



BROAD STREET INTERCHANGE IMPROVEMENTS – ALTERNATE 5 (BROAD STREET EXIT RAMP OPTION)

- **Currently** – Significant congestion on the Vine Street Expressway (I-676) westbound exit ramp onto Broad Street often backs into the expressway, and all the way back to the 8th Street on-ramp
- **Proposed** – Increase capacity by adding a second lane to the off ramp and a new connection from the Broad Street ramp to a new intersection at Callowhill Street

BENEFITS

- Reduces queues on I-676 westbound
- Improves operations at 15th and Vine Street Local
- Approximately 10% travel time improvement for bridge patrons expected
- Benefit:Cost Ratio of 8:1 for AM Peak

CHALLENGES

- New signals required on Callowhill Street at both 15th St. and intersection with new slip ramp
- More detailed understanding of travel patterns near interchange necessary
- Signage on off-ramp for both Broad Street and Callowhill Street

COST: \$1,000,000