

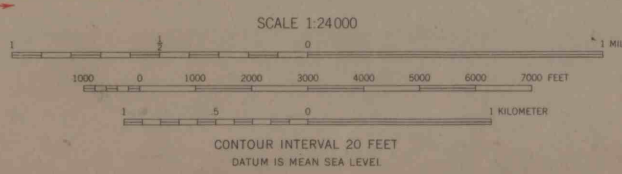


3967
ASHLAND
PROPOSED
TUNNEL
QUADRANGLE

Grade: begin tunnel Alt. - 830 Feet
2 1/100 feet - 19,500' = 33'
Alt at Hammond 863

Proposed Tunnel
from South of Ashland
to Girardville
(Barrier Pillar between
Girard & Preston No.3)
15,500 feet.
North thru above
Barrier Pillar under
Girardville to
Hammond - 4,000 feet
East thru Girard-
Packer No.5 Pillar
to drain Packer
No.5. 1,500 feet
Total Length 21,000 feet
Estimated
Cost \$1,400,000.00
Grade 2"/100'

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1953
Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system,
south and north zones
Unchecked elevations are shown in brown



Avg. grade Mah & Shen Creek
Connorton to Ashland
= 0.5%
Connorton = 965
Ashland-Bast = 870
75 feet
Dist = 19,000 feet.

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

ASHLAND, PA.
SE 1/4 CATAWISSA 15' QUADRANGLE
N 4045-W 7615/17.5
1953