

Protected Left Turn Signal Phasing for Port Authority Buses

A relatively simple traffic signal improvement that has been implemented at a number of locations in the City of Pittsburgh is protected left turn phasing at locations with heavy bus turning movements. This helps to improve transit operations and provide safe gaps for turning buses.



Intersections where protected left turn phasing is specifically provided because of bus considerations include:

- Northbound Smithfield Street Bridge at Fort Pitt Boulevard;
- Eastbound Sixth Avenue at Grant Street; and,
- Westbound Liberty Avenue at Stanwix Street.

The first of these locations has been in effect for over 10 years and the latter two locations have been operational for 5-7 years. Feedback from the Port Authority indicates that the improvements have had the desired effect on bus operations.

