



BEN FRANKLIN BRIDGE FLYOVER CONNECTION – ALTERNATE 7

- **Currently** – Studies have shown that the traffic demand will exceed the capacity by 2035, resulting in severe increases in delays and backups. Significant steps must be taken to improve traffic flow from the bridge into the City
- **Proposed** – A direct connection from the bridge westbound to Vine Street Expressway westbound will result in the ability of 1,200 more vehicles to cross the bridge

BENEFITS

- BFB Travel Time Reductions:
 - Center City (via 15th Street) – 54%
 - Overall – 30 to 50%
- Eliminates 670 vehicle hours of delay per peak hour daily – leading to reduced fuel consumption and carbon emissions
- Removes much of the weaving traffic on I-676, as identified as a deficiency today

CHALLENGES

- Traffic impacts of 5th Street Closure
- Traffic impacts due to the relocation of 8th Street on-ramp to I-676 westbound
- Constructability / maintenance of traffic
- Significant engineering and environmental constraints
- Funding

OTHER CONSIDERATIONS

- Traffic operation benefits are only achieved if Alternative 5 – Broad Street Exit Improvements are also completed
- Potential secondary traffic impacts to downstream I-676 and connection to I-76
- Need to minimize disruption to existing street network
- Community impacts (visual, noise)

COST: \$120 Million

