General Information

1. **Schedule** - All site visits start promptly as scheduled.
2. **Meeting Points** – Each location visited will be assigned a planned meeting point for meeting prior to commencing the site survey. Plan to be at the assigned meeting place for a given site visit ahead of the planned start.
3. **Sign in Sheet** – Each visitor will be required to sign in on a sign in sheet maintained by the SEPTA Senior Construction Inspector or their designate.
4. **COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits. Depending on the conditions at the site, visits may be restricted to a small number of visitors at a time. Time available for inspecting each location may be limited depending on the conditions and number of people present.
5. **Planning** - Bidders are instructed to plan accordingly to make sure they collect all necessary data during their site walks as a second set of surveys is not planned before the proposal is due.
6. **Personal Protective Equipment (PPE)** will be required for all visitors a SEPTA maintenance facilities, yards and depots in accordance with the following:
   a. The Contractor shall supply and furnish all required personal protective equipment (PPE) for their employees. The Contractor is also responsible for ensuring that PPE is worn correctly by all employees while on the work site. The Contractor’s employees shall wear compliant safety equipment including, but not limited to, hard hats, work shoes/boots, safety vests, safety glasses, and fully body cover clothing, including flame retardant (FR) clothing where and when it is required. The minimum PPE standards must be met as outlined below:
      i. Hard hats shall be ANSI-Z89.1 2003, Class E. Hard hats shall be worn at all times while on the work site.
      ii. Work shoes (ASTM 2413-11 C75 / I75) shall have non-slip soles. Permanent metal plates or cleats on the sole or heel of shoes are prohibited. Shoelaces are to be kept short so they do not pose a tripping hazard. Athletic shoes, sandals, open-toed shoes, moccasins and/or shoes with heels higher than 1” are not permitted.
      iii. Contractor personnel shall wear eye protection at all times on the work site. Eye protection shall be safety glasses with rigid side shields that comply with ANSI Z-87.1. Prescription eyewear shall also meet the same requirements as described above, or the individual shall wear equivalent eye protection over their prescription glasses or contact lenses.
      iv. The safety vest shall be ANSI 107, Class 2 high-visibility with a yellow-green background and 2-inch retro-reflective striping for work on SEPTA owned property within any public right-of-way, where exposed to vehicular traffic, or otherwise required by rules or regulations.
      v. The Contractor’s personnel shall wear long pants (without cuffs) and, at a minimum, short sleeve shirts. Sleeveless shirts are prohibited.
vi. Approved hearing protection shall be worn in all designated areas identified by signs or when operating high noise level equipment. The contractor is responsible for providing acceptable hearing protection for their employees as outlined in OSHA 29 CFR 1910.95.

vii. The Contractor is responsible for providing acceptable respiratory protection for their employees as outlined in OSHA 29 CFR 1926.103.

viii. Gloves shall be worn where hand injuries are likely to occur based on the hazard present.

7. **Parking** – please refer to the detailed information for each site for parking information.

8. **Questions** – Any questions from the site survey participants during the surveys will need to be submitted in writing in order to receive a formal written response in accordance with the RFP requirements.

**Detailed Information by Site**

**SEPTA Headquarters – 1234 Market St., Philadelphia, PA (circled in green below)**

![Map of SEPTA HQ and BNY Mellon Bank Locations](image)

Figure 1 - SEPTA HQ and BNY Mellon Bank Locations

**Parking** – parking is available in several downtown pay-for-parking parking garages as shown on map above in Figure 1.
Meeting Point – Inside the lobby at 1234 Market St. Sign in at the Security Desk across the lobby from the front door and notify them that your SEPTA contact is: Tim Burch, 13th floor, (215) 580-3597.

Special Access Notes – Bidders are subject to temperature check and max of 4 plus (escort person) to enter the 19th floor.

Areas to Survey –
1. 19th Floor Equipment Room – Trunked System Voter Equipment, Conventional Channel Gateways, Network Switching Center for Symphony Consoles (Police Dispatch)
2. 22nd Floor Radio Equipment Room – CEB for consoles, MOSCAD Alarm and Monitor, Control Stations for interface to Philadelphia City Police, CCT radio System
3. Dispatcher Areas – Current configuration of equipment at dispatch consoles.
4. Roof

BNY Mellon Bank Building (Nine Penn Center) – 1735 Market Street, Philadelphia, PA (circled in fuchsia in Figure 1 above)

Parking – parking is available in several downtown pay-for-parking parking garages as shown on map above in Figure 1

Meeting Point – Inside the lobby at 1735 Market St. Meet with SEPTA Senior Construction Inspector: Tim Burch, mobile (215) 906-1284 who will contact Tom Flach, the Silverstein Property Manager, 215 979 3330 for access.

Special Access Notes – Bidders will require PPE to access the 54th floor and roof.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Areas to Survey –
1. 54th floor Penthouse Radio Equipment Space – radio equipment space on 54th floor (must take freight elevator to 54th floor penthouse) Low ductwork in some areas, hard hats are recommended.
2. Roof – accessible via stairs from Penthouse. Low ductwork in some areas, hard hats are required. Area exposed to wind and weather but does not require any climbing safety harnesses to access.

15th Street Station Comms Room (15th Street Station on the Market Frankford Line (MFL) (Blue Line)) – Near the Corner of Market St and N 15th Street on the West side of the City Hall Complex, Philadelphia, PA (circled in fuchsia below)
Travel to Site – Note that this site is very close to the SEPTA HQ (1234 Market St) and BNY Mellon Bank (1735 Market St) locations and is in easy walking distance. It’s also possible to access the site via the 15th Street Station on the SEPTA Subway System, near the Corner of Market St and N 15th Street on the West side of the City Hall Complex, Philadelphia, PA (circled in fuchsia above). Depending on where you enter the system, take the train to the Fairmount Station. Alternately, it’s possible to drive to the Fairmount Station and park nearby.

Parking – parking is available in several downtown pay-for-parking parking garages as shown on map above in Figure 1. Note that this site is very close to the SEPTA HQ (1234 Market St) and BNY Mellon Bank (1735 Market St) locations

Meeting Point – Meet at Dillworth Park by glass coverings at subway entrance. SEPTA representative will provide escort and access to the equipment room through the door in the corridor as shown in Figure 3.
SEPTA Senior Construction Inspector: **Tim Burch, mobile (215) 906-1284** will lead us to the room and provide access from the meeting point.

**Special Access Notes** – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

**Areas to Survey** –

1. **15th St. Station Communications Room** – Location of existing single channel UHF conventional receivers that interface into the DCS system that supplies the tunnels.
**Fairmount Communications Room** *(Fairmount Subway Station on the Broad Street Line (BSL) (Orange Line) – 700 N. Broad Street, Philadelphia, PA (circled in green below))*

**Travel to Site** – The easiest way to access the site is via the Broad Street Line (Orange Line) on the SEPTA Subway System. Depending on where you enter the system, take the train to the Fairmount Station. Alternately, it’s possible to drive to the Fairmount Station and park nearby.

**Parking** – parking is available in several pay-for-parking parking garages as shown on map above in Figure 4.

**Meeting Point** – Meet at the top of the entrance to the Northbound side of Fairmount Stations directly in front of Jimmy G Steaks. SEPTA Senior Construction Inspector: **Tim Burch, mobile (215) 906-1284** will lead us to the room and provide access from the meeting point.

**Special Access Notes** – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Areas to Survey –

1. **Fairmount Communications Room** – Location of existing single channel UHF conventional receivers that interface into the DCS system that supplies the tunnels with RF.

**Bridge Street Radio Site** – 1500 Bridge St., Philadelphia, PA (circled in fuchsia below)

![Figure 5- Bridge St Radio Site near Frankford Transportation Center](image)

**Travel to Site** – An easy way to access the site is via the Market-Frankford Line (MFL) (Blue Line) on the SEPTA Subway System. Depending on where you enter the system, take the train to the Frankford Transportation Center (FTC). It is a short walk from the FTC to the meeting point on the corner of Bridge and Penn Streets. Alternately, it’s possible to drive to the Bridge St. Radio Site and park in the Frankford Transportation Center Parking Garage.

**Parking** – parking is available in the Frankford Transportation Center Parking Garage as shown in the map above down and slightly to the right from the Bridge St. Radio Site

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.
Meeting Point – The meeting point is on the sidewalk just outside the access gate on Bridge St near the corner of Penn St (area circled in green in Figure 5 and Figure 6). SEPTA contact is: Tim Burch, mobile (215) 906-1284.

![Figure 6 - Bridge St Meeting Point (tower in background)](image)

Special Access Notes – This site is next to an active train yard and is accessed by walking through the long rectangular car house in between Penn St and the rail yard. PPE in the form of a fluorescent green vest, steel toed work boots, safety glasses and a hard hat will be required to access the car house. Limited space is available in the actual radio equipment shelter next to the car house and personnel conducting site survey will need to take turns surveying the space.

Areas to Survey –

1. **Bridge St Radio Site** – Currently a location for satellite receivers for the UHF conventional channels. Pay special attention to any requirements/constraints regarding the temporary installation of new equipment to facilitate cutover before existing equipment is removed. Depending on what equipment, if any, is needed at this site, it may have to swap locations with existing equipment after cutover.
2nd and Wyoming Site – 200 Wyoming Ave., Philadelphia, PA 19140 (see Figure 7 below)

![Figure 7 - 2nd and Wyoming Site](image)

**Travel to Site** – This site is easily accessible by car.

**Parking** – limited parking is available at the site off of N 3rd St via the entrance circled in green in Figure 7. Parking opens up a bit after 8:00 AM or so as service vehicles leave for the field. Please park in the area circled in fuchsia in Figure 7 and take special care not to park in a reserved space.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

**Meeting Point** – The meeting point is at the door at the corner of the building just to the left of area circled in yellow in Figure 7. SEPTA contact is: **Tim Burch, mobile (215) 906-1284**.

**Special Access Notes** – The roof is accessible from inside the building through a ladder/hatch on the main roof. Work boots are required and normal safety guidelines must be followed when walking on the roof.

**Areas to Survey** –

1. **Tower and Antenna Installations on Roof** – A small guyed tower is located on the lower roof section between two parts of the building (area circled in yellow in Figure 7) and contains (2) RX
antennas and microwave dish towards ROXBOROUGH Site. Other antennas are mounted on the main roof toward the right side of the yellow circled areas and feedline entry into the building is in the corner of the main building near the center of the circled area. Access to the roof is through a ladder/hatch on the main roof.

2. **Voter Equipment Room** – Voters for existing UHF Trunked System, conventional channels, microwave link to ROXBOROUGH Site, MOSCAD (alarm and monitoring for UHF Trunked System), TSM-2332 (Alcatel microwave network monitor) – evaluate for available space for CARD equipment racks

3. **Backup Server Room** – Additional space for redundant radio and CAD network/server equipment

### Roxborough Site – 600 Port Royal Ave, Philadelphia, PA 19128 (circled in green in Figure 8 below)

![Figure 8 - Roxborough Radio Site](image)

**Travel to Site** – This site is easily accessible by car. Although the address is listed as 600 Port Royal Ave., there are several towers in the vicinity of this site. The SEPTA Roxborough Site is actually located on the corner of Port Royal Ave, and Hagys Mill Rd as shown in Figure 8.

**Parking** – There is parking off of Port Royal Ave in front of the site compound as shown in Figure 9.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.
Meeting Point – The meeting point is at the compound entrance gate and is circled in green in Figure 9. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – There are no special access requirements for this site, but depending on the number of people taking part in the survey there may be a need to cycle people in and out of the shelter in small groups. Also note that this site has a history of Spotted Lantern Fly infestations that run from the nymph stage in May, through the adult stage June/July – December.

Areas to Survey –

1. Tower – Aside from being a TX/RX site, Roxborough is the central hub site for the microwave system that connects to all the other TX/RX sites (Bacton Hill, New Britain, Oxford Valley, and Y100) and the 2nd and Wyoming secondary network center in the existing UHF simulcast system. It has a number of microwave dishes pointed in various directions as needed to provide this connectivity.

2. Equipment Shelter – The shelter on the right as you enter the gate contains the UHF equipment where the new 700 MHz system will be located. The shelter on the left contains VHF equipment for the regional lines that are not part of this project.

3. Generators – There are two propane generators at this site.
Y100 – 395 Bishop Hollow Rd, Newton Square, PA 19073 (circled in fuchsia in Figure 10 below)

![Figure 10 - Y100 Site Location](image)

**Travel to Site** – This site is easily accessible by car. Although the site address is listed as 395 Bishop Hollow Rd, the actual location of the site is in the area circled in green in Figure 10. It is accessed by turning off Bishop Hollow Rd on to the side road/driveway and taking the second right towards the tower compound.

**Parking** – Parking is available near the compound in the area circled in green in Figure 10.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

**Meeting Point** – The meeting point is near the shelter on the left next to the guyed tower as you are looking at the site from the parking area. The SEPTA equipment is housed in a room accessible via the furthest door from the parking area as shown in Figure 11. SEPTA contact is: Tim Burch, mobile (215) 906-1284.
Special Access Notes – There are no special access requirements at this site. The key to the door lock and deadbolt is accessible via a lockbox with a combination known to the SEPTA representatives.

Areas to Survey –

1. **Towers** – The TX/RX antennas for the existing UHF system are located on the guyed tower. (see special note about RX antenna system below in the Equipment Shelter) The microwave link to the Roxborough Site is located on the self-supporting tower to the right of the guyed tower.

2. **Equipment Shelter** – The SEPTA radio equipment is located in a dedicated room in the shelter. However, the site utilizes a common “shared” receive antenna system. The multicoupler for the SEPTA radio receivers is fed off a multicoupler located in another room in the shelter. The details of this receive antenna distribution system and it’s compatibility with the new 700 MHz P25 Trunked Simulcast system need to be determined.
**Bacton Hill** – 67 Bodine Rd, Malvern, PA 19355, American Tower Corp site # PA-10100 (Malvern/Laura Lee PA) (circled in fuchsia in Figure 12 below)

**Travel to Site** – This site is easily accessible by car and the entrance to the compound is right off of Bodine Rd. as shown in Figure 12 and Figure 13.
Parking – Parking is right outside the compound fence and can accommodate a reasonable number of vehicles.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is just outside the compound fence near the first shelter (circled in fuchsia in Figure 13. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – The site can be accessed by calling the American Tower Corp NOC at (877) 518 6837, identifying the site number PA-10100 and identifying yourself appropriately.

Areas to Survey –

1. **Tower** – There’s only a single, heavily loaded, self-supporting tower at the site.
2. **Shelter Equipment Room** – There is a common equipment room for multiple tenants in the first shelter inside the compound fence where the existing SEPTA equipment and the future 700 MHz P25 Simulcast trunking system TX/RX site will be located.
Eagleville Site – 50 Eagleville Rd, Eagleville, PA 19403, Montgomery County Emergency Operations Center  (see Figure 7 below)

**Travel to Site** – This site is easily accessible by car. The access road is shared by the Montgomery County Corrections Facility and the Montgomery County Emergency Operations Center (EOC). Although the address of the Montgomery County EOC is 50 Eagleville Rd, you actually turn off Eagleville Rd on to Prison Farm Rd in the area circled in fuchsia in Figure 14. Tell the guard stationed at the prison guardhouse (the area circled in blue in Figure 14) that you are visiting Rick Lohwasser at the EOC. The guard will point you in the direction of the parking lot for the EOC.

**Parking** – Park in any of the limited open spaces in the EOC parking lot (the area circled in green in Figure 14). Do not park in any of the marked reserved spaces.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

**Meeting Point** – The meeting point is in the parking lot of the EOC. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

**Special Access Notes** – There are no special access requirements beyond the COVID-19 safety measures and PPE requirements.

**Areas to Survey** –
1. **Towers** – The new self-supporting tower next to the new shelter near the EOC is the primary candidate for the new SEPTA radio system. The guyed tower nearby is slated for demolition. There is also a tower and compound located at the rear of the property that is occupied by the 3 major cellular carriers. (see area circled in red in Figure 14) This tower and compound has been identified as an alternate installation location. Note that the tower has several microwave dishes on it that are no longer in use.

2. **Site Equipment Shelters** – The primary equipment shelter is the new one next to the EOC. There is a vacant shelter in the compound of the secondary location as well as plenty of space for a new equipment shelter in this compound.

**Victory Ave Radio Site, Bus Maintenance Depot, & Norristown High Speed Line Maintenance Car House** – 110 Victory Ave, Upper Darby, PA 19082 (see Figure 15 below)

![Figure 15 - Victory Radio Site, Bus Maintenance Depot and NHSL Car House](image)

**Travel to Site** – This site accessible by car or through the SEPTA transit system. Depending on where you enter the system, end up taking the Market-Frankford Line (MFL) (Blue Line) to the 69th Street Transportation Center and following the **aqua** colored route to the meeting point at the entrance to the Victory Blvd Bus Depot circled in **green** in Figure 15.

**Parking** – Parking is limited and it is recommended you park at the SEPTA Park n Ride in the area circled in **fuchsia** in Figure 15. If traveling by car, the address for the **Park n Ride** is: 62 N Chatham Rd, Millbourne, PA 19082.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point for both the Victory Ave Radio Site, Victory Ave. Bus Depot and Norristown High Speed Line Car House is at the entrance to the SEPTA property off Victory Ave as circled in green in SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Areas to Survey –

1. Victory Ave Radio Equipment Shelter and Tower – Located in the area circled in red in Figure 15. Equipment room access with a 108 key held by SEPTA representative.
2. Victory Ave Bus Depot Maintenance Facility – Located in the area circled in aqua in Figure 15.
   a. Vehicles to survey:
      i. New Flyer Industries 40-Foot Diesel Bus 5000 series
      ii. New Flyer Industries 40-Foot Diesel Electric Hybrid Bus 8000 series
      iii. New Flyer Industries 40-Foot XDE40 3000 series
3. Norristown High Speed Line Car House – Located in the area circled in olive green in Figure 15. Survey of typical Norristown High Speed Line Rail Car (double cab).

69th St Transportation Center Car House – 6901 Market St, Upper Darby, PA 19082
Travel to Site – This site accessible by car or through the SEPTA transit system. Depending on where you enter the system, end up taking the Market-Frankford Line (MFL) (Blue Line) to the 69th Street Transportation Center.

Parking – If traveling by car, park in the Park n Ride circled in fuchsia, and follow the route traced in red to the meeting point circled in green in Figure 16.

Meeting Point – The meeting point is just outside the 69th St Transportation Center. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles to Survey –

1. Media-Sharon Trolley LRV (double cab)
2. Market-Frankford Line (MF) Elevated Car (Blue Line Car)

Callowhill Bus Depot – 350 N 58th St, Philadelphia, PA 19131

Travel to Site – This site is accessible by car or by SEPTA Bus.
Parking – There is no on-premises parking and parking on the street is scarce.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is at the corner of 59th St and Callowhill St outside the bus depot building (see area circled in Fuchsia in Figure 17. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles to Survey –

1. SSL-LRV (single cab)
2. Rt-15 PCC2

Southern Bus Depot (SEPTA 3)– Johnston St & S 20th Street, Philadelphia, PA 19145

Figure 18 - Southern Bus Depot

Travel to Site – This site is easily accessible by car.

Parking – Limited parking is available along Johnston St in front of the building.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is outside the building at the corner of Johnston St and S 20th Street (circled in Fuchsia in Figure 18). SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles to Survey –

1. Nova Bus 60-ft Hybrid Articulated Bus
2. Proterra Catalyst 40-foot All-Electric Bus 900 series

CCT Maintenance Shop – 4201 Tacony Street, Philadelphia, PA 19124

Figure 19 - CCT Maintenance Shop

Travel to Site – This site is easily accessible by car.

Parking – Parking is available in the Total Transit Corp parking lot as shown circled in Fuchsia in Figure 19.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is in the parking lot in front of the Total Transit Corp as shown circled in Fuchsia in Figure 18. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles to Survey –

CCT/paratransit vehicles

1. Shepard Bros, High Capacity Bus (2011-2016)
2. Shepard Bros, 4 Ambulatory + 3 Wheelchair Bus (2010-2020)

Midvale Bus Depot – 2401 Roberts Ave, Philadelphia, PA 19144

Travel to Site – This site is easily accessible by car. Although the official address is 2401 Roberts Ave, Philadelphia, PA 19144, drive to the entrance at 4231 Wissahickon Ave, Philadelphia, PA 19144 circled in blue in Figure 20 and follow the route traced in aqua to the Midvale Bus Depot.

Parking – is available in the lot circled in fuchsia in Figure 20.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is outside the building at the corner of Johnston St and S 20th Street (circled in green in Figure 20. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles/Areas to Survey –

1. Nova Bus 40-ft Diesel Electric Hybrid Bus
2. Site Survey for future CARD equipment installs

Germantown Bus Depot – 6725 Germantown Ave, Philadelphia, PA

Figure 21 - Germantown Bus Depot

Travel to Site – This site is easily accessible by car. Enter the facility off of Germantown Ave and follow the route traced in aqua in Figure 21.

Parking – Parking is available behind the main building in the area circled in fuchsia in Figure 21.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is in the parking lot behind the building (circled in fuchsia in Figure 21). SEPTA contact is: Tim Burch, mobile (215) 906-1284.
Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles/Areas to Survey –

1. New Flyer Industries 30-foot Diesel Bus (MIDI)
2. Site Survey for future CARD equipment installs

Fern Rock Transportation Center – Intersection of W Grange Ave & N 11th Street, Philadelphia, PA 19141

Travel to Site – This site is easily accessible by car. The entrance to the facility is at the intersection of W Grange Ave and N 11th St in the area circled in green in Figure 22. Take either the left or right drive to head to the parking lot.

Parking – There is parking in front of the building in the area circled in fuchsia in Figure 22.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is in front of the Fern Rock Car shop by the large tree in the area circled in blue in Figure 22. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – A SEPTA escort is required for access to the non-public SEPTA maintenance areas. PPE is required.

Vehicles to Survey –
1. Broad Street Line (BSL) Car (Orange Car)

New Britain Radio Site – 26 Old Limekiln Rd, Doylestown, PA 18901- American Tower Corp site # PA-88246 (New Britain)

Travel to Site – This site is easily accessible by car. There is a locked gate at the entrance near 26 Old Limekiln Road in the area circled in green in Figure 23.

Parking – Limited parking across from the equipment shelter is shown in the area circled in fuchsia in Figure 23.

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is at the locked gate circled in green in Figure 23 or at the parking area circled in fuchsia if the gate is open. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – This site has an active Eagle’s nest on the tower. Any activity observed must be reported to the American Tower NOC. Depending on the activity and time, it may be necessary to leave the site. The site should only be accessed by first calling the American Tower Corp NOC at (877) 518 6837, identifying the site number PA-88246 and identifying yourself appropriately.

Areas to Survey –
1. **Tower** – The large self-supporting tower can be observed from the ground. The eagle’s nesting areas are on the lowest catwalk area as shown in Figure 24 and possibly on the upper catwalk further up the tower.

![Figure 24 - Eagle Nesting Area on New Britain Tower](image)

2. **Equipment Shelter Space** – This is a TX/RX site for the existing UHF simulcast radio system as well as the UHF conventional channels, CCT channels, and VHF channels.
One Oxford Valley (Oxford Valley Mall Admin Building) – 2300 Lincoln Hwy, Langhorne, PA 19047

Travel to Site – This site is easily accessible by car.

Parking – There is plenty of parking in the mall parking across from the One Oxford Valley administration building shown as the area circled in fuchsia in Figure 25

COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is near the water fountain at the entrance to the mall behind the administration building near the green circled area in Figure 25. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – Accessing this site requires checking in at the Mall Management Office on the second floor of the mall which can be reached by entering the mall entrance at the meeting point. Mall security is required to escort personnel to the Equipment room via stairs accessible through a locked door on the 8th floor of the One Oxford Valley admin. After-hours access requires ringing for the security office at a steel door located in the blue circled area of Figure 25.

Areas to Survey –
1. **Tower and Antenna Installations on Roof** – Accessible through steel doors from the utility penthouse. Rx antennas are mounted on the tower and Tx antennas are mounted on the exterior walls of the utility penthouse. The microwave antenna for the link to Roxborough is located on the opposite side of the roof along with some CCT panels.

2. **Radio Equipment Room** – Accessible through a locked door (key held by Mall security) in the utility penthouse. The utility penthouse is accessed by taking the elevator to the 8th floor of the administration building and entering a stairway through a locked steel door labeled with: **Penthouse Access, Call 215-752-3811**

3. **Additional equipment space in the Penthouse** – Additional equipment is currently installed in locked air-conditioned cabinets in the space outside the radio equipment room and some large HVAC units. This space may be needed for the 700 MHz P25 trunked simulcast system.

**Bensalem Site** – 777 Winks Lane, Bensalem, PA - SBA Tower site# PA15843

![Figure 26 - Bensalem Radio Site](image)

**Travel to Site** – This site is easily accessible by car.

**Parking** – Plenty of parking in the *fuchsia* circled area shown in Figure 26.

**COVID-19 Safety Measures** – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.
Meeting Point – The meeting point is at the large motorized gate across the parking lot from the compound in the fuchsia circled area shown in Figure 26. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – Call SBA NOC at (800)-487-7483 before entering. There is a large motorized metal gate at the entrance to the parking lot across from where the tower and shelter are located. SBA has a combination lockbox on the left side of the gate that has a key for opening the gate. Gate keyswitch is on the right side of the gate and is marked OPEN/CLOSE. Use the key to operate the gate. You must also use the key on the inside to close the gate.

Areas to Survey –

1. Tower and Antenna Installations
2. Common Equipment Room

Paoli- Pike/West Chester – 825 Paoli Pike, West Chester, PA 19380 – American Tower Site No. PA 373939.

Travel to Site – This site is easily accessible by car. Enter from Paoli Pike in the circled green area of Figure 27

Parking – Plenty of parking behind the building at 825 Paoli Pike in circled fuchsia area in Figure 27.
COVID-19 Safety Measures – all site visit participants will be required to wear a mask and follow CDC social distancing guidelines during the site visits.

Meeting Point – The meeting point is at the gate to the compound in circled fuchsia area in Figure 27. SEPTA contact is: Tim Burch, mobile (215) 906-1284.

Special Access Notes – None

Areas to Survey –

1. Tower and Antenna Installations
2. Compound inside the gate – Existing empty pad available for shelter.