PHILADELPHIA
40.0417	-75.2400	329 DOMINO LA	PHILADELPHIA	PHILADELPHIA
40.0083	-75.2094	3900 CITY LINE AV	PHILADELPHIA	PHILADELPHIA
40.0378	-75.1611	5143 BELFIELD AV	PHILADELPHIA	PHILADELPHIA
40.0161	-75.1781	2905 ABBOTTSFORD AV	PHILADELPHIA	PHILADELPHIA
40.0587	-75.1655	1340 E WASHINGTON LA	PHILADELPHIA	PHILADELPHIA
40.0447	-75.1814	6365 GERMANTOWN AV	PHILADELPHIA	PHILADELPHIA
40.0281	-75.1847	515 W CHELTEN AV	PHILADELPHIA	PHILADELPHIA
40.0250	-75.2222	4313 MAIN ST	PHILADELPHIA	PHILADELPHIA
40.0592	-75.2389	8200 RIDGE AV	PHILADELPHIA	PHILADELPHIA
40.0794	-75.2131	8855 GERMA NTOWN AV	PHILADELPHIA	PHILADELPHIA
40.0642	-75.1967	7500 GERMANTOWN AV	PHILADELPHIA	PHILADELPHIA
40.0375	-75.2106	6100 HENRY AV	PHILADELPHIA	PHILADELPHIA
39.9731	-75.1983	3803 PENNSGROVE ST	PHILADELPHIA	PHILADELPHIA
39.9907	-75.2481	6100 CITY LINE AV	PHILADELPHIA	PHILADELPHIA
39.9756	-75.2400	5944 LANSDOWNE AV	PHILADELPHIA	PHILADELPHIA
39.9897	-75.2053	34149 SCHUYLKILL EXP	PHILADELPHIA	PHILADELPHIA
39.9614	-75.1775	2200 BEN FRANKLIN PKWY	PHILADELPHIA	PHILADELPHIA
39.9554	-75.1971	3701 CHESTNUT ST	PHILADELPHIA	PHILADELPHIA
39.9542	-75.1722	1900 JOHN F KENNEDY BLVD	PHILADELPHIA	PHILADELPHIA
39.9545	-75.1846	3020 MARKET ST	PHILADELPHIA	PHILADELPHIA
39.9389	-75.1839	2400 WASHINGTON AV	PHILADELPHIA	PHILADELPHIA
39.9450	-75.1697	1720 LOMBARD ST	PHILADELPHIA	PHILADELPHIA
39.9506	-75.1739	135 S 20TH ST	PHILADELPHIA	PHILADELPHIA
39.9803	-75.1867	3100 W OXFORD ST	PHILADELPHIA	PHILADELPHIA
39.9540	-75.1668	1617 JOHN F KENNEDY BLVD	PHILADELPHIA	PHILADELPHIA
39.9497	-75.1672	1601 WALNUT ST	PHILADELPHIA	PHILADELPHIA
39.9504	-75.1636	115 S BROAD ST	PHILADELPHIA	PHILADELPHIA
39.9585	-75.1614	317 N BROAD ST	PHILADELPHIA	PHILADELPHIA
39.9589	-75.1561	1023 CALLOWHILL ST	PHILADELPHIA	PHILADELPHIA
39.9537	-75.1603	1216 ARCH ST	PHILADELPHIA	PHILADELPHIA
39.9514	-75.1594	34 S 11TH ST	PHILADELPHIA	PHILADELPHIA
39.9417	-75.1578	700 S 10TH ST	PHILADELPHIA	PHILADELPHIA
39.9533	-75.1531	117 N 08TH ST	PHILADELPHIA	PHILADELPHIA
39.9503	-75.1533	714 MARKET ST	PHILADELPHIA	PHILADELPHIA
39.9472	-75.1539	210 W WASHINGTON SQ	PHILADELPHIA	PHILADELPHIA
39.9412	-75.1460	530 S 2ND ST	PHILADELPHIA	PHILADELPHIA
39.9539	-75.1431	211 N 2ND ST	PHILADELPHIA	PHILADELPHIA
39.9497	-75.1472	400 MARKET ST	PHILADELPHIA	PHILADELPHIA
39.9717	-75.1719	909 CORINTHIAN AV	PHILADELPHIA	PHILADELPHIA
39.9631	-75.1458	440 FAIRMOUNT AV	PHILADELPHIA	PHILADELPHIA
39.9469	-75.1608	221 S 12TH ST	PHILADELPHIA	PHILADELPHIA
39.9565	-75.1680	1700 BEN FRANKLIN PKWY	PHILADELPHIA	PHILADELPHIA
39.9747	-75.1592	1220 N BROAD ST	PHILADELPHIA	PHILADELPHIA
39.9889	-75.1742	2520 W SEDGLEY AV	PHILADELPHIA	PHILADELPHIA

39.9981	-75.1875	3497 RIDGE AV	PHILADELPHIA	PHILADELPHIA
40.0025	-75.1650	2100 W ALLEGHENY AV	PHILADELPHIA	PHILADELPHIA
39.9558	-75.1822	1 30TH ST	PHILADELPHIA	PHILADELPHIA
39.8797	-75.2428	8950 ESSINGTON AV	PHILADELPHIA	PHILADELPHIA
39.9125	-75.1840	2015 PENROSE AV	PHILADELPHIA	PHILADELPHIA
39.9217	-75.1925	2635 W PASSYUNK AV	PHILADELPHIA	PHILADELPHIA
39.9376	-75.1970	1309 S 33RD ST	PHILADELPHIA	PHILADELPHIA
39.9594	-75.2465	6250 WALNUT ST	PHILADELPHIA	PHILADELPHIA
39.9538	-75.2084	4247 LOCUST ST	PHILADELPHIA	PHILADELPHIA
39.9581	-75.2319	132 S 55TH ST	PHILADELPHIA	PHILADELPHIA
39.9150	-75.2197	6600 ESSINGTON AV	PHILADELPHIA	PHILADELPHIA
39.9331	-75.2225	5601 PASCHALL AV	PHILADELPHIA	PHILADELPHIA
39.9094	-75.1653	900 PACKER AV	PHILADELPHIA	PHILADELPHIA
39.9314	-75.1558	714 REED ST	PHILADELPHIA	PHILADELPHIA
39.9367	-75.1689	1100 S BROAD ST	PHILADELPHIA	PHILADELPHIA
39.9458	-75.2258	780 S 52ND ST	PHILADELPHIA	PHILADELPHIA
39.9244	-75.1708	1425 SNYDER AV	PHILADELPHIA	PHILADELPHIA
39.9225	-75.2403	6800 GREENWAY AV	PHILADELPHIA	PHILADELPHIA
39.9231	-75.1423	1910 S CHRIS COLUMBUS BLVD	PHILADELPHIA	PHILADELPHIA
40.0856	-75.0478	9301 KREWSTOWN RD	PHILADELPHIA	PHILADELPHIA
40.0162	-75.1508	1600 W HUNTING PARK AV	PHILADELPHIA	PHILADELPHIA
39.9942	-75.1083	3233 AMBER ST	PHILADELPHIA	PHILADELPHIA
40.0364	-75.0422	7232 FRANKFORD AV	PHILADELPHIA	PHILADELPHIA
39.9792	-75.2187	4950 PARKSIDE AV	PHILADELPHIA	PHILADELPHIA
40.0519	-75.1739	825 E WASHINGTON LA	PHILADELPHIA	PHILADELPHIA
40.0806	-75.1703	1601 E MT AIRY AV	PHILADELPHIA	PHILADELPHIA
40.0325	-75.1694	100 W COULTER ST	PHILADELPHIA	PHILADELPHIA
40.0272	-75.1428	1100 ROCKLAND ST	PHILADELPHIA	PHILADELPHIA
40.0158	-75.1106	811 E CAYGA ST	PHILADELPHIA	PHILADELPHIA
40.0391	-75.0674	6652 BUSTLETON AVE	PHILADELPHIA	PHILADELPHIA
40.0033	-75.1375	3401 N 05TH ST	PHILADELPHIA	PHILADELPHIA
39.9869	-75.1472	2301 N 09TH ST	PHILADELPHIA	PHILADELPHIA
39.9786	-75.1247	2401 YORK ST	PHILADELPHIA	PHILADELPHIA
39.9548	-75.1599	1101 ARCH ST	PHILADELPHIA	PHILADELPHIA
39.9706	-75.1814	2629 BROWN ST	PHILADELPHIA	PHILADELPHIA
39.9669	-75.2081	4216 LANCASTER AV	PHILADELPHIA	PHILADELPHIA
39.9525	-75.2200	4845 PINE ST	PHILADELPHIA	PHILADELPHIA
39.9439	-75.2381	1100 S 58TH ST	PHILADELPHIA	PHILADELPHIA
39.8888	-75.2322	4501 ISLAND AVE	PHILADELPHIA	PHILADELPHIA
39.9886	-75.2266	5100 LEBANON AV	PHILADELPHIA	PHILADELPHIA
39.9192	-75.1667	2439 S 12TH ST	PHILADELPHIA	PHILADELPHIA
40.0414	-75.0889	6202 OXFORD AVE	PHILADELPHIA	PHILADELPHIA
40.0644	-75.0217	9216 ASHTON RD	PHILADELPHIA	PHILADELPHIA
40.1089	-74.9742	13131 TOWSEND RD	PHILADELPHIA	PHILADELPHIA
39.9622	-75.2160	111 N 48TH ST	PHILADELPHIA	PHILADELPHIA
39.9508	-75.1950	255 S 36TH ST	PHILADELPHIA	PHILADELPHIA

40.0417	-75.2260	6758 RIDGE AV	PHILADELPHIA	PHILADELPHIA
40.0264	-75.1592	4701 STENTON AV	PHILADELPHIA	PHILADELPHIA
40.0689	-75.1561	2100 E WASHINGTON LA	PHILADELPHIA	PHILADELPHIA
40.0436	-75.1281	6019 N 05TH ST	PHILADELPHIA	PHILADELPHIA
39.9772	-75.1142	2857 RICHMOND ST	PHILADELPHIA	PHILADELPHIA
40.0019	-75.0750	4440 BELGRADE ST	PHILADELPHIA	PHILADELPHIA
40.0283	-75.0586	6325 FRANKFORD AV	PHILADELPHIA	PHILADELPHIA
40.0672	-75.0622	8100 ALGON AV	PHILADELPHIA	PHILADELPHIA
40.0878	-74.9700	12121 KNIGHTS RD	PHILADELPHIA	PHILADELPHIA
39.9742	-75.2603	7212 HAVERFORD AV	PHILADELPHIA	PHILADELPHIA
40.0259	-75.2129	400 SHURS LN	PHILADELPHIA	PHILADELPHIA
40.0639	-75.1764	740 VERNON RD	PHILADELPHIA	PHILADELPHIA
40.0375	-75.1447	5501 OLD YORK RD	PHILADELPHIA	PHILADELPHIA
39.9294	-75.1786	1733 20TH ST	PHILADELPHIA	PHILADELPHIA
39.9638	-75.1705	2001 SPRING GARDEN ST	PHILADELPHIA	PHILADELPHIA
40.0075	-75.1506	3549 GERMANTOWN AV	PHILADELPHIA	PHILADELPHIA
40.0160	-75.1906	3804 VAUX ST	PHILADELPHIA	PHILADELPHIA
39.9002	-75.2362	7777 BREWSTER AV	PHILADELPHIA	PHILADELPHIA
39.9272	-75.2294	6200 PACALL AV	PHILADELPHIA	PHILADELPHIA
40.0272	-75.1147	425 E ROOSEVELT BLVD	PHILADELPHIA	PHILADELPHIA
39.9694	-75.2269	5210 WYALUSING AV	PHILADELPHIA	PHILADELPHIA
39.9617	-75.1994	3801 SPRING GARDEN ST	PHILADELPHIA	PHILADELPHIA
39.9178	-75.1783	1809 OREGON AV	PHILADELPHIA	PHILADELPHIA
39.9156	-75.1487	2501 S FRONT ST	PHILADELPHIA	PHILADELPHIA
37.9269	-75.1639	1822 S 11TH ST	PHILADELPHIA	PHILADELPHIA
39.9792	-75.1778	1540 N 26TH ST	PHILADELPHIA	PHILADELPHIA
39.9850	-75.1614	1632 W DIAMOND ST	PHILADELPHIA	PHILADELPHIA
39.9858	-75.1372	2310 N AMERICAN ST	PHILADELPHIA	PHILADELPHIA
39.9847	-75.1222	2626 MARTHA ST	PHILADELPHIA	PHILADELPHIA
40.0544	-75.1917	200 W SEDGWICK ST	PHILADELPHIA	PHILADELPHIA
40.0519	-75.1578	2145 CHELTEN AV	PHILADELPHIA	PHILADELPHIA
40.0372	-75.1264	222 CHEW AV	PHILADELPHIA	PHILADELPHIA
40.0544	-75.1258	6769 N 05TH ST	PHILADELPHIA	PHILADELPHIA
40.0117	-75.0628	5458 TACONY ST	PHILADELPHIA	PHILADELPHIA
40.3028	-75.0747	1750 COMLY ST	PHILADELPHIA	PHILADELPHIA
40.0458	-75.0714	6902 CASTOR AV	PHILADELPHIA	PHILADELPHIA
40.0578	-75.0722	7405 DORCAS ST	PHILADELPHIA	PHILADELPHIA
40.0419	-75.0261	8046 FRANKFORD AV	PHILADELPHIA	PHILADELPHIA
40.0731	-75.0378	2350 TREMONT ST	PHILADELPHIA	PHILADELPHIA
40.0975	-74.9592	2476 KNIGHTS RD	BENSALEM	BUCKS
39.9419	-75.2119	4800 WOODLAND AV	PHILADELPHIA	PHILADELPHIA
39.9811	-75.2353	5621 LANCASTER AV	PHILADELPHIA	PHILADELPHIA
39.9474	-75.1782	334 S 22ND ST	PHILADELPHIA	PHILADELPHIA
40.0117	-75.1622	2066 W HUNTING PARK AV	PHILADELPHIA	PHILADELPHIA
40.0029	-75.1226	401 E TIOGA ST	PHILADELPHIA	PHILADELPHIA
40.0108	-75.0853	4355 ORCHARD ST	PHILADELPHIA	PHILADELPHIA

40.0251	-75.0351	7106 JAMES ST	PHILADELPHIA	PHILADELPHIA
40.0497	-75.0956	6401 RISING SUN AVE	PHILADELPHIA	PHILADELPHIA
40.0099	-75.1882	3520 INDIAN QUEEN LA	PHILADELPHIA	PHILADELPHIA
40.1113	-75.0243	10890 BUSTLETON AV	PHILADELPHIA	PHILADELPHIA
40.0467	-74.9847	5100 S CONVENT LA	PHILADELPHIA	PHILADELPHIA
40.0150	-75.0942	1196 ADAMS AV	PHILADELPHIA	PHILADELPHIA
40.0197	-75.1231	160 E COURTLAND ST	PHILADELPHIA	PHILADELPHIA
39.9967	-75.1394	3001 N 05TH ST	PHILADELPHIA	PHILADELPHIA
40.0447	-75.1911	6635 MC CALLUM ST	PHILADELPHIA	PHILADELPHIA
39.9894	-75.1865	2117 N 33RD ST	PHILADELPHIA	PHILADELPHIA
39.9719	-75.1439	1320 N LAWRENCE ST	PHILADELPHIA	PHILADELPHIA
39.9624	-75.1392	133 BROWN ST	PHILADELPHIA	PHILADELPHIA
39.8974	-75.1979	2600 PENSROSE AV	PHILADELPHIA	PHILADELPHIA
39.9367	-75.2294	1745 S 58TH ST	PHILADELPHIA	PHILADELPHIA
40.0956	-75.0161	2109 RED LION RD	PHILADELPHIA	PHILADELPHIA
39.9949	-75.1630	1913 W LEHIGH AV	PHILADELPHIA	PHILADELPHIA
39.8972	-75.2569	HOOK RD & DARBY CREEK	SHARON HILL	DELAWARE
39.9650	-75.2401	200 N 60TH ST	PHILADELPHIA	PHILADELPHIA
39.9542	-75.2436	6024 LARCHWOOD AV	PHILADELPHIA	PHILADELPHIA
39.9649	-75.1605	640 BROAD ST	PHILADELPHIA	PHILADELPHIA
40.0717	-75.1861	7412 STENTON AV	PHILADELPHIA	PHILADELPHIA
40.0911	-75.0331	9800 BUSTLETON AV	PHILADELPHIA	PHILADELPHIA
40.0211	-75.0664	4211 VAN KIRK ST	PHILADELPHIA	PHILADELPHIA
39.9636	-75.1881	501 N 32ND ST	PHILADELPHIA	PHILADELPHIA
39.9532	-75.1973	3730 WALNUT ST	PHILADELPHIA	PHILADELPHIA
39.8981	-75.1717	3513 CHRIS COLUMBUS BLVD	PHILADELPHIA	PHILADELPHIA
39.9803	-75.2464	1101 N 63RD ST	PHILADELPHIA	PHILADELPHIA
40.0578	-75.0294	2800 AXE FACTOR RD	PHILADELPHIA	PHILADELPHIA
39.9353	-75.1478	924-32 MOYAMENSING AVE	PHILADELPHIA	PHILADELPHIA
39.9528	-75.1697	1818 MARKET ST	PHILADELPHIA	PHILADELPHIA
39.9567	-75.1806	2929 ARCH ST	PHILADELPHIA	PHILADELPHIA
40.0558	-75.0617	7601 CASTOR AV	PHILADELPHIA	PHILADELPHIA
39.9516	-75.1683	30 S 17TH ST	PHILADELPHIA	PHILADELPHIA
40.0417	-75.1100	300 E GODFREY AV	PHILADELPHIA	PHILADELPHIA
40.0372	-75.0786	6398 CASTER AVE	PHILADELPHIA	PHILADELPHIA
40.0844	-75.0672	8580 VERREE RD	PHILADELPHIA	PHILADELPHIA
40.1617	-74.7580	1 S BROAD ST	PHILADELPHIA	PHILADELPHIA
40.0733	-75.1775	1133 E MT AIRY AVE	PHILADELPHIA	PHILADELPHIA
40.0339	-75.0244	4850 RHAWN ST	PHILADELPHIA	PHILADELPHIA
40.0003	-75.2275	4920 CITY LINE AVE	PHILADELPHIA	PHILADELPHIA
39.9585	-75.1707	ONE LOGAN SQUARE	PHILADELPHIA	PHILADELPHIA
39.9508	-75.1690	120 S 17TH ST	PHILADELPHIA	PHILADELPHIA
39.8957	-75.1642	700 PATTISON AVE	PHILADELPHIA	PHILADELPHIA
40.0160	-75.0716	1966-68 BRIDGE ST	PHILADELPHIA	PHILADELPHIA
40.0522	-75.0789	7050 BRIGHTON ST & PENWAY ST	PHILADELPHIA	PHILADELPHIA
40.1118	-75.0354	10082 SANDMEYER LN	PHILADELPHIA	PHILADELPHIA

40.0222	-75.1785	2900 QUEEN LN	PHILADELPHIA	PHILADELPHIA
39.9538	-75.1678	17TH & JFK BLVD	PHILADELPHIA	PHILADELPHIA
40.0669	-75.2400	8711 RIDGE AVE	PHILADELPHIA	PHILADELPHIA

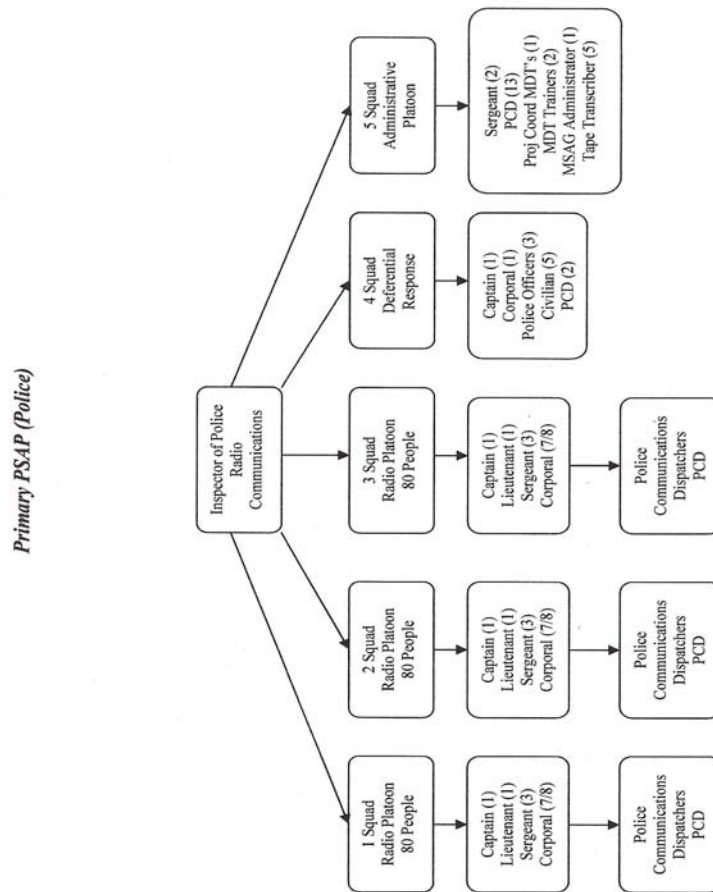
Verizon			
Latitude	Longitude	Address	Municipality
39.889557	-75.232126	4509 ISLAND AV	PHILADELPHIA
39.990427	-75.248387	6100 CITY LINE AV	PHILADELPHIA
39.953054	-75.166142	1515 MARKET ST	PHILADELPHIA
40.041095	-75.022201	4300 HOLMESBURG AV	PHILADELPHIA
39.941472	-75.146056	530 S 2ND ST	PHILADELPHIA
39.950668	-75.179067	2300 WALNUT ST	PHILADELPHIA
39.948499	-75.164089	219 S BROAD ST	PHILADELPHIA
39.997249	-75.157711	2901 N 17TH ST	PHILADELPHIA
39.960113	-75.178234	158 N 23RD ST	PHILADELPHIA
40.084694	-75.066839	8580 VERREE RD	PHILADELPHIA
39.915741	-75.148341	2515 S FRONT ST	PHILADELPHIA
39.876469	-75.248222	8500 ESSINGTON AV	PHILADELPHIA
39.952279	-75.194763	3451 WALNUT ST	PHILADELPHIA
39.901085	-75.168206	1020 PATTISON AV	PHILADELPHIA
39.909557	-75.165178	900 PACKER AV	PHILADELPHIA
39.945669	-75.186844	600 SCHUYLKILL AV	PHILADELPHIA
40.043445	-75.169066	501 E PRICE ST	PHILADELPHIA
39.937889	-75.167500	1100 S BROAD ST	PHILADELPHIA
40.013217	-75.201031	3701 RIDGE AV	PHILADELPHIA
40.064000	-75.084062	830 BLEIGH AV	PHILADELPHIA
40.037889	-75.144062	5501 OLD YORK RD	PHILADELPHIA
40.060389	-75.196842	7500 GERMANTOWN AV	PHILADELPHIA
40.031223	-75.185734	651 RITTENHOUSE ST	PHILADELPHIA
40.028720	-75.209901	5800 RIDGE AV	PHILADELPHIA
40.049278	-74.992945	4937 PEARSON AV	PHILADELPHIA
40.003721	-75.202124	3600 CONSHOHOCKEN AV	PHILADELPHIA
39.990668	-75.226292	2201 BRYN MAWR AV	PHILADELPHIA
39.964002	-75.186565	3020 SPRING GARDEN ST	PHILADELPHIA
39.909280	-75.188235	2015 PENROSE AV	PHILADELPHIA
39.933168	-75.201291	3401 MOORE ST	PHILADELPHIA
39.975943	-75.131840	1741 FRANKFORD AV	PHILADELPHIA
39.978721	-75.109620	2867 RICHMOND ST	PHILADELPHIA
39.890669	-75.209625	2 FORT MIFFLIN RE	PHILADELPHIA
39.932867	-75.223422	5708 WOODLAND AV	PHILADELPHIA
39.958168	-75.145452	417 N 04TH ST	PHILADELPHIA
39.928446	-75.147399	1500 S FRONT ST	PHILADELPHIA
39.971221	-75.199624	1055 N 38TH ST	PHILADELPHIA
39.950113	-75.147952	400 MARKET ST	PHILADELPHIA

39.902613	-75.152122	56 PATTISON AV	PHILADELPHIA
39.901502	-75.172401	3701 S BROAD ST	PHILADELPHIA
39.955668	-75.203233	4022 CHESTNUT ST	PHILADELPHIA
39.955113	-75.160733	1101 ARCH ST	PHILADELPHIA
39.957054	-75.166289	16TH & RACE ST	PHILADELPHIA
39.949279	-75.161289	1229 CHESTNUT ST	PHILADELPHIA
39.926502	-75.170453	1900 S BROAD ST	PHILADELPHIA
39.958168	-75.158230	315 N 12TH ST	PHILADELPHIA
39.950669	-75.171564	1845 WALNUT ST	PHILADELPHIA
39.972890	-75.159622	1220 N BROAD ST	PHILADELPHIA
40.058167	-75.238513	8200 RIDGE AV	PHILADELPHIA
40.041778	-75.239624	329 DOMINO LA	PHILADELPHIA
40.003168	-75.121562	401 E TIOGA ST	PHILADELPHIA
39.994557	-75.076840	4219 RICHMOND ST	PHILADELPHIA
40.024556	-75.034616	4943 PRINCETON AV	PHILADELPHIA
40.014554	-75.175453	3245 STOKLEY ST	PHILADELPHIA
40.018168	-75.149899	4242 N BROAD ST	PHILADELPHIA
40.033167	-75.098508	4660 ROOSEVELT BLVD	PHILADELPHIA
40.046500	-75.052394	7600 ROOSEVELT BLVD	PHILADELPHIA
40.073167	-75.037946	2350 WOODWARD ST	PHILADELPHIA
40.072889	-74.962113	1528 BRISTOL PIKE	PHILADELPHIA
40.079278	-75.211564	8835 GERMANTOWN AV	PHILADELPHIA
40.108166	-75.047393	252 GEIGER RD	PHILADELPHIA
40.110388	-75.001281	1900 WOODHAVEN RD	PHILADELPHIA

5. PERSONNEL

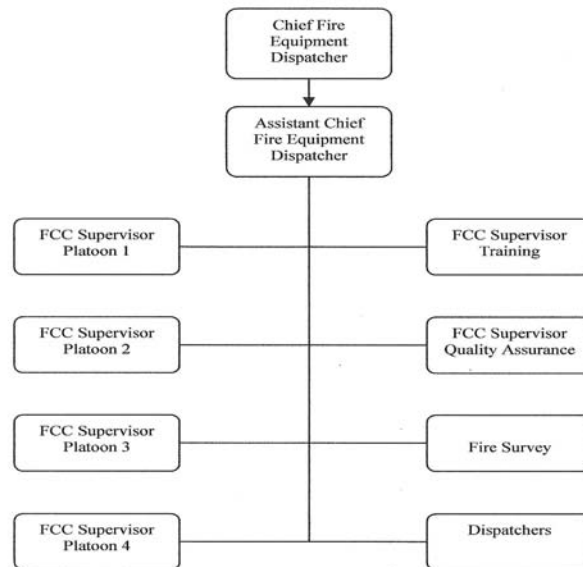
5.1. Organizational Structure

Primary PSAP



Secondary PSAP

Secondary PSAP (Fire/EMS)



5.2. List of Positions

Department of Public Property Communications Division	# of Positions
Director of Communications	1
Assistant Director of Communications	1
Electronic Technicians	6

Total 8

Primary PSAP

Title of Position	# of Positions
Inspector	1
Captain	4
Lieutenant	3
Sergeant	10
Corporal	20
Police Officer	2
Police Communications Dispatchers (PCDs)	262
Civilian	3

Total 305

Secondary PSAP

Title of Position	# of Positions
Chief Fire Equipment Dispatcher	1
Assistant Chief Fire Equipment Dispatcher	1
Supervisors/Fire Equipment Dispatcher 2	6
Fire Equipment Dispatcher 1	37
Fire Equipment Dispatcher Trainees	7

Total 52

5.3. Salary/Benefit Information**Administrative Staffing**

<i>Department of Public Property</i>							
Administrative Staffing	Salary	%	Qty	Est. 2009	Est. 2010	Est. 2011	3 yr Avg.
Accounting Section Asst Supervisor	\$84,568.26	1.67%	1	\$1,461.72	\$1,534.81	\$1,611.55	\$1,536.02
Administrative Officer	\$69,359.25	30.00%	1	\$21,536.05	\$22,612.85	\$23,743.50	\$22,630.80
Administrative Technician	\$54,986.11	25.00%	1	\$14,227.66	\$14,939.04	\$15,686.00	\$14,950.90
Budget Analyst	\$101,145.98	5.00%	1	\$5,234.30	\$5,496.02	\$5,770.82	\$5,500.38
Budget Officer	\$63,643.34	7.50%	1	\$4,940.31	\$5,187.33	\$5,446.69	\$5,191.44
Deputy Commissioner (911 Coordinator)	\$111,895.14	100.00%	1	\$111,895.14	\$117,489.90	\$123,364.39	\$117,583.14
Financial Technician	\$55,756.64	25.00%	1	\$14,427.03	\$15,148.38	\$15,905.80	\$15,160.40
Total							\$182,553.09
Police Maint. Technicians & Overtime				\$580,499.93	\$609,524.93	\$640,001.17	\$610,008.68
Fire Maint. Technicians & Overtime				\$390,403.88	\$409,924.07	\$430,420.28	\$410,249.41
Total							\$1,020,258.09
Total				\$1,144,626.02	\$1,201,857.32	\$1,261,950.19	\$1,202,811.18

Primary PSAP

Philadelphia Primary PSAP		Est. 2009	Est. 2010	Est. 2011	3 Year Average
<u>911 Management Staff</u>	<u>QTY</u>				
Salary-Inspector	1	\$96,324.35	\$101,140.57	\$106,197.60	\$101,220.84
Salary-Captain	4	\$337,310.64	\$354,176.17	\$371,884.98	\$354,457.26
Salary-Lieutenant	3	\$223,165.67	\$234,323.95	\$246,040.15	\$234,509.92
Salary-Sergeant	10	\$650,114.55	\$682,620.28	\$716,751.29	\$683,162.04
Salary-Corporal	20	\$1,249,493.40	\$1,311,968.07	\$1,377,566.47	\$1,313,009.31
Salary-Civilian Supervisors	3	\$131,956.29	\$138,554.10	\$145,481.81	\$138,664.07
Sub-Total:		\$2,688,364.90	\$2,822,783.15	\$2,963,922.30	\$2,825,023.45
<u>911 Dispatchers</u>	<u>QTY</u>				
Wages-PO	2	\$114,791.85	\$120,531.44	\$126,558.01	\$120,627.10
Wages-PCD	262	\$9,707,343.66	\$10,192,710.84	\$10,702,346.39	\$10,200,800.30
Wages-Overtime		\$2,658,719.77	\$2,791,655.76	\$2,931,238.55	\$2,793,871.36
Sub-Total:		\$12,480,855.28	\$13,104,898.04	\$13,760,142.95	\$13,115,298.76
<u>Employees Benefits Costs</u>					
Entire Primary PSAP		\$1,822,073.40	\$1,885,845.97	\$1,951,850.58	\$1,886,589.98
E9-1-1 Training Costs		\$7,500.00	\$7,725.00	\$7,956.75	\$7,727.25
Total Annual Personnel Costs:		\$16,998,793.58	\$17,821,252.16	\$18,683,872.58	\$17,834,639.44

Secondary PSAP

Philadelphia Secondary PSAP		Est. 2009	Est. 2010	Est. 2011	3 Year Average
	<u>QTY</u>				
Salary-Chief Fire Dispatcher	1				
Salary-Asst Chief Fire Dispatcher	1				
Wages-Dispatcher 2	6				
Wages-Dispatcher 1 and Dispatcher Trainees	44				
Sub-Total:		\$1,770,885.00	\$1,824,011.55	\$1,878,731.90	\$1,824,542.82
Wages-Overtime		\$645,840.00	\$665,215.20	\$685,171.66	\$665,408.95
<u>Employees Benefits Costs</u>					
Entire Secondary PSAP		\$485,100.00	\$499,653.00	\$514,642.59	\$499,798.53
E9-1-1 Training		\$63,732.27	\$65,644.24	\$67,613.57	\$65,663.36
Total Annual Personnel Costs:		\$2,965,557.27	\$3,054,523.99	\$3,146,159.71	\$3,055,413.66

Total Personnel Costs

Total Personnel Costs		Estimated 2009	Estimated 2010	Estimated 2011	3 year Avg.
Primary PSAP		\$16,998,793.58	\$17,821,252.16	\$18,683,872.58	\$17,834,639.44
Secondary PSAP		\$2,965,557.27	\$3,054,523.99	\$3,146,159.71	\$3,055,413.66
Administrative Staff Costs		\$1,144,626.02	\$1,201,857.32	\$1,261,950.19	\$1,202,811.18
Total		\$21,108,976.87	\$22,077,633.47	\$23,091,982.48	\$22,092,864.27

5.4. Staffing Levels**Primary PSAP**

The Primary PSAP (Police) works eight (8) hour shifts consisting of thirty-eight (38) call-taker positions with two (2) supervisors, fifteen (15) Police radio consoles staffed by two (2) dispatchers each and an operations desk manned by four (4) dispatchers and one (1) supervisor. The Primary PSAP also has two (2) additional positions that are staffed by (2) supervisors. During extremely busy call volume periods, additional staff members are added as needed.

Secondary PSAP

The Secondary PSAP (Fire Department) works 12 hr shifts, 7am to 7pm and 7pm to 7am. Both shifts are staffed with one (1) Supervisor and 9 Dispatcher I's. There are 4 operational platoons to staff the 24 x 7 operation. The Secondary PSAP additionally has two (2) Staff Supervisors to covering the Training and Quality Assurance programs, respectively and the Chief Dispatcher and an Assistant Chief Dispatcher.

6. TRAINING REQUIREMENTS/TRAINING POLICIES

6.1. Training Requirements/Training Policies

Training for 9-1-1 personnel is in accordance with 4 PA.CODE CH. 120c; Training and Certification Standards for 911 Emergency Communications Personnel. The entire operating staff and management are PEMA Certified in their appropriate categories. In addition all personnel have been trained via the APCO forty- (40) hour course, CPR certified and EMD certified by APCO or Medical Priority Dispatch.

The PSAP personnel are all certified in accordance with PEMA standards as well as EMD and APCO guidelines. Compliance of the Telecommunicator Training Requirements 4 PA Code Chapter 120C104 includes:

Call taking, a minimum of 104 hours to include 4 PA Code Chapter 120C105
Dispatcher Fire, a minimum of 120 hours to include 4 PA Code Chapter 120c106.1
Dispatcher Police, a minimum of 136 hours to include 4 PA Code Chapter 120c106.2
Dispatcher EMS, a minimum of 120 hours to include 4 PA Code Chapter 120c106.3
Dispatcher EMA, a minimum of 120 hours to include 4 PA Code Chapter 120c106.4
Center Supervisor, meet minimum criteria to include 4 PA Code Chapter 120.107.1 & 2

Call Taking

The course of training for telecommunications personnel in City of Philadelphia is designed to meet or exceed the standards set forth by the Commonwealth of 104 hours which includes instruction in the following areas:

- Telephone Techniques
- TDD/TTY Operations
- Non-English Speaking Calls
- Crisis Call taking
- Interrogation Skills
- Call Prioritization
- Call Verification Skills
- 9-1-1 Center Documentation
- 9-1-1 Hang Up Calls
- Silent 9-1-1 Calls
- Interpersonal Communications
- Jurisdictional Geography
- Terminology
- Incident Specific Information Equipment Operation

For an individual to complete this area of training they will have completed 104 hours of classroom instruction. In addition to classroom training they will have completed a minimum of 60 hours of on-the-job training with a mentor dispatcher. Additionally, City of Philadelphia telecommunications personnel are subject to periodic practical evaluation and performance reviews in accordance with center policies. The following is a breakdown of training for telecommunications personnel:

Basic Telecommunicator

This course provides a standardized training course that will teach the basic skills required of a public safety call-taker and dispatcher. With this training comes national certification to Telecommunicators.

Total Classroom Time: 40 Hours

CPR Training

This is the basic CPR class administered by the American Heart Association or Red Cross

Total Classroom Time: 8 Hours

Random 9-1-1 Emergency Dispatch Program from EMD protocols.

This provides the call-taker with a standardized process of questioning callers that have a medical emergency. Besides gathering information and prioritizing calls they are also shown how to provide pre-arrival instructions.

Total Classroom Time: 32 Hours

ECC Equipment CAD System

This portion of the course provides the call-taker with basic keyboard skills, advancing to more complex tasks and eventually working with our CAD system.

Total Classroom Time: 8 Hours

Total Classroom Time: 88 Hours

OJT Time: 60 Hours

Total 148 Hours

After performing as call-taker for a set period set forth by the center, call-taking personnel will be moved to a dispatching position. The following course of training will apply to dispatching personnel.

Fire Dispatch

Assigned Fire Dispatchers will, in addition to completing all requirements for call-taking, receive a minimum of 16 hours of instruction exclusively related to the fire service. In addition to classroom type training they will have completed at minimum of 40 hours of on-the-job training with a mentor dispatcher. The following is a breakdown of training for fire dispatch personnel:

Fire Terminology

The course will go over terms and words utilized by the fire service.

Total Classroom Time: 2 Hours

Fire Safety

This area will make the dispatcher aware of the dangers that fire fighters face. It will stress the importance of relaying all the information available.

Total Classroom Time: 4 Hours

Record Keeping

This area stresses the importance of keeping accurate and timely records.

Total Classroom Time: 4 Hours

Fire Dispatch Protocols

This module will show the student the variety of SOP's from department to department as well as City guidelines.

Total Classroom Time: 8 Hours

Total Classroom Time: 18 Hours

Total OJT Time: 40 Hours

Total 48 Hours

EMS Dispatch

Assigned EMS Dispatchers will, in addition to completing all requirements for call taking, receive a minimum of 16 hours of instruction exclusively related to the EMS Service. In addition to classroom type training they will have completed at minimum 40 hours of on-the-job training with a mentor dispatcher. The following is a breakdown of training for EMS dispatch personnel:

EMS Terminology

This module will go over terms and words that relate to EMS service.

Total Classroom Time: 2 Hours

EMS Safety

This area will make the dispatcher aware of the dangers that EMS workers face. It will stress the importance of relaying all information that is available.

Total Classroom Time: 4 Hours

Record Keeping

This area stresses the importance of keeping accurate and timely records.

Total Classroom Time: 4 Hours

EMS Dispatching Protocols

The module reviews the EMD program with the main emphasis on call prioritization.

Total Classroom Time: 8 Hours

Total Classroom Time: 18 Hours

Total OJT Time: 40 Hours

Total Hours: 48 Hours

Police Dispatch

Assigned Police Dispatchers will, in addition to completing all requirements for call taking, receive a minimum of 32 hours of instruction that is exclusively related to police service. In addition to classroom type training they will have completed at minimum 40

hours of on-the-job training with a mentor dispatcher. The following is a breakdown of training for police dispatch personnel:

Police Terminology

This module will go over terms and words that relate to police service.

Total Classroom Time: 4 Hours

Police Safety

This area will make the dispatcher aware of the dangers that police officers face.

It will stress the importance of relaying all information that is available.

Total Classroom Time: 4 Hours

Record Keeping

This area stresses the importance of keeping accurate and timely records.

Total Classroom Time: 4 Hours

Police Dispatching Protocols

The module reviews the police dispatch SOP's along with City guidelines with the main emphasis on call prioritization.

Total Classroom Time: 8 Hours

CLEAN / NCIC Scope Training

This module is taught by the Centers' TAC Officer or in an official CLEAN training class. Besides the technical end of how to use the system the legalities of information obtained through the system must be covered.

Total Classroom Time: 24 Hours

Total Classroom Time: 44 Hours

Total OJT Time: 40 Hours

Total: 84 Hours

EMA Dispatch:

Assigned EMA Dispatchers will, in addition to completing all requirements for call taking, receive a minimum of 16 hours of instruction that is exclusively related to Emergency Management. In addition to classroom type training they will have completed at minimum 40 hours of on-the-job training with a mentor dispatcher. The following is a breakdown of training for EMA dispatch personnel:

EMA Terminology

This module will cover terms and words used in emergency management.

Total Classroom Time: 2 Hours

EMA Operations and Safety

These modules will overview the City's Emergency Operations Plan (EOP) to provide necessary information and cover safety issues as they relate to EMA.

Total Classroom Time: 4 Hours

EMA Documentation

This module will review all the types and specifics of documentation related to EMA operations.

Total Classroom Time: 4 Hours

EMS Dispatching Protocols

The module reviews the EMD program with the main emphasis on call prioritization.

Total Classroom Time: 8 Hours

Incident Specific Information

This module will review all special areas (PIERS, PASTAR, and SEVAN) that are specific to how EMA functions in the Commonwealth of Pennsylvania.

Total Classroom Time: 8 Hours

Total Classroom Time: 26 Hours

Total OJT Time: 40 Hours

Total: 66 Hours

Communications Supervisor

For an individual to complete this area of training they will have completed at a minimum the call-taker, police, fire, EMS and EMA courses of instruction (184 hours).

The individual must have at least 2 years experience as a call-taker / dispatcher and have completed a minimum of 40 hours of instruction that is exclusively related to supervisory skills. In addition to classroom type training they will have completed a minimum of 60 hours of on-the-job training with a mentor supervisor.

Management Skills

This module will address general management skills to the individual.

Total classroom Time: 16 Hours

Act 78 and 4 PA Code Chapters 120b, 120c and 120d Reviews

Total Classroom Time: 8 Hours

Wire Tap Laws

This area stresses the legalities of tapes maintained at the PSAP

Total Classroom Time: 8 Hours

Departmental Guidelines and SOP Review

Total Classroom Time: 16 Hours

Equipment Troubleshooting

The individual should become aware of and have a thorough understanding of the equipment utilized in the PSAP along with a general knowledge of building utilities.

Total Classroom Time: 8 Hours

Public / Media Relations

In this module there will be a review of being courteous. Also the amount of information that should be given to the public or media will be addressed.

Total Classroom Time: 8 Hours

Chain of Command

The chain of command from the Commonwealth level, to the City to each PSAP Staff will be explained.

Total Classroom Time: 8 Hours

Total Classroom Time: 72 Hours

Total OJT Time: 60 Hours

Total Hours: 132 Hours

Telecommunicator Certification

Upon completion of required training for each assigned position, the individual will be required to pass a both a written and practical examination given by the center. The scores will be forwarded to the Commonwealth for record. A written certification examination will be scheduled with the Commonwealth at the earliest possible time. Individuals successfully completing all examinations shall be issued a certification as a call-taker police, fire or EMS dispatcher.

City Telecommunicators are required to receive a minimum of 8 hours per year of center in-service training in addition to normal recertification for EMD, CPR, CLEAN and TDD/TTY.

City Telecommunicators are required to maintain certification for their assigned position with the Commonwealth and will recertify in accordance with Commonwealth guidelines.

6.2. Quality Assurance Program

A random sampling of 9-1-1 communications center calls will be reviewed on a recurring basis by the quality assurance reviewer to ensure compliance with the standards set forth in this chapter, as well as those outlined in the standard operating procedures of each 9-1-1 communications center. If needed, additional reviews will be performed in order to ensure that each Telecommunicator receives a minimum of one call-taking audit per month. All calls, whether voice or TDD/TTY will be reviewed in the same manner. The quality assurance reviewer will complete an audit form for each review. It is also recommended that all incidents involving catastrophic loss be included in the review process.

1. A minimum of ten call-taking audits will be performed each week in 9-1-1 communication centers that dispatch, on average, 72 or less emergency dispatch calls per day. Those 9-1-1 centers that average more than 72 emergency dispatch calls per day shall audit 2% of the 9-1-1 calls that

they process. Although it is recommended that audits be performed on a weekly basis, the quality assurance review process may assume a monthly configuration to accommodate 9-1-1 centers that have personnel and/or scheduling constraints. However, the minimum number of audits required shall remain unchanged.

2. Twice a year, the quality assurance reviewer will review a segment of each Telecommunicators radio activity in order to determine adherence to the dispatch standards. At a minimum, each segment of the Telecommunicators radio activity that is monitored shall contain three emergency dispatched calls. The quality assurance reviewer will complete an audit form for each segment reviewed.
3. The director of each 9-1-1 communications center will designate the quality assurance reviewer (or reviewers). It is recommended that the reviewer(s) be at a supervisory level with a minimum of three years experience in the field of emergency telecommunications. Internal standards should be established to ensure that the review process is executed with consistency and objectivity.
4. In order to provide optimum feedback, the date selected for review will not exceed five days prior to the audit. Telecommunicators should receive the results of the review process within five days of the audit. Copies of each audit will be retained on file at the 9-1-1 communications center for three years.
5. The audit reviews will be used to support the development and assessment of goals and expectations on the telecommunicators' yearly performance appraisal. The audit reviews will also be used to identify areas of the Telecommunicators job performance, which may require additional or supplemental training, and aid in determining whether any processes of the 9-1-1 communications center require modification or change.
6. All telecommunicators, whether they are part-time or full-time employees of the 9-1-1 communications center, shall be subject to this quality assurance review process.
7. Any quality assurance actions that are initiated in response to the results of an audit review will be documented and included as part of the audit.

Types of Quality Assurance Reviews

Call Taking - (Telephone Performance): the quality assurance reviewer during each 9-1-1-telephone audit will check the following Telecommunicator performance standards:

1. Answers the telephone quickly and correctly (within 10 seconds of the call, 90% of the time).
2. Asks and verifies the location of the incident or emergency.
3. Obtains the callback phone number from the person making the call.

4. Determines the nature of the incident or emergency and selects and assigns the appropriate response to the incident.
5. Accomplishes the above tasks quickly and effectively (within 60 seconds of the receipt of the phone call, 90% of the time)
6. Obtains all pertinent information and makes updates accordingly and keeps the caller on the line until all required information is obtained.
7. Controls the conversation with the caller explains all possible emergency actions and employs calming techniques when required.
8. Exhibits a professional demeanor at all times and acts in a courteous and tactful manner.
9. Demonstrates proper documentation of all information received on call-taker screens and/or cards.

Dispatching - (Radio Performance): The following radio performance standards will be checked during each audit review:

1. Dispatches the appropriate police, fire, or EMS units within the prescribed time frame (usually within 90 seconds of obtaining all pertinent information, 90% of the time).
2. Provides all pertinent information to the responding police, fire, and/or EMS units and relays updated information about the incident or emergency to the responding units.
3. Answers all radio transmissions promptly.
4. Speaks clearly and concisely to the responding units.
5. Listens attentively and understands each message that is received from the responding units.
6. Exhibits a timely response to requests from field units.
7. Maintains a professional demeanor at all times.
8. Abides by applicable FCC rules and regulations.

Emergency Medical Dispatch: Emergency medical dispatch protocols will be utilized by all 9-1-1 emergency communications centers. Due to the existence of various emergency medical dispatch programs, each 9-1-1 emergency communications center must use the quality assurance process associated with the program that it is licensed to use. The Pennsylvania Department of Health has approved the emergency medical dispatch program as a requisite to its use by the City of Philadelphia communications center.

7. TECHNICAL

7.1. Diagrams

Enhanced 9-1-1 Network

All 9-1-1 calls to City of Philadelphia's Primary PSAP are received over dedicated voice and data circuits from the telephone company end central office to the Verizon of Pennsylvania Selective Router and Tandem Central Office switch located in Market from the Selective Router to the Verizon back-up central tandem switch which is located in Locust. From the central tandem switch, voice and ANI are routed over dedicated 9-1-1 trunks to the Primary PSAP. Enhanced 9-1-1 is provided at the Primary PSAP and Secondary PSAP. ALI is provided to both the Primary and Secondary PSAP through circuits from the Verizon of Pennsylvania ALI computer in Philadelphia.

At the Primary PSAP, the ANI and ALI feed, from Verizon, is automatically interfaced with the City-owned CAD system. The CAD system screens display the calling party's name, telephone number, address, emergency service zone provider information as well as any other information about the location that has previously been entered into the City CAD and geofile. This additional information is instantly provided to the Call-taker at the Primary PSAP at their individual dispatch console, simultaneously while the caller is on the telephone. If the call is for a Fire or ambulance (EMS) response the caller is transferred to the Secondary PSAP for dispatching, the calltaker at the Primary PSAP remains on the line while the caller is interrogated at the Secondary PSAP. The CAD system screens at the Secondary PSAP will receive the calling party's name, telephone number, address, emergency service zone and any other information that was received at the Primary PSAP.

The City has approximately 743,192 telephone access lines of which 595,378 are from the host LEC Verizon and the remaining 147,814 are from various other CLEC's including Centrex lines. The City of Philadelphia is served by one (1) telephone company, six (6) distinct wireless carriers and sixty-nine (69) separate CLECs utilizing three hundred fourteen (314) telephone exchanges located within twenty-five (25) central offices. In the vast majority of exchanges, the City's PSAPs answers all 9-1-1 calls. In some of the bordering exchanges with adjoining counties, the City utilizes selective routing where practical.

Wireline/Wireless Tandem Trunks

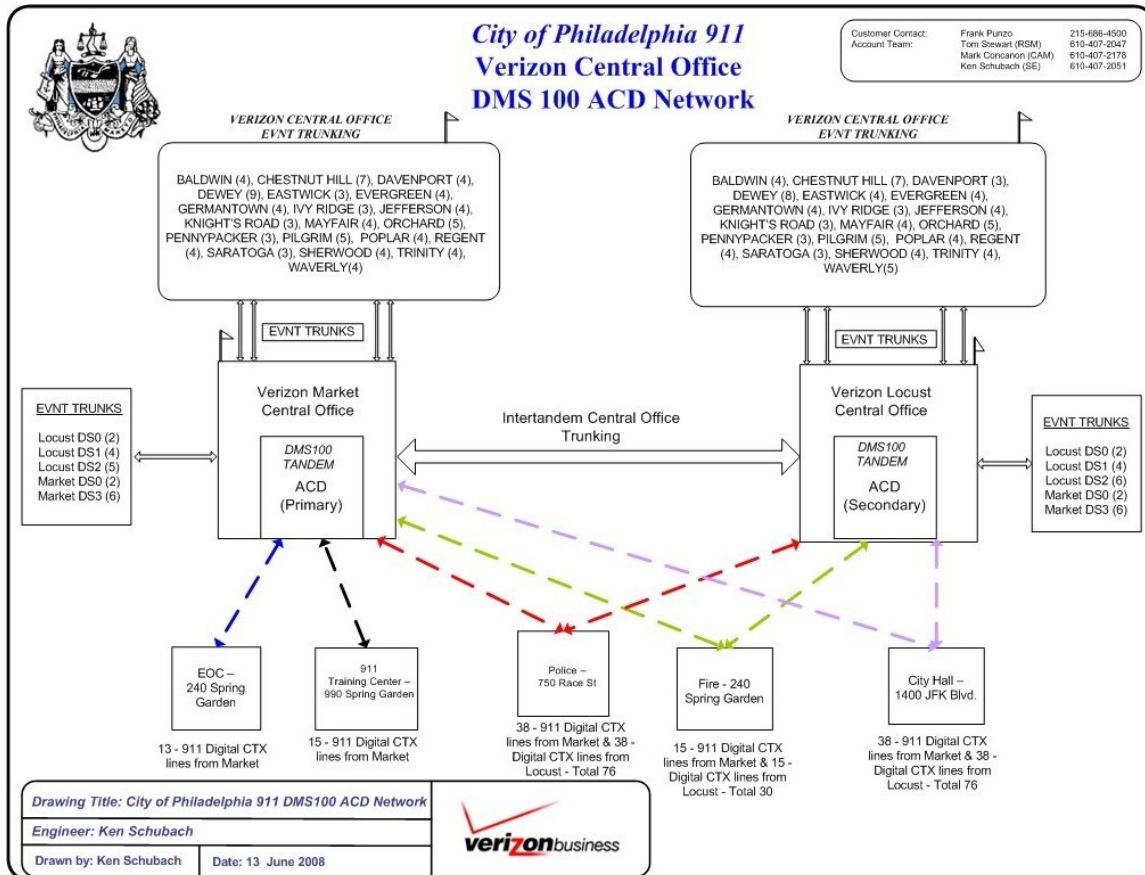
The City utilizes a Centrex system with a Nortel DMS ACD (Automatic Call Distribution) system to evenly distribute E9-1-1 calls to the next available call-taker, additionally the City has twenty (20) dedicated E 9-1-1 wireless trunks with twelve (12) coming from the Market tandem and eight (8) from the Locust tandem from Verizon Telephone Company terminated at the Primary PSAP. The trunks are connected to Verizon's 9-1-1 telephone network via means of tandem switches. The tandem switches from Verizon are located in Market and Locust. The tandems are designed to provide

redundancy to the PSAP. In the event of a failure at the Market tandem all calls will route to the Primary PSAP via the Locust tandem. The tandems were not in need of an upgrade to support wireless NCAS deployment for Phase I and Phase II. In calculating a grade of service for the wireless and wireline telecommunication system, information regarding the number of calls and the average call duration has been determined. The trunk capacity calculation is based on the operational experience of 9-1-1 systems.

- (a) The length of the average 9-1-1 call is 90 seconds, measured from the time of trunk seizure to the time of call termination. Ninety seconds was allowed to provide the difference in technology, training and operations. Special call handling techniques such as pre-arrival instructions, hostage negotiations or other extenuating circumstances are not considered in this calculation.
- (b) The busy hour 9-1-1 traffic is assumed to be no less than 10% and no greater than 15% of the total day, 24-hour traffic.

City of Philadelphia complies with the established statewide standards for the format and content of wireless automatic location information and wireless automatic number identification. The standards shall be the standards adopted by the National Emergency Number Association, as from time to time amended by that organization. Wireless providers will use the applicable National Emergency Number Association data transmission format standards to deliver such data to the wireless E9-1-1 system.

City of Philadelphia 9-1-1 Network Diagrams



7.1.1. Description of Current Addressing (MSAG)

All local addresses are included in the City's Master Street Address Guide, which the City has been working on, and will continue to work on, as an on-going project. Currently ninety-seven percent (97%) of addressable structures have been addressed using standard addressing in the City's geofile. The database is maintained by Verizon in a format similar to Lucent Technologies CESNA System, and includes fields such as Municipality, Range, Cross streets, Direction and Association (Police/Fire/EMS provider).

The MSAG has an accuracy rating of 99.92% as of March 6, 2008.

7.1.2. List of Access Line Summaries

The host telephone company for the City of Philadelphia is Verizon, the City has approximately 743,192 access lines with 595,378 as provided by Verizon and the remaining 147,814 access lines including Centrex lines from other various CLEC's conducting business in the City of Philadelphia. The City of Philadelphia also tracks each LEC/CLEC on a monthly basis and reviews all tariff remittances received.

7.1.3.. List of Counties and Facilities Connected to Primary and Secondary PSAP by Tie Lines

Primary PSAP/Police Department

Tie Lines:

Police-Fire
Police-Philadelphia Navy Yard

Hot Button Transfers:

Montgomery County
Bucks County
Chester County
Delaware County

Speed Dial Numbers:

Fleet Management
Tow Squad
Walt Whitman Bridge
Temple University Campus
AAA [American Automobile Association]
Penn DOT Camera Center
CSX Police [International Rail System]

Amtrak Police
Airport Police
Police Canine Headquarters
SEPTA Control Center [Southeastern Pennsylvania Transportation Authority]
SEPTA Regional Rail Dispatcher [Southeastern Pennsylvania Transportation Authority]
SEPTA Police Headquarters [Southeastern Pennsylvania Transportation Authority]
SEPTA Train Dispatchers [Southeastern Pennsylvania Transportation Authority]
Philadelphia Water Department Water Emergency
Philadelphia Gas Works
PECO Energy
Philadelphia Housing Authority Police
Bristol Township, NJ Police
Montgomery County, Pennsylvania Police
Springfield, Delaware County, Pa. Police
State Police (Belmont)
State Police (Trevese)
Tinicum Township, Pa. Police
Upper Darby, Pa. Police
Whitemarsh Township, Pa. Police
Abington Township, Pa. Police
Children's Hospital of Philadelphia
Einstein Hospital Northern Division
Episcopal Hospital
Frankford Hospital Frankford Division
Frankford Hospital Torresdale Division
Franklin Mills Security (regional shopping mall)
Germantown Hospital
Hahnemann Hospital
Jeannes Hospital
Thomas Jefferson University Hospital
Methodist Hospital
Nazareth Hospital
Northeastern Hospital
Presbyterian Hospital
Roxborough Hospital
St. Christopher's Hospital
Temple University Hospital
University of Pennsylvania Hospital
Buck County Police
Bensalem (Bears) Police
Cheltenham Township, Pa Police
Lower Merion Township Police
Yeadon Borough Police
11th and Reed St's Radio shop
Radio Technician 80-X

Secondary PSAP/Fire Department

Due to the adoption of a computerized graphic user interface phone system (VESTA) On June 1, 2006, The Philadelphia Fire Department (PFD) has adjusted the manner in which they receive and make calls from within the Fire Communications Center (FCC). Below is the general listing of the contact numbers maintained within the server system at the Fire Administration Building (FAB)

Ring down Lines:

2 Airport Crash ring down lines (Separate from the VESTA system, these are stand alone units)

- Philadelphia International Airport Tower to FCC
- Northeast Regional Airport to FCC

Speed Dial Numbers:

Philadelphia Electric Company (X3)

Philadelphia Gas Works (X2)

Water Department (X3)

Verizon (X2)

Comcast Cable

Urban Cable

AT&T Language Line Services

Municipal Radio

U.S. Coast Guard Group Philadelphia

Philadelphia Housing Authority

National Park Service

University of Pennsylvania Security

Red Cross

16 listings for Police Radio

SEPTA Bus assistance [Southeastern Pennsylvania Transportation Authority]

SEPTA Power and Control [Southeastern Pennsylvania Transportation Authority] (X3)

SEPTA Police Headquarters [Southeastern Pennsylvania Transportation Authority]

State Police (Belmont)

State Police (Trevose)

State Police (Media)

State Police (Norristown)

Base Command Hospital (Einstein)

Base Command Hospital (University of PA)

Base Command Hospital (Thomas Jefferson Hospital)

Base Command Hospital (Temple Hospital)

Abington Hospital

Bryn Mawr Hospital

Chester Crozier Hospital

Chestnut Hill Hospital

Children's Hospital of Philadelphia

Cooper Hospital

Delaware County Hospital
Einstein Hospital Northern Division
Einstein Elkins Park Hospital
Episcopal Hospital
Fitzgerald Mercy Hospital
Frankford Hospital Frankford Division
Frankford Hospital Torresdale Division
Germantown Hospital
Hahnemann Hospital
Holy Redeemer Hospital
Jeannes Hospital
Thomas Jefferson University Hospital
Lankenau Hospital
Methodist Hospital
Misericordia Hospital
Nazareth Hospital
Northeastern Hospital
Pennsylvania Hospital
Presbyterian Hospital
Roxborough Hospital
St. Christopher's Hospital
St. Mary's Hospital
St. Joseph's Hospital
Taylor Hospital
Temple University Hospital
Temple Pediatrics Hospital
University of Pennsylvania Hospital
Veterans Administration Hospital
Wills Eye Hospital
Benjamin Franklin Bridge
Betsy Ross Bridge
Tacony Palmyra Bridge
Walt Whitman Bridge
Bensalem Township, Bucks County, PA
Bucks County, PA
Burlington County, NJ
Camden County, NJ
Cheltenham Township, Montgomery County, PA (X2)
Chester County, PA
Delaware County, PA
Gloucester, County, NJ
Montgomery County, PA
North Hampton, PA
Amtrak Police
FBI
LaSalle

Postal Police (X2)
Philadelphia School Police (X3)
Sunoco Chemicals and Refinery
Temple Police
Board of Health (X2)
Child Abuse Hotline
Citizens Bank Ballpark (Command Center)
City Dispensary (Clinic) 19th & Fairmount
Commission for the Aging
Conrail (X2)
CSX
L&I, C&I (X2)
L&I Clean and Seal
L&I Contractual Services
Library
Lincoln Financial Field (Fire Control Center)
Medical Examiner (X2)
NJ Transit
Naval Business Center
PATCO Police
PENNDOT
Phila. Animal Control
SPCA
Suicide Hotline
National Weather Service
Wireless Communications
ALL PFD HQ, OFFICE, CELL, PAGER NUMBERS AND STATIONS
PIA Control Tower (X2)

Dedicated Call In Lines:

Automatic Call Distribution (ACD) 911 lines
An unlisted internal line
A general number for public non emergency contact
Police Console Line
Police Operations Desk Line
News & Information Line
Fire Officer Contact Line
EMS Contact Line
Municipal Radio
SEPTA
National Park
PHA
Red Cross
Coast Guard
University of PA Police

7.1.4. List of Participating Telephone Companies

Wireless service providers are listed in paragraph 4.4

LEC/CLEC
1-800-RECONEX, INC.
A.C.N. Communication Services, Inc. (Cancelled)
ACCERIS COMMUNICATIONS CORP
Access Point Inc. (Cancelled)
American Fiber Network, Inc.
AMERIVISION COMMUNICATIONS, INC.
AT&T
Broadview Networks, Inc (Cancelled)
Broadwing Communications
BUDGET PHONE, INC.
Business Telecom Inc. (Cancelled)
Cat Communications International, Inc.
Cavalier Telephone, L.L.C.
CLEARTEL TELECOMMUNICATIONS, INC.
Comcast Business Communications, Inc.
Comcast Phone
COMTECH 21, LLC
COMTEL TELCOM ASSETS LP
CORECOMM-ATX INC
Covista Communications
CTC COMMUNICATIONS CORP.
CTI CAPITAL TELECOMMUNICATIONS, INC.
CTSI, LLC
Cypress Communications Operating Co.
D & E Systems, Inc.
DPI TELECONNECT LLC
Empire One Telecommunications
EUREKA TELECOM, INC
First Communications, LLC
Global Crossing
GLOBAL CROSSING TELEMAGEMENT, INC
GRANITE TELECOMMUNICATIONS,LLC
HOTWIRE COMMUNICATIONS, LTD
IDT - America Corp
INTERGLOBE COMMUNICATIONS
Inter-Tel NetSolutions Inc
Level3 Communications, LLC.
Lightyear Network Solutions LLC
LINE SYSTEMS, INC.
MATRIX TELECOM, INC
MCGRAW COMM.

MCI metro
Metropolitan Communications
NATIONSLINE NORTH, INC
Navigator Telecommunications, LLC.
NetCarrier Telecomm Inc
NEW HORIZONS COMMUNICATIONS
NEW ROCHELLE TELEPHONE CORP.
NOS COMMUNICATIONS, INC.
PaeTec Communications, Inc. (Inactive)
PNG TELECOMMUNICATIONS, INC.
QUANTUM SHIFT COMMUNICATIONS
RCN
Remi Communications
SBC LONG DISTANCE, INC
SINGLE SOURCE INTEGRATED SVCS, INC
SPECTROTEL, INC.
Sprint Communications Company LP
Talk America
TCG DELAWARE VALLEY INC
TCG PITTSBURGH
TELCOVE OF EASTERN PENNSYLVANIA.
TELCOVE OF PENNSYLVANIA, INC.
TRANS NATIONAL COMMUNICATIONS INTERNATIONAL INC
TRINSIC COMMUNICATIONS, INC
United Systems Access Telecom, Inc.
US LEC OF PENNSYLVANIA, INC.
USD CLEC, INC
Verizon
XO Communications

7.1.5. Trunking Requirements

<u>End Office</u>	<u>Access Line Count</u>	<u>Number Existing</u>	<u>Number Required</u>				<u>CCS</u>
Baldwin	26,093	8	4				8.806388
Chestnut Hill	13,487	14	3				4.551863
Davenport	19,514	7	4				6.585975
Dewey	48,093	17	5				16.23139
Eastwick	11,701	7	3				3.949088
Evergreen	22,872	8	4				7.7193
Germantown	27,618	8	4				9.321075
Ivyridge	15,834	6	4				5.343975
Jefferson	34,166	8	5				11.53103
Knights Road	16,966	6	4				5.726025
Locust	42,760	23	6				14.4315
Market	42,931	16	5				14.48921
Mayfair	32,617	8	5				11.00824
Orchard	34,341	10	5				11.59009
Pennypacker	19,442	6	4				6.561675
Pilgrim	31,599	10	5				10.66466
Poplar	25,288	8	4				8.5347
Regent	29,175	8	5				9.846563
Saratoga	13,294	6	4				4.486725
Sherwood	26,002	8	2				8.775675
Trinity	25,629	8	5				8.649788
Waverly	31,477	9	5				10.62349
Elkins Park (Selective Routing)	1	2	2				0.000338
Flourtown (Selective Routing)	20	2	2				0.00675
Cheltenham (Selective Routing)	6	2	2				0.002025
Verizon	595,378						

FORMULA: Number of Access Lines in End Central Office
 Divided by 1,000
 Multiplied by Length of Average 9-1-1 Call in seconds (90)
 Multiplied by Busy Hour Traffic (Range Used 15%)
 Multiplied by Calls per 1,000 Access Lines (2.5)
 Divided by 100 (to convert calling seconds to CCS)
 Equals
 CCS to be carried by 9-1-1 Trunk Group
 $\frac{AL \times ACL \times DHT \times CPT}{1,000 \times 100}$
 AL – Access Lines obtained from telephone company
 ACL – Average Call Length- assume 90 seconds
 BHT – Busy Hour Traffic – Assume range of between 10% and 15%

<i>Exchange Name</i>	NPA	NXX										Total
Baldwin	215	221	223	225	226	227	228	229	430	707	926	10
Chestnut Hill	215	233	242	247	248	381	402	753	836			8
Davenport	215	324	329	455	456	457	621					6
Dewey	215	218	271	273	334	336	339	389	462	463	465	
		467	468	551	617	755	897	952				17
	267	570										1
Eastwick	215	365	492	749	863	937						5
Evergreen	215	222	243	349	382	386	387	417	571	573	590	
		596	614	615	662	746	823	895	898			18
	267	425	426									2
Germantown	215	438	713	842	843	844	848	849	951	991		9
IvyRidge	215	403	406	482	483	487	508	509	839	930	980	
		984										11
	267	385										1
Jefferson	215	288	289	533	535	537	743	744	807	831	912	10
Knights Road	215	281	501	612	632	637	824					6
Locust	215	209	231	241	246	255	263	299	398	405	419	
		422	448	466	496	523	553	557	561	562	563	
		564	567	568	569	575	585	587	636	640	655	
		656	665	683	685	686	751	761	762	814	832	
		841	845	851	854	864	903	963	972	977	979	
		981	988	994								53
	267	216	256	330	402	675						5
Market	215	238	304	309	351	372	408	409	413	418	433	
		440	451	503	515	521	560	566	574	580	592	
		597	607	608	625	627	629	644	709	733	786	
		797	829	846	873	922	923	925	928	931	936	
		955	973									42
	267	321	671									2
Mayfair	215	331	332	333	335	338	543	624	708			8
Orchard	215	330	464	516	552	602	618	671	673	676	677	
		698	856	934	960	961	969					16
Pennypacker	215	454	520	545	546	670	731	732	735	772	790	
		875	893	985								13
Pilgrim	215	214	342	379	663	695	697	722	725	728	737	
		742	745									12
Poplar	215	204	232	235	236	684	763	765	769	777	787	
		978										11
Regent	215	203	291	423	425	426	427	634	739			8
Saratoga	215	724	726	727	729	730						5
Sherwood	215	471	472	474	476	528	747	748	764			8
Trinity	215	452	473	477	502	578	581	871	877	878	879	
		883										11
Waverly	215	224	276	424	548	549	635	782	924	927		9
Elkins Park	215	635	782									2
Flourtown	215	233	402	836								3
Cheltenham	215	379	663									2

Total	215	303
Total	267	11

7.1.6. Call Volume and 9-1-1 Call Breakdown

The City of Philadelphia receives their call volume tabulation from on-site Verizon personnel which was estimated. The total 9-1-1 calls received in 2008 was estimated to be 2,999,043 calls. The wireless 9-1-1 calls recognized by the PSAP was estimated to be 1,756,906 calls. The wireless call ratio was 58.58% of the total 9-1-1 calls received. The PSAP is now using Plant MaGIC software to tabulate their call volume, however there were software problems in the January thru March 2008 which Verizon has corrected the problem.

Call Volume Data (2008)	Estimated
Description	Total Calls
Total wireless 9-1-1 calls handled by PSAP	1,756,906
Total landline 9-1-1 calls handled by PSAP	1,242,137
Total 9-1-1 calls handled by PSAP	2,999,043

7.2. RADIO

7.2.1. Description of Radio System

The Primary PSAP radio system was purchased in 1999 and went on-line in the Primary PSAP in Sept 2002. It is a ten (10) site simulcast Digital system from Motorola. The Primary PSAP uses eighty-six (86) talk-groups in the digital system.

The Secondary PSAP Philadelphia Fire Department (PFD) utilizes a radio system on the 800 MHz frequency. This system is a dual system (A & B) in which the PFD uses the "A" side in conjunction with other City agencies, water department and the streets department as well as others. The Primary PSAP (Police) uses the "B" side independently. System "A" is comprised of fifteen (15) channels; one is a control channel for distributing the channels to be used, and the remaining fourteen (14) are trunk channels that allow for optimal use for multiple radios. The system is further broken down by "talk-groups", these talk-groups are assigned various permissions and abilities. For example, the "Command" radios have access to talk-groups that the "Special" radios do not have access to. Additionally, there are three (3) "Analog" frequencies that are programmed on all the radios utilized by the Fire Department to allow for "Radio to Radio" communications that is not retransmitted through the trunk radio system. All radios assets for PFD are aliased for ease of identification, this is also a safety feature that the PFD uses, this radio system has an Emergency Button that allows a user to signal that they are in distress. When this user is on any frequency that goes through the Trunk

system this signal is transmitted to the Fire Communications Center (FCC) as well as being visible on the portable and Mobile Radios (No audible signal is received outside of the FCC except for the radio declaring an emergency). This allows the staff at the FCC to monitor and inform personnel at the scene that an emergency has been declared. This system began its roll-out in October, 2002.

City of Philadelphia 9-1-1 dispatches Police, Fire and EMS services for the city, any requests for the Pennsylvania State Police are transferred to the appropriate State Police Barracks, although City of Philadelphia 9-1-1 does have the capability of direct radio contact with Pennsylvania State Police on the City Police radio frequencies if necessary.

7.2.2. Copies of Licenses

Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date
KA2660	PHILADELPHIA, CITY OF	3233707	PW	Active	03/30/2012
KAV718	PHILADELPHIA, CITY OF	3233707	PW	Active	03/31/2012
KD4811	PHILADELPHIA, CITY OF	3233707	IG	Active	06/30/2012
KD6365	PHILADELPHIA, CITY OF	3233707	PW	Active	10/25/2015
KF9481	PHILADELPHIA, CITY OF	3233707	PW	Active	09/03/2012
KF9482	PHILADELPHIA, CITY OF	3233707	PW	Active	08/06/2012
KG7858	PHILADELPHIA, CITY OF	3233707	PW	Active	01/15/2012
KGC742	PHILADELPHIA, CITY OF	3233707	IG	Active	07/14/2012
KGF587	PHILADELPHIA, CITY OF	3233707	PW	Active	02/01/2015
KGF991	PHILADELPHIA, CITY OF	3233707	PW	Active	08/06/2012
KJ2176	PHILADELPHIA, CITY OF	3233707	PW	Active	02/12/2013
KL7263	PHILADELPHIA, CITY OF	3233707	PW	Active	03/28/2012
KLM719	PHILADELPHIA, CITY OF	3233707	PW	Active	12/31/2011
KLS497	PHILADELPHIA, CITY OF	3233707	PW	Active	03/28/2012
KNAY792	PHILADELPHIA, CITY OF	3233707	PW	Active	09/24/2011
KNCY656	PHILADELPHIA, CITY OF	3233707	PW	Active	12/31/2011
KNCY657	PHILADELPHIA, CITY OF	3233707	PW	Active	12/31/2011
KNDN543	PHILADELPHIA, CITY OF	3233707	PW	Active	02/28/2014
KNGQ614	PHILADELPHIA, CITY OF	3233707	PW	Active	06/17/2013
KNIN346	PHILADELPHIA, CITY OF	3233707	PW	Active	02/19/2012
KNIZ528	PHILADELPHIA, CITY OF	3233707	PW	Active	10/18/2014
KO3741	PHILADELPHIA, CITY OF	3233707	PW	Active	12/02/2011
KVN533	PHILADELPHIA, CITY OF	3233707	PW	Active	02/26/2013
KWM747	PHILADELPHIA, CITY OF	3233707	PW	Active	02/16/2014
KWM748	PHILADELPHIA, CITY OF	3233707	PW	Active	07/01/2011
WCT263	PHILADELPHIA, CITY OF	3233707	IG	Active	07/14/2012
WCY7429	PHILADELPHIA, CITY OF	3233707	SA	Active	10/22/2018
WDB361	PHILADELPHIA, CITY OF	3233707	PW	Active	11/30/2012
WDB363	PHILADELPHIA, CITY OF	3233707	PW	Active	08/06/2012
WDE789	PHILADELPHIA, CITY OF	3233707	PW	Active	03/01/2013
WDE791	PHILADELPHIA, CITY OF	3233707	PW	Active	03/01/2013
WDW316	PHILADELPHIA, CITY OF	3233707	IG	Active	07/11/2013
WDW317	PHILADELPHIA, CITY OF	3233707	IG	Active	07/11/2013

CITY OF PHILADELPHIA
PSAP

EMERGENCY 9-1-1
2008 TRIENNIAL PLAN

WNGE384	PHILADELPHIA, CITY OF	3233707	GP	Active	08/05/2011
WNMJ331	PHILADELPHIA, CITY OF	3233707	PW	Active	08/09/2013
WNRD678	PHILADELPHIA, CITY OF	3233707	PW	Active	01/18/2015
WNSJ647	PHILADELPHIA, CITY OF	3233707	PW	Active	09/11/2012
WNTR466	PHILADELPHIA, CITY OF	3233707	MW	Active	06/04/2018
WNUM344	PHILADELPHIA, CITY OF	3233707	PW	Active	09/22/2015
WNXJ761	PHILADELPHIA, CITY OF	3233707	PW	Active	09/24/2011
WNXJ765	PHILADELPHIA, CITY OF	3233707	PW	Active	09/24/2011
WNXJ769	PHILADELPHIA, CITY OF	3233707	PW	Active	09/24/2011
WNXJ773	PHILADELPHIA, CITY OF	3233707	PW	Active	09/24/2011
WPCD802	PHILADELPHIA, CITY OF	3233707	PW	Active	08/18/2013
WPED337	PHILADELPHIA, CITY OF	3233707	IG	Active	02/03/2014
WPIC749	PHILADELPHIA, CITY OF	3233707	PW	Active	07/06/2015
WPKV974	PHILADELPHIA, CITY OF	3233707	PW	Active	08/11/2012
WPPB590	PHILADELPHIA, CITY OF	3233707	PW	Active	10/06/2014
WPRW578	PHILADELPHIA, CITY OF	3233707	YF	Active	03/01/2011
WPTE421	PHILADELPHIA, CITY OF	3233707	PW	Active	09/10/2011
WPUG620	PHILADELPHIA, CITY OF	3233707	GF	Active	02/28/2012
WPUJ511	PHILADELPHIA, CITY OF	3233707	YF	Active	03/12/2012
WPVU572	PHILADELPHIA, CITY OF	3233707	PW	Active	08/22/2012
WPYR551	PHILADELPHIA, CITY OF	3233707	PA	Active	10/07/2013
WQCF247	PHILADELPHIA, CITY OF	3233707	PW	Active	02/17/2015
WQCG318	PHILADELPHIA, CITY OF	3233707	PW	Active	02/24/2015
WQCH483	PHILADELPHIA, CITY OF	3233707	GF	Active	03/04/2015
WQCP395	PHILADELPHIA, CITY OF	3233707	PW	Active	04/21/2015
WQEK750	PHILADELPHIA, CITY OF	14419451	PW	Active	02/22/2016
WQH265	PHILADELPHIA, CITY OF	3233707	PW	Active	07/09/2015
WSL643	PHILADELPHIA, CITY OF	3233707	PW	Active	08/30/2014
WYX7091	PHILADELPHIA, CITY OF	3233707	SB	Active	02/23/2015
WYX7092	PHILADELPHIA, CITY OF	3233707	SB	Active	02/23/2015
WYX7093	PHILADELPHIA, CITY OF	3233707	SB	Active	11/22/2014
WZB9311	PHILADELPHIA, CITY OF	3233707	SA	Active	02/23/2015
WZM898	PHILADELPHIA, CITY OF	3233707	PW	Active	03/25/2012

8. FINANCIAL INFORMATION

8.1. Triennial Audit Balance Sheet from the most current Audit.

The City of Philadelphia contracted with Zelenkofske Axelrod LLC to provide a Triennial Audit. A copy of their report follows on subsequent pages.

8. FINANCIAL INFORMATION

8.1. Triennial Audit Balance Sheet from the most current Audit.

CITY OF PHILADELPHIA 911 SYSTEM
WIRELINE 9-1-1
STATEMENTS OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
YEARS ENDING JUNE 30, 2007, 2006, AND 2005

	<u>2007</u>	<u>2006</u>	<u>2005</u>
Revenues			
Tariff revenue	\$ 9,422,159	\$ 9,557,721	\$ 10,052,251
Interest Revenue	<u>465,493</u>	<u>404,434</u>	<u>216,151</u>
Total revenues	<u>9,887,652</u>	<u>9,962,155</u>	<u>10,268,402</u>
Expenditures			
Operating/administrative	-	-	-
Other	<u>-</u>	<u>-</u>	<u>-</u>
Total expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Income before transfers	9,887,652	9,962,155	10,268,402
Other Financing Uses			
Transfer to General Fund	(5,653,296)	(5,734,632)	(6,031,351)
Transfer to Capital Fund	<u>(2,112,212)</u>	<u>(7,312,359)</u>	<u>(5,828,166)</u>
Total Other Financing Uses	<u>(7,765,508)</u>	<u>(13,046,991)</u>	<u>(11,859,517)</u>
Change in Fund Balance	2,122,144	(3,084,836)	(1,591,115)
Fund Balance - Beginning of Year	<u>3,680,813</u>	<u>6,765,649</u>	<u>8,356,764</u>
Fund Balance - End of Year	<u>\$ 5,802,957</u>	<u>\$ 3,680,813</u>	<u>\$ 6,765,649</u>

The accompanying notes are an integral part of the financial statements.

CITY OF PHILADELPHIA 911 SYSTEM
WIRELESS 9-1-1
STATEMENTS OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
YEARS ENDING JUNE 30, 2007, 2006, AND 2005

	<u>2007</u>	<u>2006</u>	<u>2005</u>
Revenues			
Wireless Revenue	\$ 7,092,655	\$ 13,914,921	\$ -
Interest Revenue	<u>852,096</u>	<u>264,784</u>	<u>-</u>
Total revenues	<u>7,944,751</u>	<u>14,179,705</u>	<u>-</u>
Expenditures			
Operating/administrative	<u>-</u>	<u>-</u>	<u>-</u>
Total expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Income before transfers	7,944,751	14,179,705	-
Other Financing Uses			
Transfer to Capital Fund	<u>(5,118,470)</u>	<u>(1,177,840)</u>	<u>-</u>
Total Other Financing Uses	<u>(5,118,470)</u>	<u>(1,177,840)</u>	<u>-</u>
Change in Fund Balance	2,826,281	13,001,865	-
Fund Balance - Beginning of Year	<u>13,001,865</u>	<u>-</u>	<u>-</u>
Fund Balance - End of Year	<u><u>\$ 15,828,146</u></u>	<u><u>\$ 13,001,865</u></u>	<u><u>\$ -</u></u>

The accompanying notes are an integral part of the financial statements.

CITY OF PHILADELPHIA, 911 SYSTEM
 SCHEDULE I - PUBLIC SAFETY EMERGENCY TELEPHONE ACT WIRELINE ALLOWABLE EXPENDITURES
 (ACT 78 OF 1990, P.L. 340, NO.78, AS AMENDED)
 YEARS ENDED JUNE 30, 2007, 2006, AND 2005

	<u>2007</u>	<u>2006</u>	<u>2005</u>
<u>Allowable expenditures - wireline</u>			
Salaries, wages, fringe benefits and training	\$ 6,595,511	\$ 6,690,405	\$ 7,036,575
Total salary/benefits/training	6,595,511	6,690,405	7,036,575
Police Communication System Improvements	2,160	1,210,093	1,144,230
Computer Aided Dispatch Upgrades	10,428	1,791,068	711,558
800 MHZ Radio System Upgrades	1,336,723	4,378,885	162,219
Backup Generator Costs	13,570	31,014	6,492
Public Property Communication Systems	119,269	390,765	374,128
Fire Communication System Improvements	188,808	387,332	-
Total allowable expenses	<u>\$ 8,266,469</u>	<u>\$ 14,879,562</u>	<u>\$ 9,435,202</u>

CITY OF PHILADELPHIA, 911 SYSTEM
 SCHEDULE II - PUBLIC SAFETY EMERGENCY TELEPHONE ACT WIRELESS ALLOWABLE EXPENDITURES
 (ACT 78 OF 1990, P.L. 340, NO. 78, AS AMENDED)
 YEARS ENDED JUNE 30, 2007, 2006, AND 2005

	<u>2007</u>	<u>2006</u>	<u>2005</u>
<u>Allowable Expenses - Wireless</u>			
CPE and Related Systems	\$ 4,660,871	\$ 4,915,814	\$ -
Computer Aided Dispatch	2,985	1,415,193	-
Other Associated Systems and Equipment	-	96,193	-
Other Eligible Equipment and Costs	197,879	827,561	-
Total Allowable Expenditures	<u>\$ 4,861,735</u>	<u>\$ 7,254,761</u>	<u>\$ -</u>

8.2. Copies of contracts, agreements, receipts for equipment



Order Number
2008-451375

Description of Service

I. Terms and Conditions

This Order listed is in accordance with the terms and conditions of "Schedule and Agreement For Centrex Services, Customized Pricing and Design Option, Voice Messaging Service and City Net Service Agreement" executed October 1, 2007 between Verizon Pennsylvania Inc. ("Verizon") and the City of Philadelphia.

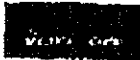
II. Configuration

Verizon will provide the following Power Upgrades and associated services to the City of Philadelphia for:

Department of Public Property
Philadelphia Police 911 PSAP
750 Race Street
Philadelphia, PA 19106

A. Quantity Description of Services

- 1 Design and Installation of a new HVAC Support System that will cover the 911 Call Taker Area and 800MHZ Dispatch Area, along with the 911 Data Center Area, at Philadelphia Police Headquarters, 750 Race St, Phila, PA.
- 1 The proposal includes the installation of one (1) new 80-ton air cooled outside mount chiller system complete with dual pumps, redundant controller, four (4) new 5-ton down flow Data Computer Room Air Conditioning (CRAC) units, and eight (8) new up-flow front discharge CRAC units. We propose the use of these chilled water units for precision environmental control of the data center and call taker areas. The units in the data center will have exacting control of temperature, humidification, de-humidification, re-heat, redundant interface controllers and computer quality filtration. The Call Taker Area will have the same controls and options but will not have humidification. Included in this portion of the proposal, we intend to provide a microprocessor control panel for each unit to monitor the operating functions, as well as, providing a malfunction detection alarm and read-out system. The chiller will have the same control read out system.



Order Number
2008-451375

Rates

<u>Rate Element</u>	<u>Non-Recurring Charge</u>	<u>Monthly Recurring Charge</u>	<u>Termination Liability</u>	<u>Contract Term</u>
A. HVAC System At 750 Race St	\$305,500.00	N/A	N/A	N/A
A. Professional Services At 750 Race St	<u>\$388,500.00</u>	N/A	N/A	N/A
Total Cost	\$695,000.00			

CITY OF PHILADELPHIA

Verizon Business Network Services, Inc.
On Behalf of,
VERIZON-PENNSYLVANIA, INC.

By: James H. Breyer

By: [Signature]

Title: Deputy Commissioner

Title: _____
Sulciman Hessami
VP Pricing/Contract Management

Date: 6-13-08

Date: 6/17/08

Verizon, Inc is projecting a 30-week start-to-finish time frame for this project. Verizon, Inc will manage the implementation and provide the business process professional services, as well as, provide training and support to the City of Philadelphia.



Philacor **MEMORANDUM**

TO: Frank Punzo, *Dep. Comm.*, Public Property

DATE: August 11, 2008

FROM: Jim Filler, *Asst. Dir.*, Philacor

SUBJECT: FURNITURE ESTIMATE

Below please find an estimate for the seating for the 911 Center.

Humanscale Freedom chairs
60 chairs @ \$560.00 each = \$33,600.00

Humanscale Liberty chairs
25 chairs @ \$490.00 each = \$12,250.00

If we can be of any further assistance, please let us know.

cc: Eleanor Doherty, *Director*
File



City of Philadelphia

City Council
Chief Clerk's Office
402 City Hall
Philadelphia, PA 19107

BILL NO. 080955

Introduced December 11, 2008

Councilmember Clarke

**Referred to the
Committee on Public Property and Public Works**

AN ORDINANCE

Authorizing the Public Property Commissioner and the Procurement Commissioner, on behalf of the City of Philadelphia, to enter into an agreement with Motorola, Inc., for Motorola to design, build, install, optimize, and maintain facilities and equipment for the upgrade of the City's 800 MHz trunked municipal radio communications system; all under certain terms and conditions.

WHEREAS, the City initially selected Motorola, Inc., a Delaware corporation ("Motorola"), through a competitive process, to furnish, install and fully implement a circuit-based 800 MHz trunked municipal radio communications system for the use of the City, and entered into Contract No. 99-0844 dated June 30, 1999 by and between the City and Motorola for the initial construction of the City's trunked municipal radio system; and

WHEREAS, the City has determined that it is advisable to upgrade the City's existing circuit-based ASTRO 800 MHz trunked municipal radio communications system to an Internet Protocol-based ASTRO 25 IP network; now therefore,

THE COUNCIL OF THE CITY OF PHILADELPHIA HEREBY ORDAINS:

SECTION 1. The Public Property Commissioner and the Procurement Commissioner, on behalf of the City of Philadelphia, are hereby authorized to enter into an agreement with Motorola, Inc., a Delaware corporation ("Motorola"), to design, build, install, optimize, and maintain facilities and equipment, for the upgrade of the City's existing circuit-based ASTRO 800 MHz trunked municipal radio communications system to Motorola's open-standards, Internet Protocol (IP) based ASTRO 25 IP network (the "Upgrade"), in accordance with a Scope of Services to be negotiated by Motorola and the Department of Public Property, and incorporating provisions that the City Solicitor believes to be in the best interests of the City.

City of Philadelphia

BILL NO. 080955 continued

SECTION 2. The agreement authorized in Section 1 of this Ordinance shall have terms consistent with those set forth in Exhibit "A" hereto, and shall include such provisions as the City Solicitor and the Department of Public Property deem to be in the City's best interests.

SECTION 3. The Chief Clerk of City Council shall keep all Exhibits to this Ordinance on file and make them available to the public for inspection and copying during regular office hours.

City of Philadelphia

BILL NO. 080955 continued

EXHIBIT A

1. **Term of Agreement:** Four years from execution date
2. **Purchase price for Fixed Network Equipment, Subscriber Equipment, and Services (after discounts excluding Maintenance Services after Warranty Periods):** \$ 34,492,443.0
3. **Cost breakdown for ASTRO 25 Upgrade**

Total Master Site Equipment	\$ 2,739,495.45
All master site equipment including IV&D and ASTRO switching/router network	
Total Fixed Network Equipment	\$ 1,121,258.75
Site controller, switching/router network, comparators for all sites	
Total GTR8000	\$ 8,923,300.00
362 GTR8000 base stations and options	
Total MOSCAD	\$ 354,249.55
MOSCAD server and 3 terminals for network monitoring	
Total Elite Upgrade	\$ 511,177.25
Upgrade to all existing consoles to integrate with new network	
Total Spares	\$ 244,871.80
Field replaceable units for all major network components	
Total Test Equipment	\$ 130,716.26
In order to facilitate optimization and maintenance of network	
Total KMF Equipment	\$ 214,734.30
Key management Facility software and terminal to maintain encrypted radio fleet	
Total POP25	\$ 17,875.25
Enables network to program software equipped radio units over the air	
Total Spectra Upgrades	\$ 2,230,648.00
Upgrading 854 existing mobile radio units to work on new network	
Total XTS3000 Upgrades	\$ 2,600,000.00
Upgrading all existing portable radio units to work on new network	
Total XTL5000 Upgrades	\$ 3,000.00
Upgrading 10 existing mobile radio units to work on new network	
Total XTS2500 Upgrades	\$ 80,000.00
Upgrading 100 existing portable radio units to work on new network	

City of Philadelphia

BILL NO. 080955 continued

Total XTS5000 Upgrades Upgrading 555 existing portable radio units to work on new network	\$ 141,525.00
Total XTS5000 1230 new portable radio units; 685 with encryption	\$ 5,549,453.60 SE
Total Equipment at City Discount Pricing	\$ 24,862,305
Total Services at City Discount Pricing	\$ 8,138,231
Total Equipment And Services	\$ 33,001,536
Additional 1500 XTS5000 Portable radios (no S/M or Case)	\$ 5,502,180.00 SE
Additional Equipment (DVRs) 40 mobile, 5 fixed, 5 transportable	\$ 818,361.00
Mobile DVRs Installation	\$ 54,000.00
Remove S/M and cases from 1230 portables	(\$ 188,190.00) SE
Updated Total Equipment and Services	\$ 39,187,887.00
Additional System Discounts:	
Fire XTS3000 Trade-in credit	(\$1,000,000.00) SE
SmartZone Trade-in Credits and Additional Discount	(\$2,013,093.00)
*SZ Trade-in based on FNE equipment and 815 portable radios	
Additional Trade-in for Four (4) Controllers	(\$ 80,000.00)
Credit for DVRs Equipment and Services	(\$ 872,361.00)
SmartZone Trade-in credit for 1500 radios	(\$ 450,000.00) SE
Additional System Discount	(\$ 300,000.00)
Total Equipment and Services with Additional Programs and Discounts	\$ 34,492,443.00
Total Subscriber Equipment Costs with Discounts & Credits:	\$ 9,413,443.60
Total Fixed Network Equipment & Upgrade Services Costs:	\$ 25,078,999.40
Total Equipment and Services with Addl. Programs & Discounts	\$ 34,492,443.00



Quote #: 12115748
Quote date: 6-Feb-08
Prepared by: John Clarke

To: GEORGE GRANATO
From: OTHER US GOV'T TEAM MA
ipsma@insight.com
888-231-3196 - Phone
480-760-6128 - Fax

Quote #: 12115748

Thank you for the opportunity to quote on the following products. All prices are subject to change without notice and are exclusive of taxes, duties, or tariffs. Insight will attempt to ensure pricing remains constant through the calendar month.

For order placement, or if you have any additional questions please contact your Insight dedicated representative. Purchase orders are received via fax or e-mail. We look forward to helping you in the future. The information herein is confidential.

Billto No: 1277398

B CITY OF PHILADELPHIA
I POLICE DEPARTMENT #11
L 700 RACE ST, RM 307 FINANCE
L Philadelphia, PA 19106
T US
O

S CITY OF PHILADELPHIA
H POLICE DEPARTMENT
I POLICE HEADQUARTERS
P 8TH & RACE ST, RM 212
T Philadelphia, PA 19106
O US

Line No	Insight Part ID	Mft Part ID	Part Description	Qty	Unit Price	Ext Price
NR 1	S214413	CPPWR-VPG-1A-U	Check Point Secondary VPN-1 Power Gateway Unltd Usr MP LIC (EU,NR)	1	6,676.80	6,676.80
NR 2	C174402	EBS-SS	Check Point Ent Based Sppt Sub ESD (EU,NR) Comment: Coverage Dates: 06-Feb-2008 - 05-Feb-2009	1	1,166.08	1,166.08
NR 3	C131364	CPPWR-VPG-1I	Check Point VPN-1 Power Gateway MP Unltd Usr Lic (EU,NR)	1	8,346.00	8,346.00
4			3 DAY SUCCESS PACK Comment: Service pack price includes all T and E expenses.	1	7,500.70	7,500.70
5		IS-SW-XB-VAP-A PM6-1	IPS SOFTWARE FOR CRBM-X-8600	2	25,675.72	51,351.44
6		DC3000-000-001-B-1-W	DC3000 WL 365 GB DISK KIT, RPS	1	33,807.72	33,807.72
7			SUP-IPS SOFTWARE FOR CRBM-X-8600-P	2	5,648.66	11,297.32
8		S-DC3000-000-001-B-1-P	SUPPORT-DC3000 365 GB DISK EXP KIT, RPS PLATINUM	1	7,437.70	7,437.70

Key

• Item is in-stock
NR - Non-returnable

Subtotal: 127,583.76 USD

*6/6/08 Approved
Frank A. Pige*

-  - Item will ship direct from manufacturer's warehouse
-  - Non-shippable/invoice only part
-  - This part requires a contract before an order may be placed
-  - Stock is low on this item. Please call for additional information

* Please note - freight is an estimate only

Unless otherwise agreed by Insight in writing, payment is due 30 days from date of invoice. For a full copy of Insight's terms and conditions, which shall be in effect unless otherwise agreed by Insight in writing, go to https://shop.software_spectrum.com/content/en-us/terms_of_sale.asp



Routing Code 5CPE

**AMENDMENT No. 30 TO
SERVICE AGREEMENT
(CASE #s 2005-330160, 2005-330196, 2005-330173,
2005-314916, 2005-316945, 2005-330809, 2005-332104)
BETWEEN VERIZON PENNSYLVANIA INC. AND
CITY OF PHILADELPHIA - DEPARTMENT OF PUBLIC PROPERTY
DATED SEPTEMBER 16, 2006**

THIS AMENDMENT NO. 30 ("Amendment #30") (Case #2008-448600) by and between the City of Philadelphia – Department of Public Property ("Customer") and Verizon Pennsylvania Inc. ("Verizon") is to the Agreement made between the Customer and Verizon, signed by Customer on September 16, 2005 (Case #s 2005-330160, 2005-330196, 2005-330173, 2005-314916, 2005-316945, 2005-330809, 2005-332104), as amended, for the provision of certain 911 Services ("Agreement").

WHEREAS, the Agreement sets forth the terms and conditions which govern the Services that Verizon currently provides to Customer; and

WHEREAS, the parties now desire to add Customer's agreement to pay the amounts set forth herein for the items described below in this Amendment #30, and to set forth the rates and charges that Customer agrees to pay for such items described below;

NOW THEREFORE, the parties agree to amend the Agreement as follows:

1. Exhibit A, Section 1, "Services and Quantity Commitments", is amended to add the following:

"Customer agrees to pay the charges below for the quantity of items identified in Attachment 1, Public Safety Answering Position ("PSAP") Call Taker Furniture, which is attached to this Amendment #30 and made a part of the Agreement. Verizon will replace 911 PSAP Call Taker Furniture at Customer's Fire Department 911 PSAP located at 240 Spring Garden Street, Philadelphia, PA.

Description	Nonrecurring Charge*	Monthly Rate
PSAP Call Taker Furniture – City of Philadelphia Fire Department 911 PSAP located at 240 Spring Garden St., Philadelphia, PA	\$285,000.00	N/A

* Note 1: The Nonrecurring Charge includes removal of Customer's existing PSAP Call Taker Furniture to Customer's loading dock at 240 Spring Garden St. Customer is responsible for disposal of existing PSAP Call Taker Furniture.

* Note 2: Following payment of the Nonrecurring Charge set forth above, termination charges will not apply to the above Products and Services in this Amendment because applicable charges will have been paid as Nonrecurring Charges. If Customer terminates this Amendment #30 subsequent to the execution of this Amendment by the Parties but prior to the provision of the Products and Services listed above, Customer shall pay to Verizon all costs and liabilities incurred by Verizon in connection with the procurement, contract and service preparation, and provision of the Products and Services listed above."

2. Except as specifically modified herein, all other terms, rates and conditions of the Agreement shall remain in full force and effect.

3. Should any of the terms, rates and conditions of this Amendment #30 conflict with the terms and conditions of the Agreement, the terms and conditions of this Amendment #30 shall prevail.



4. The terms and rates contained herein will expire unless this Amendment #30 is signed, by an authorized representative of both parties, on or before June 28, 2008.
5. This Amendment #30 is hereby made a part of the Agreement and incorporated therein by reference and by executing this Amendment #30 Customer agrees to the terms, rates and conditions existing in the Agreement.
6. Each party, intending to be legally bound has caused this Amendment #30 to be executed by its authorized representative on the date(s) indicated below, to be effective as of the last date executed ("Effective Date").

AGREED TO:

CITY OF PHILADELPHIA -
DEPARTMENT OF PUBLIC PROPERTY

By: FRANK G. PUNZO
Name: Frank G. Punzo
Title: Deputy Commissioner
Date: 5-29-08

ACCEPTED BY:

VERIZON BUSINESS NETWORK SERVICES, INC.
on behalf of VERIZON PENNSYLVANIA INC.

By: [Signature]
Name: Sulciman Hossaini
Title: VP Pricing/Contract Management
Date: 05/29/2008



FID Number: 74-2616805
 Sales Rep: DEBRA J WARREN
 For Sales: (800)981-3355
 Sales Fax:
 For Customer Service: (800)981-3355
 For Technical Support: (800)981-3355
 Dell Online: <http://www.dell.com>

Customer Number: 069029077
 Purchase Order: POXX08118819

Invoice Number: **XCR3PT4X6**

Invoice Date: 07/24/08
 Payment Terms: NET DUE 30 DAYS
 Due Date: 08/23/08
 Shipped Via:
 Waybill Number:

84 01 0 01 1 N

SOLD TO:
 #BWNHKKPV
 #0690 2907 70#
 CITY OF PHILADELPHIA
 DIANE PECCA
 ****CWOPA CONTRACT ONLY****
 DEPT OF PUBLIC PROPERTY
 CITY HALL RM 786
 PHILADELPHIA, PA 19107

SHIP TO:
 PHILA DEPT OF PUBLIC PROPERTY
 FRANK PUNZO
 COMMUNICATIONS DIV CITY HALL RM 732
 , 7TH FL
 PHILADELPHIA, PA 19107

PLEASE REVIEW IMPORTANT TERMS & CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE

Line No	Order	Shipped	Item Number	Description	Unit	Unit Price	Amount
0000001	1	1	42710-053	DESKTOP, STANDARD, OPTIPLEX 755; STANDARD CONFIGURATION; DELL; UPGRADES FOR OPTIPLEX 745;	EA	101,600.00	101,600.00

RECEIVED
 08 AUG 18 AM 9:31
 DEPT OF PUBLIC PROPERTY
 FISCAL INVOICE

RECEIVED
 08 JUL 32 PM 12:02
 DEPT OF PUBLIC PROPERTY
 FISCAL INVOICE

9/5/08 approved *[Signature]*

FOR SHIPMENTS TO CALIFORNIA, A STATE ENVIRONMENTAL FEE OF UP TO \$10 PER ITEM WILL BE ADDED TO INVOICES FOR ALL ORDERS CONTAINING A DISPLAY GREATER THAN 4 INCHES. PLEASE KEEP ORIGINAL BOX FOR ALL RETURNS. COMPREHENSIVE ONLINE CUSTOMER CARE INFORMATION AND ASSISTANCE IS A CLICK AWAY AT WWW.DELL.COM/PUBLIC-ECARE TO ANSWER A VARIETY OF QUESTIONS REGARDING YOUR DELL ORDER.

Ship. &/or Handling	\$	0.00
Subtotal	\$	101,600.00
Taxable:	Tax:	
\$ 0.00	\$	0.00
ENVIRO FEE	\$	0.00
Invoice Total	\$	101,600.00



DETACH AT PERF AND RETURN WITH PAYMENT

MAKE CHECK PAYABLE/REMIT TO:

Invoice Number: XCR3PT4X6
 Customer Name: DIANE PECCA
 Customer Number: 069029077
 Purchase Order: POXX08118819

DELL MARKETING L.P.
 C/O DELL USA L.P.
 PO BOX 643561
 PITTSBURGH, PA 15264-3561

Bank Name: PNC Bank
 Acct #: 1017304611
 ABA #: 043-000-096



Ship. &/or Handling	\$	0.00
Subtotal	\$	101,600.00
Taxable:	Tax:	
\$ 0.00	\$	0.00
ENVIRO FEE	\$	0.00
Invoice Total	\$	101,600.00
	\$	0.00
	\$	
Balance Due	\$	101,600.00
Amt. Enclosed	\$	

Description of Service

I. Terms and Conditions

This Order listed is in accordance with the terms and conditions of "Schedule and Agreement For Centrex Services, Customized Pricing and Design Option, Voice Messaging Service and City Net Service Agreement" executed October 1, 2008 between Verizon Pennsylvania, Inc. ("Verizon") and the City of Philadelphia.

II. Configuration

Verizon will provide the following E911 Power Preventive Inspection Services to the City of Philadelphia for:

Philadelphia Department of Public Property
1400 J. F. Kennedy Blvd
City Hall, Room 702
Philadelphia, PA 19107

A. Scope of Work

Provide Inspection Management Services for a period from July 1, 2008 through June 30, 2009 on the City of Philadelphia's E911 Uninterruptible Power Supply Systems and their associated batteries and environments at:

Philadelphia Police Headquarters

- Provide Inspection Management Services for two (2) Power Ware 9316-160, Model 160kVA, Parallel Redundant UPS Systems. Each System includes forty (40) sealed maintenance free batteries.
- Provide Maintenance Inspections Services for Ten (10) APC 750RM2U UPS Systems located in the Telephone Equipment Cabinets in the Halls.
- Provide Inspection Services on two (2) HVAC Systems, Condensers, Fire Suppression, Building Alarm's and Remote FIMIL System Alarm Panel.
- Provide inspection services on all related Power Equipment, PDU's and Transformers, 911 Automatic Transfer Switch.
- Inspection Services to include: Unlimited Remedial Service, All Parts, Labor and Expenses, 4-Hour On-Site Response, two (2) PM Inspections per year, 7 x 24 Coverage.
- Provide one-annual comprehensive UPS Battery Inspection for each UPS System.
- Provide infrared scan to determine hot spots.
- Provide Inspection, Report and recommendations to the 911 Power Building and it's Supporting Power Distribution @ PHQ.

01/06/08

Order Number
08-445957

Rates

<u>Rate Element</u>	<u>Non-Recurring Charge</u>	<u>Monthly Recurring Charge</u>	<u>Termination Liability</u>	<u>Contract Term</u>
A 911 UPS Inspection Management Services	\$89,000	N/A	N/A	12 Mos.

CITY OF PHILADELPHIA

Verizon Business Network Services, Inc
On Behalf of,
VERIZON-PENNSYLVANIA, INC.

By: Frank B. P...

By: Suleiman Hessami

Title: Deputy Commissioner

Title: Suleiman Hessami
VP Pricing/Contract Management

Date: 10/18/08

Date: 10/20/08

Description of Service

I. Terms and Conditions

This Order listed is in accordance with the terms and conditions of "Revised and Restated Schedule and Agreement For Centrex Services, Customized Pricing and Design Option, Voice Messaging Service and City Net Service Agreement" executed October 1, 2007 between Verizon Pennsylvania, Inc. and the City of Philadelphia.

II. Configuration

Verizon - Pennsylvania, Inc. ("Verizon") will provide the following 800MHZ Electrical and 911 Power Upgrades to the City of Philadelphia at:

Department of Public Property

1400 J.F. Kennedy Blvd
City Hall-Room 702
Philadelphia, PA 19107

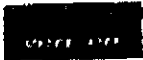
A. Quantity Scope of Work

- 1 Perform requested HVAC and Power upgrades required to keep the City of Philadelphia's 800MHZ Police Radio and 911 Network Equipment in operating conditions. This will include out of hours service calls needed to keep the system up and running. The agreement will cover the period of time from May 12 2008 through December 31, 2008.

The Upgrade Project will cover the following City of Philadelphia 80MHZ Sites:

Site Locations:

- o Philadelphia City Hall
- o Philadelphia Police Headquarters
- o Fire Administration Building
- o Domino Lane & Umbria Street
- o Germantown Avenue & Carpenter Lane
- o Ford Road & Belmont Avenue
- o 3100 Grays Ferry Avenue
- o Fort Mifflin Road
- o Luzerne Street & Whitaker Avenue
- o Police Academy - State Street
- o Bustleton Avenue & Hofnagel Street
- o Southampton Road & Roosevelt Blvd



Order Number
08-448100

Rates

<u>Rate Element</u>	<u>Non-Recurring Charge</u>	<u>Monthly Recurring Charge</u>	<u>Termination Liability</u>	<u>Contract Term</u>
A. 800MHZ Upgrade Project	\$47,100	N/A	N/A	N/A

CITY OF PHILADELPHIA

Verizon Business Network Services, Inc.
On Behalf of,
VERIZON-PENNSYLVANIA, INC.

By: Frank H. Papp

By: [Signature]

Title: Deputy Commissioner

Title: Suleiman Hessami
VP Pricing/Contract Management

Date: 6-10-08

Date: 06/13/2008

800MHz Radio System Sites

	PGW	PECO	Loc. Code
- 6900 Germantown Avenue	771984989	3202901009	2059A ✓
- 4300 Ford Road	660522206	3796800805	2057A ✓
- 301 Domino Lane	*****	2893100103	2066A ✓
- 3059 Grays Ferry Avenue	786889055	3128300101	2056A ✓
- 4800 Fort Mifflin Road	*****	5033901603	2063A ✓
- 4040 Whitaker Avenue	788701235	1378701207	2058A ✓
- 8225 Bustleton Avenue	*****	4163301703	2061A ✓
- 8501 State Road	*****	*****	*****
- 2650 Southampton Road	494692464	6018901907	2062A ✓

***** Could Not Find an Account Number

City of Philadelphia Tower Site Utilities

Sites	Location Code	Electric Mtr 1	Electric Mtr 2	Gas
--------------	----------------------	-----------------------	-----------------------	------------

For the year 2007

3059 Grays Ferry Avenue	2056A	\$8,550.06	\$8,055.01	\$412.74
4300 Ford Road	2057A	\$0.00	\$0.00	\$438.55
4040 Whitaker Avenue	2058A	\$8,070.41	\$0.00	\$410.90
6900 Germantown Avenue	2059A	\$10,296.81	\$0.00	\$410.82
8225 Bustletown Avenue	2061A	\$8,543.99	\$0.00	\$0.00
2650 Southampton Road	2062A	\$7,669.46	\$0.00	\$0.00
4800 Fort Mifflin Road	2063A	\$8,669.79	\$0.00	\$0.00
301 Domino Lane	2066A	\$1,229.44	\$0.00	\$0.00

Total	\$53,029.96	\$8,055.01	\$1,673.01
--------------	--------------------	-------------------	-------------------

Total Electric	\$61,084.97
-----------------------	--------------------

Total Gas	\$1,673.01
------------------	-------------------

Total	\$62,757.98
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Description of Service

I. Terms and Conditions

This Order listed is in accordance with the terms and conditions of "Schedule and Agreement For Centrex Services, Customized Pricing and Design Option, Voice Messaging Service and City Net Service Agreement" executed October 1, 2007 between Verizon Pennsylvania Inc. ("Verizon") and the City of Philadelphia.

II. Configuration

Verizon will provide the following Power Upgrades and associated services to the City of Philadelphia for:

Philadelphia Fire 911 PSAP
240 Spring Garden Street
Philadelphia, PA 19123

A. Quantity Description of Services

Verizon will upgrade the sealed, maintenance free batteries, in three (3) battery cabinets in the PowerWare System 9315-50kVA UPS Systems at Philadelphia Fire Administration Building

1 Computer Room Battery Cabinet Replacement for Power Ware 9315-50, Model 50kVA UPS System , Three phase. Serial No ER507ZBA03.

- Provide forty (40) sealed, maintenance free Batteries, C&D Dynasty.
- Provide one (1) Battery Cabinet.
- Battery type; UPS12-475FR. 12 volts, 475 watts per cell, Fire rated

1 Utility Room Battery Cabinet Replacement for Power Ware 9315-50, Model 50kVA UPS System , Three phase. Serial No ES324ZDA05.



Order Number
08-451131

Rates

<u>Rate Element</u>	<u>Non-Recurring Charge</u>	<u>Monthly Recurring Charge</u>	<u>Termination Liability</u>	<u>Contract Term</u>
A. UPS Upgrade At Phila Fire Admin Bldg	\$49,000	N/A	N/A	N/A

CITY OF PHILADELPHIA

Verizon Business Network Services, Inc.
On Behalf of,
VERIZON-PENNSYLVANIA, INC.

By: *Frank B. Perry*
Title: *Deputy Commissioner*
Date: *6-18-08*

By: *Suleiman Hessami*
Title: *Suleiman Hessami*
VP Pricing/Contract Management
Date: *06/19/08*

PURCHASE ORDER

CITY OF PHILADELPHIA
PROCUREMENT DEPARTMENT
ROOM 170, MUNICIPAL SERVICES BLDG., PHILA. PA 19102

PO NUMBER CHANGE NO PAG

POXX09106330

✓

SOLD TO

DEPARTMENT OF PUBLIC PROPERTY
COMMUNICATIONS AND SPECIAL SERVICES DIV.
ROOM 702 CITY HALL
PHILADELPHIA PA
NAME : DAN MATHIAS
PHONE: (215) 686-4982

SHIP TO

DEPARTMENT OF PUBLIC PROPERTY
COMMUNICATIONS DIVISION
ROOM 732 CITY HALL, 7TH FLOOR
PHILADELPHIA PA 19107
NAME : FRANK PUNZO
PHONE: (215) 686-4500

INVOICE TO

DEPARTMENT OF PUBLIC PROPERTY
CITY HALL, ROOM 786
PHILADELPHIA PA 19107
NAME : HARVIN LEE
PHONE: (215) 686-4476

ORDER DATE

08/27/08

REQUIRED DATE

SHIPPING INSTRUCTIONS

FOB OUR DESTINATION

TERMS

0% NET 30

VENDOR NUMBER

541599882

PURCHASED FROM

D L T SOLUTIONS INC
13861 SUNRISEVALLEY DRIVE
SUITE 400
HERNDON VA 20170
NAME : RICH YUCH
PHONE: (703) 708-9142

MAIL TO

D L T SOLUTIONS INC
13861 SUNRISEVALLEY DRIVE
SUITE 400
HERNDON VA 20170

PAY TO

D L T SOLUTIONS INC
13861 SUNRISEVALLEY DRIVE
SUITE 400
HERNDON VA 20170
NAME : RICH YUCH
PHONE: (703) 708-9142

CONTRACT NUMBER

040531

BID NUMBER

55810-03

REQ NUMBER

POXX09106330

VENDOR REF NO

BUYER NAME

UNASSIGNED BUYER

BUYER PHONE NO

(999) 999-9999 9

CONTRACT START DATE

02/01/04

CONTRACT END DATE

01/31/09

FED EIN

541599882

ATTACHMENTS

PO START DATE

07/01/08

PO END DATE

01/31/09

ITM NO

DESCRIPTION

QTY

UNIT

UNIT PRICE

AMOUNT

1

THIS IS A REQUIREMENTS CONTRACT PURCHASE ORDER. DO NOT DELIVER
UNTIL DIRECTED TO DO SO BY THE DEPARTMENT, OR SHIPMENT WILL BE REFUSED

21610-008-088

ORACLE LICENSES/RENEWAL-CORE; PUBLIC PROPERTY; PER PA STATE CONTRACT 5810-03 &
QUOTE 3233588.

RENEWAL OF MAINTENANCE SUPPORT

1.00

LO

14,169.3200

14,169.3

***** ACCOUNTING SUMMARY *****
SX INDEX SUBOBJ PROJECT PROJDTL GRNDTL USERCODE AMOUNT
01 204115 0216 FND010 14,169.32

RECORD OF DELIVERIES

Date	Delivery Slip No	Item No	Quantity	Date	Delivery Slip No	Item No	Quantity

TOTAL

14,169.32

ORDER CLOSED

DATE

NAME

TITLE

Signature

NOTICE: PURCHASE ORDER HAS BEEN ENCUMBERED BUT
NOT FINALIZED. TAKE NO ACTION TO ORDER UNTIL COPIES
6 AND 7 HAVE BEEN RECEIVED.

5. RECEIVING CLERK

8.3. City 9-1-1 Financial Information

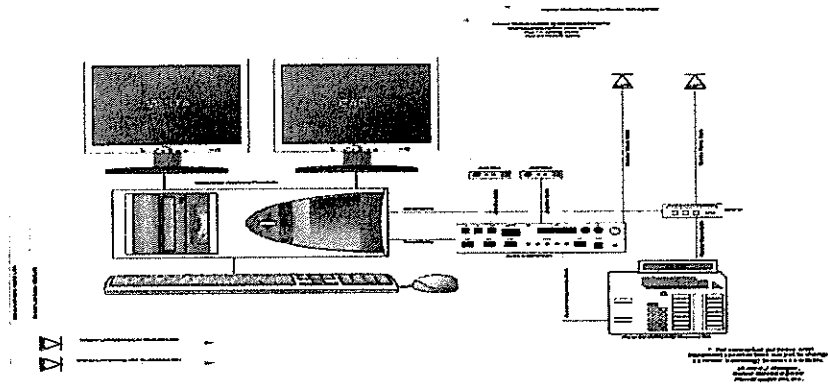
City of Philadelphia's Public Safety Emergency Telephone Act Surcharge funds account is "Restricted, Interest Bearing Account" as per PA Code 4 sect.120b.110 (f), 120b.111 (a); Act 78 sect. 7 (c). The City provides for a budget for the PSETA/911 systems funds/account while the Department of Public Property controls expenditures from the PSETA/911 systems funds/account. The Budget is prepare by the Deputy Commissioner of Public Property and is approved by the Mayor of Philadelphia in accordance with PA Code 4 sect. 120b.111 (b)

9.1. Diagrams of Primary and Secondary PSAPs





City of Philadelphia - VESTA DMS System
Position Diagram
April 21, 2006 - Revision 1.0



This is a detailed architectural floor plan of the first floor of a building. The plan shows a complex layout with multiple rooms, corridors, and structural elements. Key features include:

- Rooms and Areas:** Various rooms are labeled with numbers and letters, such as 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 89

9.2. Supplemental Information

County Name:		City of Philadelphia		PAGE 2	
PSAP:		Philadelphia		Wireless Percentage: 38%	
Summary Work Sheet					
	TOTAL-NON RECURRING CHARGES	TOTAL ANNUAL RECURRING	TOTAL-ANNUAL RECURRING WIRELINE	TOTAL ANNUAL RECURRING WIRELESS % of Wireless vs Wireline	
	(a)	(b)	(b.1)	(b.2)	
A. 911 Telephone Service					
1. 911 Trunks from End CO. to Tandem CO. (or Control C.O.)	\$ -	\$ 194,880.00	\$ 121,307.34	\$ 73,572.66	
	(A.1.a.)	(A.1.b.)	(A.1.b.)	(A.1.b.)	
2. 911 Trunks from PSAP to Tandem Central Office (or Control Central Office)	\$ -	\$ -	\$ -	\$ -	
	(A.2.a.)	(A.2.b.)	(A.2.b.)	(A.2.b.)	
3. Private line(s) From Dispatch Center to Emergency Service Provider	\$ -	\$ 10,709.64	\$ 6,666.45	\$ 4,043.19	
	(A.3.a.)	(A.3.b.)	(A.3.b.)	(A.3.b.)	
4. Services at PSAP	\$ -	\$ 1,550,978.40	\$ 965,440.63	\$ 585,537.77	
	(A.4.a.)	(A.4.b.)	(A.4.b.)	(A.4.b.)	
5. Administrative & Emergency Local Dial Tone Lines	\$ -	\$ 503,301.60	\$ 313,291.15	\$ 190,010.45	
	(A.5.a.)	(A.5.b.)	(A.5.b.)	(A.5.b.)	
B. PSAP Equipment and CPE					
	\$ -	\$ 11,435,458.44	\$ 7,118,252.69	\$ 4,317,205.75	
	(B.1.a.)	B.1.b.)	B.1.b.)	B.1.b.)	
C. Miscellaneous Costs					
	\$ 1,163,850.00	\$ 281,718.44	\$ 175,361.84	\$ 106,358.60	
	(C.1.a)	(C.1.b.)	(C.1.b.)	(C.1.b.)	
D. Personnel Costs					
		\$ 22,092,864.19	\$ 13,752,189.36	\$ 8,340,674.83	
		(D.1.b.)	(D.1.b.)	(D.1.b.)	
Deployment Status: Phase O 0% Phase I (Majority of Wireless Carriers) 25% Phase I (All Wireless Carriers) 50% Phase II (Majority) 75% Phase II (All) 100%					
TOTALS					
		\$ 36,069,910.71	\$ 22,452,509.46	\$ 13,617,401.25	
CALCULATION OF CONTRIBUTION RATE					
1. Total Non-Recurring Charges Per Year (Sum of Column (a) Divided by 3)		Allowed Amortization Per Year for 3 years			
	\$ 387,950.00				
2. Total Annual Recurring Charges (Sum of Column (b))		\$ 36,069,910.71	\$ 22,452,509.46	\$ 13,617,401.25	
3. Total Annual Expense (Line 1+ Line 2)		\$ 36,457,860.71	\$ 22,840,459.46	\$ 14,005,351.25	
4. Total Number of Access Lines (From 911 Access Line Summary Report- (From 911 Access Line Summary Report- Adjusted for Centrex)		743,192			
5. Wireline Tariff Contribution Rate (Annual)		\$ 8,918,304.00			
5. Contribution Rate (Line 3/Line 4/12 months)		\$ 4.09 Per Access Line/Month			

SUPPLEMENTAL INFORMATION

1. Identify the 911 coordinator: Frank G. Punzo A. (Name) Department of Public Property B. (Address) 750 Race Street, Philadelphia, PA 19106 C. Telephone Number 215-686-4500	
2. Identify the public safety answering point(s): A. (Name) Primary PSAP Police B. (Address) Secondary PSAP Fire and EMS	
3. Identify the dispatch center(s) to be supported: A. (Name) B. (Address) C. Dispatch center coordinator name and telephone number location. D. Services dispatched from these locations. (Add additional pages as necessary)	
4. Total Number of tie lines in place:	<u>27</u>
A. Identify the tie line facility by: 1. (Name) 2. (Address) 3. (Coordinator Name and Telephone Number) 4. Total Number of exchanges within the service area: 5. Total Number of central offices within the service area: 6. Total number of proposed 911 lines: 7. Mutual aid agreements in place with surrounding comparable jurisdiction? (Attach copies of county agreements only)	<u>314</u> <u>25</u> No
B. 1. Identify the number of 911 lines assigned to each exchange or central office: 2. Total number of telephone lines to be billed for 911 service: 3. Population of the proposed 911 service area: 4. Number of PSAP's now in existence within the service area: 5. Proposed number of PSAP's:	Page 3 <u>743,192</u> <u>1,517,550</u> <u>2</u> Year 1 _____ Year 2 _____ Year 3 _____
C. Identify all dispatch centers within the service area: 1. (Name) 2. (Address) 3. Service dispatch 4. Service area serviced 5. Population served (From most recent Census - List Year _____) 6. Proposed Number of Dispatch Centers:	_____ _____ _____ _____ Year 1 _____ Year 2 _____ Year 3 _____

D. Backup electrical generator (required): Primary PSAP-Police 1. Size: 2. Output in KVA: 3. Is a full service capable for a 14-day support available? 4. Total PSAP electrical load requirements (to include air conditioning). 5. Minimum test under load - 1 hour per week operating logs must be retained for a period of 36 months: 6. PSAP electrical supply needed to provide essential supply to include air conditioning: (output in KVA) 7. Is generator part of this application? 8. If yes, list cost:	PAGE 1 (continued) Refer to Secondary PSAP information
E. 1. Identify the number of proposed 911 operators to be employed: 2. Identify the number of supervisory personnel assigned to 911: 3. Submit a staffing pattern identifying all those positions directly supporting 911. Include title where applicable. 4. Submit the proposed number of administrative lines to be employed: 5. Submit the proposed equipment cost a. Provide a line item break-out 1. Will the primary PSAP operate 24 hours per day, 7 days per week? 2. Has an alternate PSAP been identified? If yes, provide: a) (Name) b) (Address) 3. If an alternate PSAP is to be used, provide a description of it's capabilities. (Add additional pages as necessary)	<u>Refer to Page 8</u> <u>Refer to Page 8</u> Refer to Page 8 <u>Refer to Page 5</u> <u>Refer to Page 6 & 7</u> Yes Yes
F. 1. If proposed, provide the estimated number of addresses not in the ALL database: 2. Identify the alternate system to be used, i.e. grid, 4-digit zip code, etc.	
G. Attach a drawing to scale the PSAP or PSAP's and associated communications center to include equipment placement.	

		PAGE 1 (continued)
D.	Backup electrical generator (required): 1. Size: 2. Output in KVA: 3. Is a full service capable for a 14-day support available? 4. Total PSAP electrical load requirements (to include air conditioning). 5. Minimum test under load - 1 hour per week operating logs must be retained for a period of 36 months: 6. PSAP electrical supply needed to provide essential supply to include air conditioning: (output in KVA) 7. Is generator part of this application? 8. If yes, list cost:	Secondary PSAP Dual Generators Critical / Backup 285 KW / 205 KW <u>356 KVA / 256 KVA</u> <u>YES / YES</u> <u>YES / YES</u> NA / NA NO / NO NA / NA
E.	1. Identify the number of proposed 911 operators to be employed: 2. Identify the number of supervisory personnel assigned to 911: 3. Submit a staffing pattern identifying all those positions directly supporting 911. Include title where applicable. 4. Submit the proposed number of administrative lines to be employed: 5. Submit the proposed equipment cost a. Provide a line item break-out 1. Will the primary PSAP operate 24 hours per day, 7 days per week? 2. Has an alternate PSAP been identified? If yes, provide: a) (Name) b) (Address) 3. If an alternate PSAP is to be used, provide a description of it's capabilities. (Add additional pages as necessary)	<u>Refer to Page 8</u> <u>Refer to Page 8</u> Refer to Page 8 <u>Refer to Pgs 6 & 7</u> Yes Yes Refer to Chap 2
F.	1. If proposed, provide the estimated number of addresses not in the ALI database: 2. Identify the alternate system to be used, i.e. grid, 4-digit zip code, etc.	
G.	Attach a drawing to scale the PSAP or PSAP's and associated communications center to include equipment placement.	

County Name: City of Philadelphia
 PSAP: Philadelphia

SUMMARY WORK SHEET

	TOTAL NON-RECURRING CHARGES (a)	TOTAL ANNUAL RECURRING (b)
A. 911 Telephone Service		
1. 911 Trunks from End C.O. to Tandem C.O. (or Control C.O.)	<u>\$0.00</u> (A.1.a)	<u>\$194,880.00</u> (A.1.b)
2. 911 Trunks from PSAP to Tandem Central Office (or Control Central Office) See Page 5	<u>\$0.00</u> (A.2.a)	<u>\$0.00</u> (A.2.b)
3. Private Line(s) From Dispatch Center to Emergency Service Provider	<u>\$0.00</u> (A.3.a)	<u>\$10,709.64</u> (A.3.b)
4. Services At PSAP	<u>\$0.00</u> (A.4.a)	<u>\$1,550,978.40</u> (A.4.b)
5. Administrative & Emergency Backup Lines	<u>\$0.00</u> (A.5.a)	<u>\$503,301.60</u> (A.5.b)
B. PSAP Equipment and CPE	<u>\$0.00</u> (B.1.a)	<u>\$11,435,458.44</u> (B.1.b)
C. Miscellaneous Costs	<u>\$1,163,850.00</u> (C.1.a)	<u>\$281,718.44</u> (C.1.b)
D. Personnel Costs		<u>\$22,092,864.19</u> (D.1.b)
TOTALS	<u>\$1,163,850.00</u>	<u>\$36,069,910.71</u>

CALCULATION OF CONTRIBUTION RATE

1. Total Non-Recurring Charges Per Year (Sum of Column (a) Divided By 3)	<u>\$387,950.00</u>	Allowed Amortization Per Year for 3 Years
2. Total Annual Recurring Charges (Sum of Column (b))	<u>\$36,069,910.71</u>	+
3. Total Annual Expense (Line 1 + Line 2)	<u>\$36,457,860.71</u>	
4. Total Number of Access Lines (911 Access Line Summary Report - Adjusted for Centrex)	<u>743,192</u>	
5. Contribution Rate (Line 3 ÷ Line 4 ÷ 12 Months)	<u>4.087981382</u>	Per Access Line Per Month

County Name:

City of Philadelphia

PSAP:

Philadelphia

Jan-09

911 TELEPHONE SERVICE RATE ELEMENTS WORKSHEET		UNIT CHARGES		
		QUANTITY	NON- RECURRING	TOTAL ANNUAL RECURRING
A.1 911 Trunks from End C.O. to Tandem C.O. (or Control C.O.)				
<u>Tandem C.O.</u>	<u>Telco Name</u>			
Market / Locust	Verizon			
<u>End C.O.</u>	<u>Telco Name</u>			
(C.O. Name) Baldwin	Verizon			
3.EVNT.660525		1		\$77.00 \$924.00
3.EVNT.660526		1		\$77.00 \$924.00
3.EVNT.660527		1		\$77.00 \$924.00
3.EVNT.660528		1		\$77.00 \$924.00
3.EVNT.660529		1		\$77.00 \$924.00
3.EVNT.660530		1		\$77.00 \$924.00
3.EVNT.660531		1		\$77.00 \$924.00
3.EVNT.660532		1		\$77.00 \$924.00
<u>End C.O.</u>	<u>Telco Name</u>			
(C.O. Name) Chestnut Hill	Verizon			
3.EVNT.660533		1		\$77.00 \$924.00
3.EVNT.660534		1		\$77.00 \$924.00
3.EVNT.660535		1		\$77.00 \$924.00
3.EVNT.660536		1		\$77.00 \$924.00
3.EVNT.660537		1		\$77.00 \$924.00
3.EVNT.660538		1		\$77.00 \$924.00
3.EVNT.661128		1		\$77.00 \$924.00
3.EVNT.661129		1		\$77.00 \$924.00
3.EVNT.661130		1		\$77.00 \$924.00
3.EVNT.661131		1		\$77.00 \$924.00
3.EVNT.661132		1		\$77.00 \$924.00
3.EVNT.661133		1		\$77.00 \$924.00
3.EVNT.661134		1		\$77.00 \$924.00
3.EVNT.661135		1		\$77.00 \$924.00
<u>End C.O.</u>	<u>Telco Name</u>			
(C.O. Name) Davenport	Verizon			
3.EVNT.661407		1		\$77.00 \$924.00
3.EVNT.661408		1		\$77.00 \$924.00
3.EVNT.661409		1		\$77.00 \$924.00
3.EVNT.661410		1		\$77.00 \$924.00
3.EVNT.661411		1		\$77.00 \$924.00
3.EVNT.661412		1		\$77.00 126924.00

3.EVNT.661413		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Dewey	Verizon				
3.EVNT.660019		1		\$77.00	\$924.00
3.EVNT.660020		1		\$77.00	\$924.00
3.EVNT.660021		1		\$77.00	\$924.00
3.EVNT.660022		1		\$77.00	\$924.00
3.EVNT.660023		1		\$77.00	\$924.00
3.EVNT.660024		1		\$77.00	\$924.00
3.EVNT.660025		1		\$77.00	\$924.00
3.EVNT.660026		1		\$77.00	\$924.00
3.EVNT.660848		1		\$77.00	\$924.00
3.EVNT.660849		1		\$77.00	\$924.00
3.EVNT.660850		1		\$77.00	\$924.00
3.EVNT.660851		1		\$77.00	\$924.00
3.EVNT.660852		1		\$77.00	\$924.00
3.EVNT.660853		1		\$77.00	\$924.00
3.EVNT.660854		1		\$77.00	\$924.00
3.EVNT.660855		1		\$77.00	\$924.00
3.EVNT.660856		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Eastwick	Verizon				
3.EVNT.662385		1		\$77.00	\$924.00
3.EVNT.662386		1		\$77.00	\$924.00
3.EVNT.662387		1		\$77.00	\$924.00
3.EVNT.662388		1		\$77.00	\$924.00
3.EVNT.662389		1		\$77.00	\$924.00
3.EVNT.662390		1		\$77.00	\$924.00
3.EVNT.662391		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Evergreen	Verizon				
3.EVNT.660570		1		\$77.00	\$924.00
3.EVNT.660571		1		\$77.00	\$924.00
3.EVNT.660572		1		\$77.00	\$924.00
3.EVNT.660573		1		\$77.00	\$924.00
3.EVNT.660574		1		\$77.00	\$924.00
3.EVNT.660575		1		\$77.00	\$924.00
3.EVNT.660576		1		\$77.00	\$924.00
3.EVNT.660577		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Germantown	Verizon				
3.EVNT.661606		1		\$77.00	\$924.00
3.EVNT.661607		1		\$77.00	\$924.00
3.EVNT.661608		1		\$77.00	\$924.00
3.EVNT.661609		1		\$77.00	\$924.00

3.EVNT.661610	1		\$77.00	\$924.00
3.EVNT.661611	1		\$77.00	\$924.00
3.EVNT.661612	1		\$77.00	\$924.00
3.EVNT.661613	1		\$77.00	\$924.00
<u>End C.O.</u> (C.O. Name) Ivy Ridge		<u>Telco Name</u> Verizon		
3.EVNT.661424	1		\$77.00	\$924.00
3.EVNT.661425	1		\$77.00	\$924.00
3.EVNT.661426	1		\$77.00	\$924.00
3.EVNT.661427	1		\$77.00	\$924.00
3.EVNT.661428	1		\$77.00	\$924.00
3.EVNT.661429	1		\$77.00	\$924.00
<u>End C.O.</u> (C.O. Name) Jefferson		<u>Telco Name</u> Verizon		
3.EVNT.302880	1		\$77.00	\$924.00
3.EVNT.302881	1		\$77.00	\$924.00
3.EVNT.302882	1		\$77.00	\$924.00
3.EVNT.302883	1		\$77.00	\$924.00
3.EVNT.302884	1		\$77.00	\$924.00
3.EVNT.302885	1		\$77.00	\$924.00
3.EVNT.302886	1		\$77.00	\$924.00
3.EVNT.302887	1		\$77.00	\$924.00
<u>End C.O.</u> (C.O. Name) Knights Road		<u>Telco Name</u> Verizon		
3.EVNT.302809	1		\$77.00	\$924.00
3.EVNT.302810	1		\$77.00	\$924.00
3.EVNT.302811	1		\$77.00	\$924.00
3.EVNT.302812	1		\$77.00	\$924.00
3.EVNT.302813	1		\$77.00	\$924.00
3.EVNT.302814	1		\$77.00	\$924.00
<u>End C.O.</u> (C.O. Name) Locust		<u>Telco Name</u> Verizon		
3.EVNT.660607	1		\$77.00	\$924.00
3.EVNT.660608	1		\$77.00	\$924.00
3.EVNT.660609	1		\$77.00	\$924.00
3.EVNT.660610	1		\$77.00	\$924.00
3.EVNT.660611	1		\$77.00	\$924.00
3.EVNT.660612	1		\$77.00	\$924.00
3.EVNT.660613	1		\$77.00	\$924.00
3.EVNT.660614	1		\$77.00	\$924.00
3.EVNT.660615	1		\$77.00	\$924.00
3.EVNT.660616	1		\$77.00	\$924.00
3.EVNT.660617	1		\$77.00	\$924.00
3.EVNT.660618	1		\$77.00	\$924.00
3.EVNT.660619	1		\$77.00	\$924.00

3.EVNT.660620	1		\$77.00	\$924.00
3.EVNT.660621	1		\$77.00	\$924.00
3.EVNT.660622	1		\$77.00	\$924.00
3.EVNT.660623	1		\$77.00	\$924.00
3.EVNT.660624	1		\$77.00	\$924.00
3.EVNT.660625	1		\$77.00	\$924.00
3.EVNT.660626	1		\$77.00	\$924.00
3.EVNT.660627	1		\$77.00	\$924.00
3.EVNT.660628	1		\$77.00	\$924.00
3.EVNT.660629	1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>			
(C.O. Name) Market	Verizon			
3.EVNT.660642	1		\$77.00	\$924.00
3.EVNT.660643	1		\$77.00	\$924.00
3.EVNT.660644	1		\$77.00	\$924.00
3.EVNT.660645	1		\$77.00	\$924.00
3.EVNT.662342	1		\$77.00	\$924.00
3.EVNT.662343	1		\$77.00	\$924.00
3.EVNT.662344	1		\$77.00	\$924.00
3.EVNT.662345	1		\$77.00	\$924.00
3.EVNT.662350	1		\$77.00	\$924.00
3.EVNT.662351	1		\$77.00	\$924.00
3.EVNT.662778	1		\$77.00	\$924.00
3.EVNT.662779	1		\$77.00	\$924.00
3.EVNT.662780	1		\$77.00	\$924.00
3.EVNT.662781	1		\$77.00	\$924.00
3.EVNT.662782	1		\$77.00	\$924.00
3.EVNT.662783	1		\$77.00	\$924.00
(C.O. Name) Mayfair	Verizon			
3.EVNT.660027	1		\$77.00	\$924.00
3.EVNT.660028	1		\$77.00	\$924.00
3.EVNT.660029	1		\$77.00	\$924.00
3.EVNT.660030	1		\$77.00	\$924.00
3.EVNT.660031	1		\$77.00	\$924.00
3.EVNT.660032	1		\$77.00	\$924.00
3.EVNT.660033	1		\$77.00	\$924.00
3.EVNT.660034	1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>			
(C.O. Name) Orchard	Verizon			
3.EVNT.660654	1		\$77.00	\$924.00
3.EVNT.660655	1		\$77.00	\$924.00
3.EVNT.660656	1		\$77.00	\$924.00
3.EVNT.660657	1		\$77.00	\$924.00
3.EVNT.660658	1		\$77.00	\$924.00
3.EVNT.660659	1		\$77.00	\$924.00
3.EVNT.660660	1		\$77.00	\$924.00
3.EVNT.660661	1		\$77.00	\$924.00
3.EVNT.660662	1		\$77.00	\$924.00
3.EVNT.660663	1		\$77.00	\$924.00

<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Pennypacker	Verizon				
3.EVNT.660670		1		\$77.00	\$924.00
3.EVNT.660671		1		\$77.00	\$924.00
3.EVNT.660672		1		\$77.00	\$924.00
3.EVNT.660673		1		\$77.00	\$924.00
3.EVNT.660674		1		\$77.00	\$924.00
3.EVNT.660675		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Pilgrim	Verizon				
3.EVNT.660676		1		\$77.00	\$924.00
3.EVNT.660677		1		\$77.00	\$924.00
3.EVNT.660678		1		\$77.00	\$924.00
3.EVNT.660679		1		\$77.00	\$924.00
3.EVNT.660680		1		\$77.00	\$924.00
3.EVNT.660681		1		\$77.00	\$924.00
3.EVNT.660682		1		\$77.00	\$924.00
3.EVNT.660683		1		\$77.00	\$924.00
3.EVNT.660684		1		\$77.00	\$924.00
3.EVNT.660685		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Poplar	Verizon				
3.EVNT.661353		1		\$77.00	\$924.00
3.EVNT.661354		1		\$77.00	\$924.00
3.EVNT.661355		1		\$77.00	\$924.00
3.EVNT.661356		1		\$77.00	\$924.00
3.EVNT.661357		1		\$77.00	\$924.00
3.EVNT.661358		1		\$77.00	\$924.00
3.EVNT.661359		1		\$77.00	\$924.00
3.EVNT.661360		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Regent	Verizon				
3.EVNT.660750		1		\$77.00	\$924.00
3.EVNT.660751		1		\$77.00	\$924.00
3.EVNT.660752		1		\$77.00	\$924.00
3.EVNT.660753		1		\$77.00	\$924.00
3.EVNT.660754		1		\$77.00	\$924.00
3.EVNT.660755		1		\$77.00	\$924.00
3.EVNT.660756		1		\$77.00	\$924.00
3.EVNT.660757		1		\$77.00	\$924.00
<u>End C.O.</u>	<u>Telco Name</u>				
(C.O. Name) Saratoga	Verizon				

3.EVNT.661564	1		\$77.00	\$924.00
3.EVNT.661565	1		\$77.00	\$924.00
3.EVNT.661566	1		\$77.00	\$924.00
3.EVNT.661567	1		\$77.00	\$924.00
3.EVNT.661568	1		\$77.00	\$924.00
3.EVNT.661569	1		\$77.00	\$924.00
End C.O. (C.O. Name) Sherwood Telco Name Verizon				
3.EVNT.661450	1		\$77.00	\$924.00
3.EVNT.661451	1		\$77.00	\$924.00
3.EVNT.661452	1		\$77.00	\$924.00
3.EVNT.661453	1		\$77.00	\$924.00
3.EVNT.661454	1		\$77.00	\$924.00
3.EVNT.661455	1		\$77.00	\$924.00
3.EVNT.661456	1		\$77.00	\$924.00
3.EVNT.661457	1		\$77.00	\$924.00
End C.O. (C.O. Name) Trinity Telco Name Verizon				
3.EVNT.660725	1		\$77.00	\$924.00
3.EVNT.660726	1		\$77.00	\$924.00
3.EVNT.660727	1		\$77.00	\$924.00
3.EVNT.660728	1		\$77.00	\$924.00
3.EVNT.660729	1		\$77.00	\$924.00
3.EVNT.660730	1		\$77.00	\$924.00
3.EVNT.660731	1		\$77.00	\$924.00
3.EVNT.660732	1		\$77.00	\$924.00
End C.O. (C.O. Name) Waverly Telco Name Verizon				
3.EVNT.660733	1		\$77.00	\$924.00
3.EVNT.660734	1		\$77.00	\$924.00
3.EVNT.660735	1		\$77.00	\$924.00
3.EVNT.660736	1		\$77.00	\$924.00
3.EVNT.660737	1		\$77.00	\$924.00
3.EVNT.660738	1		\$77.00	\$924.00
3.EVNT.660739	1		\$77.00	\$924.00
3.EVNT.660740	1		\$77.00	\$924.00
3.EVNT.660741	1		\$77.00	\$924.00
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)	xxxxxxxxxx	(A.1.a)	xxxxxxxxxx	
Total Annual Recurring Charges	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	\$193,116.00 (A.1.b)

County Name: City of Philadelphia
 PSAP: Philadelphia

Jan-09

911 TELEPHONE SERVICE RATE ELEMENTS WORKSHEET		UNIT CHARGES		
		QUANTITY	NON- RECURRING	TOTAL ANNUAL RECURRING
A.2. 911 Trunks from PSAP to Tandem Central Office (or Control Central Office)				
<u>PSAP C.O.</u> <u>Telco Name</u> Market Verizon				
Police Lines: BTN 215-521-1911 CTX 107 215-451-4701 through 4738		38		8664.00
Fire Lines: BTN 215-521-1911 215-451-4749, 4751 through 4764		15		(See Pg 5)
Market is primary tandem				
<u>PSAP C.O.</u> <u>Telco Name</u> Locust Verizon				
Police Lines: BTN 215-209-4820 215-209-4701 through 4738		38		8669.70
Fire Lines: BTN 215-209-4820 215-209-4749, 4751 through 4764		15		(See Pg 5)
Locust is secondary tandem				
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)		xxxxxxxxxx	(A.2.a)	xxxxxxxxxx
Total Annual Recurring Charges		xxxxxxxxxx	xxxxxxxxxx	208004.40 (A.2.b)

Market is primary with 38 lines (with 12 used for wireless)
 Locust is secondary with 38 lines (with 8 used for wireless)
 Que: 50

County Name: City of Philadelphia
 PSAP: Philadelphia

Jan-09

911 TELEPHONE SERVICE RATE ELEMENTS WORKSHEET (Continued)		UNIT CHARGES		
	QUANTITY	NON- RECURRING	MONTHLY RECURRING	TOTAL ANNUAL RECURRING
A.3. Private Line(s) From Dispatch Center to Emergency Service Provider				
Name & Location (C.O.) of Emergency Service Provider				
BTN 215-019-0911				
PLNA.650396	1		33.03	396.36
PLNA.650430	1		52.26	627.12
PLNA.650433	1		52.26	627.12
PLNA.650421	1		20.20	242.40
PLNT.650398	1		20.20	242.40
PLNA.650422	1		20.20	242.40
PLNT.650399	1		20.20	242.40
PLNA.650423	1		20.20	242.40
PLNT.650400	1		20.20	242.40
PLNA.650425			20.20	242.40
PLNT.650402	1		20.20	242.40
PLNA.650426	1		20.20	242.40
PLNT.650403	1		20.20	242.40
PLNA.650427	1		20.20	242.40
PLNT.650404	1		20.20	242.40
PLNA.650428	1		20.20	242.40
PLNT.650405	1		20.20	242.40
PLNA.650429	1		20.20	242.40
PLNT.650406	1		20.20	242.40
PLNA.650431	1		20.20	242.40
PLNA.650432	1		20.20	242.40
BTN 215-019-0911				
OSNA.669095	1		65.22	782.64
OSNA.669096	1		65.22	782.64
OSNA.669097	1		65.22	782.64
OSNA.669098	1		65.22	782.64
OSNA.669099	1		65.22	782.64
OSNA.669100	1		65.22	782.64
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)	xxxxxxxxxx	(A.3.a)	xxxxxxxxxx	
Total Annual Recurring Charges	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	\$10,709.64 (A.3.b)

County Name: City of Philadelphia
 PSAP: Philadelphia

Jan-09

				UNIT CHARGES			
911 TELEPHONE SERVICE RATE ELEMENTS WORKSHEET (Continued)				QUANTITY	NON- RECURRING	MONTHLY RECURRING	TOTAL ANNUAL RECURRING
A.4. Services at PSAP							
Alarm							
ALI BTN 215-019-0911							
DBMS	E8EAX	\$47.00 per 1,000		1012		47564.00	\$570,768.00
ALI	Wireline	\$6,072.00		1012			
	Wireless	\$6,072.00		1012			
TOTAL (L9C)						12144.00	\$145,728.00
Alternate Routing							
ANI							
Automatic Call Distributor							
Called Party Hold							
Data (Teletype, etc.)							
BTN 215-197-0911							
3.LADA.100054..PE				1		81.08	\$972.96
30.DRDT.665765..PA				1		81.08	\$972.96
30.DRDT.665766..PA				1		81.08	\$972.96
30.DRDT.665767..PA				1		81.08	\$972.96
30.DRDT.665768..PA				1		81.08	\$972.96
30.DRDT.665769..PA				1		81.08	\$972.96
30.DRDT.665770..PA				1		87.00	\$1,044.00
30.DRDT.665775..PA				1		87.00	\$1,044.00
BTN 215-019-0911							
30.DRDT.100000 through 100005				6		1311.00	\$15,732.00
30.DRDT.100008				1		218.50	\$2,622.00
30.DRDT.100010 through 100016				7		1529.50	\$18,354.00
30.DRDT.100019				1		218.50	\$2,622.00
Default Routing							
Emergency Reporting System Station Lines							
Fixed Transfer							
Forced Disconnect							
Foreign Exchange							
Idle Circuit Tone Application							
Manual Transfer							
Ring Down Circuits							
Ring back							
Selective Routing BTN 215-019-0911							
SR	Wireline	\$6,578.00		1012			
	Wireless	\$6,578.00		1012			
Total (S6R2X)						13156.00	\$157,872.00
Selective Transfer							
Special Call Transfer							
Speed Dialing							
Switch hook Status Indication							
List Below Any Other Services at PSAP Included in Proposal:							
Interactive Search	F9A	BTN 215-019-0911		2		197.00	\$2,364.00
CSNA.100098		BTN 215-521-1911		1		11.01	\$132.12
CSNA.100099		BTN 215-521-1911		1		11.01	\$132.12
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)				xxxxxxxxxx	(A.4.a)	xxxxxxxxxx	
Total Annual Recurring Charges				xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	\$924,252.00 (A.4.b)

County Name: City of Philadelphia
 PSAP: Philadelphia

Jan-09

911 TELEPHONE SERVICE RATE ELEMENTS WORKSHEET (Continued)	UNIT CHARGES			
	QUANTITY	NON-RECURRING	MONTHLY RECURRING	TOTAL ANNUAL RECURRING
A.5. Administrative & Emergency Local Dial Tone Lines (for the provision of 9-1-1 services)				
NAME OF EXCHANGE				
BTN 215-521-1911				
CTX 100				
TN 215-521-1911 through 1925 (Training Center)	15			
TN 215-521-2730 (Training Center-admin lines)	1			
CTX 101				
TN 215-521-2726	1			
CTX 102				
TN 215-521-2722	1			
CTX 105				
215-451-4739 through 4744 (Fire - admin lines)	6			
215-451-4749, 4751 through 4764 (See Pg 3)	15			
215-521-1360 through 1361 (Fire - admin lines)	2			
215-521-2680 through 2698 (Fire - admin lines)	19			
215-521-2752	1			
215-521-2758 through 2762	5			
215-521-2799 (Fire - admin lines)	1			
CTX 106				
215-521-2723	1			
CTX 108				
215-209-8462 (Police Backup EOC-admin)	1			
215-451-4799 (Police Backup EOC-admin)	1			
215-521-2650 (Police Backup EOC-admin)	1			
215-521-2651 through 2661 (Police Backup EOC)	11			
215-521-2662 through 2665 (Police Backup EOC-admin)	4			
215-521-2666 through 2667 (Police Backup EOC)	2			
215-521-2668 through 2672 (Police Backup EOC-admin)	5			
TN 215-521-2724 (Police Backup EOC-admin)	1			
CTX 110				
215-521-3552 through 3598 (City Hall Backup-Market)	47			
215-451-4766 (City Hall Backup - admin line)	1			
215-686-8686 (City Hall Backup - admin line)	1			
215-521-2721 (City Hall Backup - admin line)	1			
TOTAL BTN 215-521-1911			\$16,771.87	\$201,262.44
BTN 215-209-4820				
215-209-4820 (Fire - admin lines)				
215-209-2799 (Fire - admin lines)	1			
215-209-4749, 4751 through 4764 (See Pg 3)	15			
215-246-3552 through 3598 (City Hall Backup-Locust)	47			
TOTAL BTN 215-209-4820			\$7,773.51	\$93,282.12

BTN 215-019-0911				
215-829-2669	1			
215-829-2633	1			
215-829-2660 through 2666	7			
215-418-5104 through 5107	4			
215-418-5136 through 5140	5			
215-418-5153 through 5154	2			
215-625-0013 through 0017	5			
215-625-0052 through 0054	3			
TOTAL BTN 215-019-0911			\$360.22	\$4,322.64
BTN 215-922-6000				
Remote call forwarding	5		\$82.50	\$990.00
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)	xxxxxxxxxx	(A.5.a)	xxxxxxxxxx	
Total Annual Recurring Charges	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	\$299,857.20 (A.5.b)

Telephone Number	Current Qty	Current Rate	CTX Loc	Description	911 Lines-Market
215 521-1911	28	\$1,288.00	100	IOF TIE TRUNKS (LOCUST DMS TO MARKET)	
215 521-1911	1	\$332.51	100	FIVE CC MIS 6.0 SUPVR SOFTWARE LIC-INTSL	
215 521-1911	129	\$1,290.00	100	MAIN CLASS OF SERVICE	
215 521-1911	1	\$0.15	100	Federal Universal Service Fund Surcharge -Business Centrex	\$380.00 Qty 38
215 521-1911	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1912	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1913	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1914	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1915	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1916	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1917	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1918	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1919	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1920	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1921	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1922	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1923	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1924	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-1925	1	\$192.00	100	PSAP DIGITAL LINES-PER ACD PSET LINE (15)	
215 521-2730	1	\$0.13	100	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2730	1	(\$3.00)	100	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2726	1	\$0.15	101	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2726	1	(\$3.00)	101	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2722	1	\$0.15	102	Federal Universal Service Fund Surcharge -Business Centrex	
215 451-4739	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2750	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2751	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2752	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2753	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2754	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2755	1	\$1.55	105	Dig Ctx-single call appe arance directory #	
215 521-2756	1	\$1.55	105	Dig Ctx-single call appe arance directory #	

[illegible]

215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4749	1	\$0.12	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4749	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 451-4751	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4751	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4752	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4752	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 521-2750	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4753	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4753	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4754	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4754	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4755	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex
215 451-4755	1	\$137.00	105	PSAP DIG LINES	-PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call	appe arance directory #
215 451-4756	1	\$0.15	105	Federal Universal Service Fund Surcharge	-Business Centrex

215 451-4756	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2750	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4757	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4757	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4758	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4758	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4759	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4759	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2750	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4760	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4760	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4761	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4761	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #

215 451-4762	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4762	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2750	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2754	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4763	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4763	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2758	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 451-4764	1	\$0.15	105	Federal Universal Service Fund Surcharge -Business Centrex
215 451-4764	1	\$137.00	105	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 521-2758	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-1360	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-1360	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-1361	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-1361	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2680	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2680	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2681	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2681	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2682	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2682	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2683	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2683	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2684	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2684	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia

215 521-2685	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2685	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2686	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2686	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2687	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2687	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2688	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2688	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2689	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2689	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2690	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2690	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2691	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2691	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2692	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2692	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2693	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2693	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2694	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2694	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2695	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2695	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2696	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2696	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2697	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2697	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2698	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2698	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2799	1	\$0.12	105	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2799	1	(\$3.00)	105	Centrex Line Offset Credit for the City of Philadelphia
215 521-2752	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2758	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2759	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2760	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2761	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2762	1	\$1.55	105	Dig Ctx-single call appe arance directory #
215 521-2723	1	\$0.15	106	Federal Universal Service Fund Surcharge -Business Centrex

215 451-4737	1	107	PSAP DIGITAL LINES-PER ACD PSET LINE	\$218.00
215 451-4738	1	107	PSAP DIGITAL LINES-PER ACD PSET LINE	\$218.00
215 209-8462	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 451-4799	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2650	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2650	1	108	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2651	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2651	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2652	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2652	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2653	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2653	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2654	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2654	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2655	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2655	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2656	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2656	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2657	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2657	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2658	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2658	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2659	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2659	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2660	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2660	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2661	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2661	1	108	PSAD DIGITAL LINES (PART OF POLICE ACD)	
215 521-2662	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2662	1	108	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2663	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2663	1	108	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2664	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2664	1	108	Centrex Line Offset Credit for the City of Philadelphia	
215 521-2665	1	108	Federal Universal Service Fund Surcharge -Business Centrex	
215 521-2665	1	108	Centrex Line Offset Credit for the City of Philadelphia	

215 521-2666	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2666	1	\$317.30	108	PSAD DIGITAL LINES (PART OF POLICE ACD)
215 521-2667	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2667	1	\$317.30	108	PSAD DIGITAL LINES (PART OF POLICE ACD)
215 521-2668	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2669	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2670	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2670	1	(\$3.00)	108	Centrex Line Offset Credit for the City of Philadelphia
215 521-2671	1	\$0.12	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2671	1	(\$3.00)	108	Centrex Line Offset Credit for the City of Philadelphia
215 521-2672	1	\$0.15	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-2672	1	(\$3.00)	108	Centrex Line Offset Credit for the City of Philadelphia
215 521-2724	1	\$0.15	108	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3552	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3552	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3553	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3553	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3554	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3554	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3555	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3555	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3556	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3556	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3557	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3557	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3557	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3557	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3558	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3559	1	\$99.00	110	PSAP DIGITAL LINES LOCUST ST PR ACD PSET
215 521-3560	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3560	1	\$99.00	110	PSAP DIGITAL LINES LOCUST ST PR ACD PSET
215 521-3561	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3561	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3562	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3562	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3563	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex

215 521-3563	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3564	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3564	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3565	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3565	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3566	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3566	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3567	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3567	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3568	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3568	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3569	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3569	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3570	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3570	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3571	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3571	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3572	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3572	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3573	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3573	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3574	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3574	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3575	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3575	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3576	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3576	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3577	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3577	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3578	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3578	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3579	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3579	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3580	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3580	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3581	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3581	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD

215 521-3582	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3582	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3583	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3583	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3584	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3584	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3585	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3585	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3586	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3586	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3587	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3587	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3588	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3588	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3589	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3589	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3589	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3590	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3590	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3591	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3591	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3592	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3592	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3593	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3593	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3594	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3594	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3586	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3595	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3596	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3596	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3597	1	\$0.15	110	Federal Universal Service Fund Surcharge -Business Centrex
215 521-3597	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
215 521-3598	1	\$99.00	110	PSAP DIGITAL LINES (47) LOCUST ST PR ACD
		\$16,771.87		
				\$8,664.00

Billing Account Number	Product Description	Quantity	Rate	Amount
215 019-0911 001	MAIN CLASS OF SERVICE	19	190	\$190.00
215 829-2669	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2669	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2633	Addl message registers	1	0.85	\$0.85
215 829-2633	Message register line eq	1	5.1	\$5.10
215 829-2660	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2660	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2661	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2661	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2662	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2662	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2663	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2663	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2664	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2664	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2665	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2665	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 829-2666	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 829-2666	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5104	Centrex local calling with Value-Pak allowance	1	18.4	\$18.40
215 418-5104	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5104	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5105	Centrex local calling with Value-Pak allowance	1	18.4	\$18.40
215 418-5105	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5105	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5106	Centrex local calling with Value-Pak allowance	1	18.4	\$18.40
215 418-5106	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5106	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5107	Centrex local calling with Value-Pak allowance	1	18.4	\$18.40
215 418-5107	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5107	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5136	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5136	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5137	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5137	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)

215 418-5138	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5138	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5139	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5139	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5140	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5140	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5153	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5153	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 418-5154	Federal Universal Service Fund Surcharge -Business Centrex	1	0.13	\$0.13
215 418-5154	Centrex Line Offset Credit for the City of Philadelphia	1	-3	(\$3.00)
215 625-0013	Dial tone line	1	11.11	\$11.11
215 625-0013	Federal line cost charge	1	5.91	\$5.91
215 625-0013	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0014	Dial tone line	1	11.11	\$11.11
215 625-0014	Federal line cost charge	1	5.91	\$5.91
215 625-0014	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0015	Dial tone line	1	11.11	\$11.11
215 625-0015	Federal line cost charge	1	5.91	\$5.91
215 625-0015	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0016	Dial tone line	1	11.11	\$11.11
215 625-0016	Federal line cost charge	1	5.91	\$5.91
215 625-0016	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0017	Dial tone line	1	11.11	\$11.11
215 625-0017	Federal line cost charge	1	5.91	\$5.91
215 625-0017	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0052	Dial tone line	1	11.11	\$11.11
215 625-0052	Federal line cost charge	1	5.91	\$5.91
215 625-0052	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0053	Dial tone line	1	11.11	\$11.11
215 625-0053	Federal line cost charge	1	5.91	\$5.91
215 625-0053	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
215 625-0054	Dial tone line	1	11.11	\$11.11
215 625-0054	Federal line cost charge	1	5.91	\$5.91
215 625-0054	Federal Universal Service Fund Surcharge -PBX without Port	1	1.13	\$1.13
				\$360.22

Telephone Number	Qty	Current Rate	CTX Loc Description	911 Lines-Locust \$380.00 Qty 38
215 209-4820	65	\$1,030.00	100 Main Class of Service	
215 209-4820	1	(\$3.00)	Centrex Line Offset Credit for the City of Philadelphia	
215 209-2799	1	(\$3.00)	Centrex Line Offset Credit for the City of Philadelphia	
215 209-4749	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4749	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4751	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4751	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4752	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4752	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4753	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4753	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4754	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4754	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4755	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4755	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4756	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4756	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4757	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4757	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4758	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4758	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4759	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4759	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4760	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4760	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4761	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4761	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4762	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4762	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4763	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4763	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4764	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex	
215 209-4764	1	\$137.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA	
215 209-4701	1		Federal Universal Service Fund Surcharge -Business Centrex	\$0.15

215 209-4701	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4702	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4702	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4703	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4703	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4704	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4704	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4705	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4705	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4706	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4706	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4707	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4707	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4708	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4708	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4709	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4709	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4710	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4710	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4711	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4711	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4712	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4712	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4713	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4713	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4714	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4714	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4715	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4715	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4716	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4716	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4717	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4717	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4718	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4718	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00
215 209-4719	1	Federal Universal Service Fund Surcharge -Business Centrex	\$0.15
215 209-4719	1	PSAP DIG LINES -PER ACD PSET LINE (30) EA	\$218.00

\$218.00

PSAP DIG LINES -PER ACD PSET LINE (30) EA

215 209-4738 1

215 209-2650	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 209-2650	1	\$16.03	Voice grade transmission function-private line
215 209-2650	1	\$16.03	Voice grade transmission function-private line
215 209-4820	0	\$-	MAIN CLASS OF SERVICE
215 246-3552	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3552	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3553	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3553	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3554	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3554	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3555	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3555	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3556	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3556	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3557	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3557	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3558	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3558	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3559	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3559	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3560	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3560	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3561	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3561	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3562	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3562	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3563	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3563	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3564	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3564	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3565	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3565	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3566	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3566	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3567	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex

215 246-3567	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3568	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3568	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3569	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3569	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3570	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3570	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3571	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3571	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3572	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3572	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3573	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3573	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3574	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3574	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3575	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3575	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3576	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3576	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3577	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3577	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3578	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3578	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3579	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3579	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3580	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3580	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3581	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3581	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3582	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3582	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3583	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3583	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3584	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3584	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3585	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3585	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA

215 246-3586	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3586	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3587	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3587	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3588	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3588	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3589	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3589	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3590	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3590	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3591	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3591	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3592	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3592	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3593	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3593	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3594	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3594	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3595	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3595	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3596	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3596	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3597	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3597	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
215 246-3598	1	\$0.15	Federal Universal Service Fund Surcharge -Business Centrex
215 246-3598	1	\$99.00	PSAP DIG LINES -PER ACD PSET LINE (30) EA
		\$7,773.51	
		\$8,669.70	

County Name: City of Philadelphia
 PSAP: Philadelphia

PAGE 6
 Jan-09

B. PSAP EQUIPMENT AND CUSTOMER PREMISES EQUIPMENT (CPE) RATE ELEMENTS WORKSHEET (include maintenance costs)

	UNIT CHARGES				
	Owned or Leased	Quantity	Non-Recurring	Monthly Recurring	Total Annual Recurring
B.1 PSAP Equipment and CPE					
ALI Auxiliary & Master Controllers					
ALI Display Unit					
ANI Auxiliary & Master Controllers					
ANI Display & Transfer Unit					
Automatic Call Distributor					
Computer Aided Dispatch (Software)					
Computer Support for Dispatch					
Consoles					
Database					
Stand-alone					
Third party vendor					
Emergency Generator System					
GIS					
Handsets/Headsets					
Key Telephone Systems					
Microwave Systems					
Other ALI /ANI Equipment					
Mapping/Addressing					
PBX					
Printers					
Radio Equipment (fixed, base stations, voters, etc.)					
Recording Equipment					
Relocation of Equipment					
Removal of Equipment					
TDD/TTY Equipment					
Tower Sites					
Maintenance					
Construction					
Leasing					
Uninterruptible Power Source					
List Below Any Other PSAP Equipment or CPE in Proposal:					
BTN 215-197-0911					
E911 End User Training		1		17,090.00	\$205,080.00
E911 End User Training		1		1,044.00	\$12,528.00
E911 End User Training		1		13,879.00	\$166,548.00
CPE Maintenance		1		838.00	\$10,056.00
CPE Maintenance		1		5,966.00	\$71,592.00
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)	xxxxxxxx	xxxxxxxx	(B.1.a)	xxxxxxxx	
Total Annual Recurring Charges	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	\$465,804.00 (B.1.b)

County Name: City of Philadelphia

PAGE 6

PSAP: Philadelphia

PSAP EQUIPMENT AND CUSTOMER PREMISES EQUIPMENT (CPE) RATE ELEMENTS WORKSHEET (to include maintenance costs)

		UNIT CHARGES			
		Owned or Leased	Quantity	Non-Recurring	Monthly Recurring Total Annual Recurring
B.1	PSAP Equipment and CPE				
	ALI Auxiliary & Master Controllers				
	ALI Display Unit				
	ANI Auxiliary & Master Controllers				
	ANI Display & Transfer Unit				
	Automatic Call Distributor				
	Computer Aided Dispatch (Softw Insight				\$127,583.76
	Computer Support for Dispatch Server-DELL				\$101,600.00
	Consoles				
	Database				
	Stand-alone				
	Third party vendor				
	Emergency Generator System				
	GIS				
	Handsets/Headsets			Primary	\$250.00
	Handsets/Headsets			Secondary	\$825.00
	Key Telephone Systems				
	Microwave Systems				
	Other ALI /ANI Equipment				
	Mapping/Addressing				
	PBX				
	Printers				
	Radio Equipment (fixed, base stations, voters, etc.)	Lease-Motorola			\$8,623,110.70
	Radio Maintenance 800 MHZ system	Motorola			\$2,519,331.00
	Relocation of Equipment				
	Removal of Equipment				
	TDD/TTY Equipment				
	Tower Sites				
	Maintenance				
	Utilities				\$62,757.98
	Leasing				
	Uninterruptible Power Source				
List Below Any Other PSAP Equipment or CPE in Proposal:					
Total Non-Recurring Charges (Quantity X Unit Non-Recurring)		xxxxxxx	xxxxxxx	\$0.00 (B.1.a)	xxxxxxx
Total Annual Recurring Charges		xxxxxxx	xxxxxxx	xxxxxxx	xxxxxxx
					\$11,435,458.44 (B.1.b)

County Name: City of Philadelphia
PSAP: Philadelphia

C. MISCELLANEOUS COSTS WORKSHEET	TOTAL NON-RECURRING COSTS	TOTAL ANNUAL RECURRING COSTS
C.1. Miscellaneous		
City Administrative		\$89,183.04
Oracle License Maintenance		\$14,169.32
Furniture-Chairs	\$45,850.00	
Telephone Company Administrative		\$178,366.08
List Any Other Miscellaneous Expenses Included in Proposal:		
New HVAC for 911 Callaker/800 MHz Dispatch Area	\$695,000.00	
Inspection Management Svcs for E911 UPS systems	\$89,000.00	
Calltaker Furniture-Secondary PSAP	\$285,000.00	
Upgrade Batteries for UPS-Secondary PSAP	\$49,000.00	
Total Miscellaneous Costs	\$1,163,850.00 (C.1.a)	\$281,718.44 (C.1.b)

NOTE: Add additional lines and pages as needed when completing items on all worksheets