ORDINANCE NO. 2-1989, SHENANGO
TOWNSHIP, LAWRENCE COUNTY, PENNSYLVANIA
WEIGHT LIMIT ORDINANCE FOR OLD PRINCETON ROAD

WHEREAS, the Township of Shenango have requested and secured an Engineering and Traffic Study of the Old Princeton Road, located within Shenango Township, Lawrence County, Pennsylvania; and

WHEREAS, said Engineering and Traffic Study as performed by the Township Engineer recommends a weight limit and posting of said roadway known as the Old Princeton Road at a weight limit of 10 tons.

NOW, THEREFORE, BE IT ORDAINED AND ENACTED, by the Board of Supervisors of Shenango Township, Lawrence County, Pennsylvania, and IT IS HEREBY ENACTED AND ORDAINED by the authority of the same as follows:

That the Old Princeton Road, located in the Township of Shenango, comprising of approximately 2.4 miles in length from the intersection of Route 65 to the intersection of Route 388, shall be posted with a weight limit of 10 tons; and

Further, that said posting shall be in accord with the recommendations and specifications of the State, as well as the Township Engineers; and

Further, that vehicles exceeding the posted weight limit of 10 tons shall be subject to penalties as prescribed by the Pennsylvania Vehicle Code and other applicable Pennsylvania Statutues; and

Further, that the Traffic and Engineering Study of said roadway is attached hereto and made a part hereof.

NOW THEREFORE, be it ordained and enacted into an Ordinance by the Board of Supervisors of the Township of Shenango, Lawrence County, Pennsylvania, on this 15th day of May, 1989.

TOWNSHIP OF SHENANGO
LAWRENCE COUNTY, PENNSYLVANIA

ATTEST:

Secretary

By Joseph Chinsky
Chairman

By Andrew Licanta
Supervisor

By Ronald J Volba
Supervisor

ENGINEERING AND TRAFFIC STUDY
OLD PRINCETON ROAD
SHENANGO TOWNSHIP, LAWRENCE COUNTY

PURPOSE:

This study was conducted to analyze a portion of the Old Princeton Road to determine if any weight restrictions should be imposed. The roadway surveyed is from the intersection of Route 65 to the intersection of Route 388, and is approximately 2.4 miles in length.

GEOMETRIC REVIEW:

The first 0.7 miles (STA 0+00-37+00) has an actual roadway width of 20 L.F. with some irregularity, due to the widening and patching of damaged edges. The next 1.2 miles from Hoover Road to Aiken Road, has an actual roadway width from 18.5 ft. to 20 ft. Again due to the repair of the damaged edges and the surface treatment overlay built-up.

The last 0.5 miles from Aiken Road to Route 388, has an actual roadway width of 18 L.F.

VERTICAL AND HORIZONTAL CLEARANCES:

There are no major obstructions along the roadway. There is however very poor sight distances due to the Hilly Terrain and numerous driveways.

PAST EXPERIENCE:

The existing road is a low-type flexible pavement, recently surface treated. The roadway has numerous depressions, wheel ruts and base failures. This is especially evident in the left lane (looking east) which is adjacent to the sanitary sewer line that was recently constructed.

PAVEMENT ANALYSIS:

STA 0+0 to STA 12+0	2½" ID-2 on 6" B.C.B.C. This was reconstructed with the New Castle By-Pass.
STA 12+0 to STA 37+0	Surface Treatment (Tar & Chip) approximately 1" to 6" stone and gravel base.
STA 37+0 to STA 120+0	(Hoover Rd. to Route 388) Surface treatment (Tar & Chip) approximately 1" to 6" stone and gravel base.

STRUCTURAL ANALYSIS:

The piping along the entire roadway is in good condition with no damage.

TRAFFIC SPEED AND VOLUME:

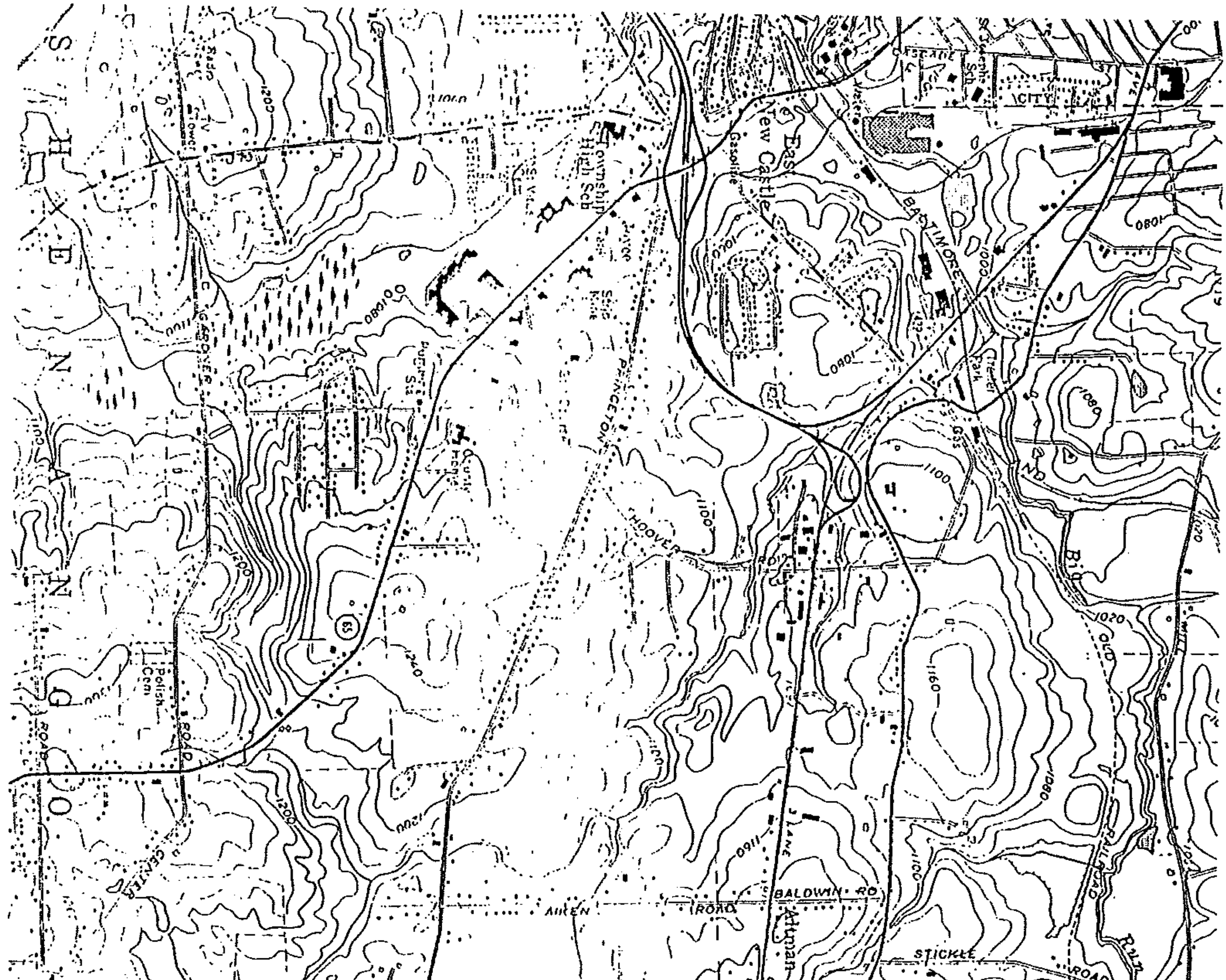
The speed limit for the entire length of roadway is posted at 35 M.P.H.

The average daily traffic on this roadway is 1000 vehicles.

SUMMARY AND RECOMMENDATIONS:

As this study indicates, the roadway surface is in poor condition. The 1" overlay of Tar & Chip can only support cars and light trucks. In many areas, the roadway width is only 18 ft. This coupled with the hilly terrain make some weight restriction on this roadway necessary.

Therefore I am recommending that a 10 ton Weight Limit be imposed on this roadway.


S H E N A N G O
P P E R Y R O C K
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Township High Sch
BALTIMORE
GROVER
PRINCETON
HOOVER ROAD
Polish Cem
CENTER
CHURCH
AIKEN ROAD
BALDWIN RD
STICKLE ROAD
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