

(Carpentersville)

78° 30'

40° 45'

HASTINGS 21 MI.

FLINTON 1 MI.

IVONA 8 MI.

FLINTON 2 1/2 MI.

CARROLLTOWN 14 MI.

PATTON 10 MI.

CRESSON 16 MI.

ASHVILLE 6 MI.

FLINTON 12 MI.

DYART 2 MI.

CARROLLTOWN 13 MI.

ASHVILLE 3 MI.

2005000 YARDS

40° 30'

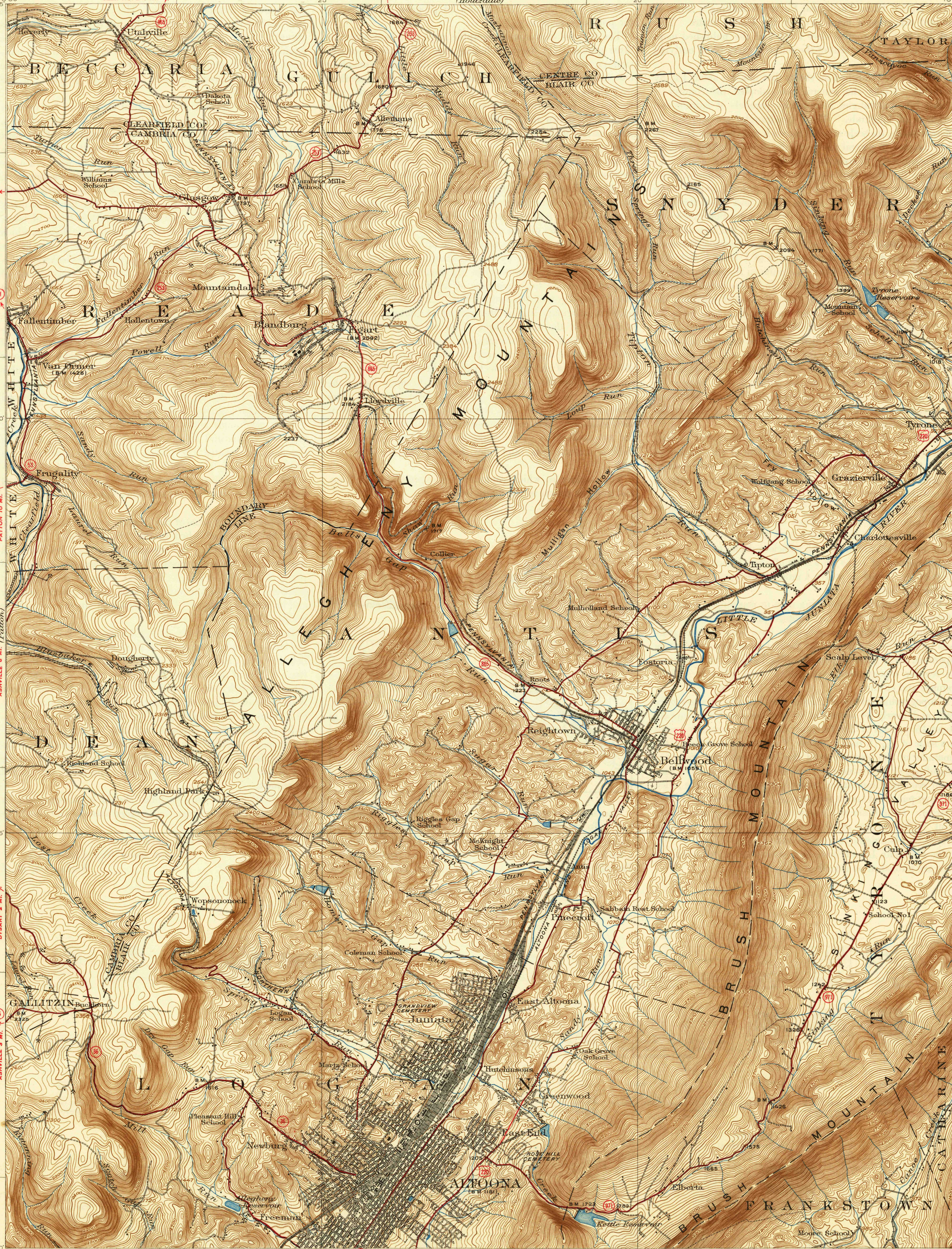
78° 30'

(Ebensburg)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
REPRESENTED BY THE
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY
(Houtzdale)

PENNSYLVANIA
ALTOONA QUADRANGLE



16 Miles

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16 Miles

78° 15'

40° 45'

(Philipstburg)

C.H. Birdseye, Chief Topographic Engineer.
Frank Sutton, Topographic Engineer in charge.
Topography by J.I. Gayetty, W.S. Beames, and F.M. Schilling.
Control by E.L. McNair, A.H. Thompson, J.L. Lenovitz,
Pennsylvania State Highway Department, and
Pennsylvania Railroad.
Surveyed in 1920.

DUNCANVILLE 6 MI.
BEDFORD 36 MI.

HOLLIDAYSBURG 6 MI.
BEDFORD 37 MI.

Scale 1:25000

1 2 3 4 Miles

1 2 3 4 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

USGS
Historical File
Topographic Division

Polyconic projection, North American datum.
5000 yard grid based upon zone B for P.M.M.

PAVEMENT, ALL TYPES
OTHER IMPROVED SURFACES, GRAVEL, ETC.

U.S. HIGHWAY 176 STATE ROUTE 176

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