

state college area CONNECTOR



Pennsylvania
Department of Transportation

www.PennDOT.pa.gov/SCAC

SOUTH ALTERNATIVE

Pros:

- Least wetland impacts of all three Build Alternatives
- Least direct impacts to productive agricultural land; however, high estimated indirect impacts
- Avoids an adverse effect to the Tusseyville Historic District
- Lowest number of Section 106 historic properties adversely affected

Cons:

- Highest overall impacts to streams of all three Build Alternatives
- High impacts to the headwaters of Spring Creek
- High impacts to the Important Bird Areas (IBA)
- High impacts to forest land
- Higher impacts to protected bat species based on forest and IBA impacts
- Cut slopes would result in increased risk of:
 - Encountering acid producing rock
 - Altering natural hydraulic conditions/drainage patterns (indirect effects to downslope waters and wetlands [e.g., groundwater recharge/discharge and wildlife habitat])
 - Impacts to headwaters and water quality
- Several regulatory agencies expressed concerns with the impacts to the natural resources noted above

