



ROADWAY DESIGN CRITERIA
DESIGN SPEED: 25 MPH ALL STREETS
CALCULATED A.D.T. = 1481 PASSENGER TYPE
STREET CLASSIFICATION: MINOR, PER LUZERNE COUNTY SUBDIVISION AND DEVELOPMENT ORDINANCE
ROADWAY WIDTH: 28 FEET MIN. (2-12' LANES WITH 2-2' WATER TABLE)
RIGHT OF WAY WIDTH: 50 FEET
MINIMUM DISTANCE BETWEEN PARALLEL CENTERLINES: 750 FEET
MINIMUM ANGLE OF ADJOINING STREETS: 60 DEGREES
MINIMUM SIGHT TRIANGLE DISTANCE: 150 FEET
MAXIMUM GRADE: 10 PERCENT
MINIMUM GRADE: 1 PERCENT (BITUMINOUS PAVEMENT)
MINIMUM HORIZONTAL CURVATURE: 100' RADIUS
ROADWAY CROSS SLOPE: 2.00%
CLEARANCE WIDTH: 1'-6" FROM FRONT FACE OF CURB
GUIDELINE DESIGN, PLACEMENT AND MATERIALS TO CONFORM TO PA DEPT. OF TRANSPORTATION SPECIFICATIONS
MATERIALS AND WORKMANSHIP OF ALL PROPOSED STREETS TO CONFORM TO THE PENNSYLVANIA DEPT. OF TRANSPORTATION SPECIFICATION FORM 408

DESIGN DESIGNATION (PA DOT FORMAT)	
TRAFFIC DATA	
CURRENT A.D.T. - 0 (2005)	
DESIGN YEAR A.D.T. - 1481 (2025)	
DESIGN SPEED	- 25 M.P.H.
PAVEMENT WIDTH	- 28' CURB TO CURB
SHOULDER WIDTH	- N/A

TRAFFIC DATA	
DESIGN YEAR A.D.T. - 1481 (2025)	
D.H.V. - 148	
D - 50%	
T - 0%	

SIGNING SCHEDULE			
SYMBOL	DESCRIPTION	SIZE	QUANTITY
(A)	STOP SIGN (R1-1)	24"x24"	7
(B)	SPEED LIMIT SIGN (25 MPH TYP) (R2)	24"x30"	8

MONUMENTATION NOTE:
NO. 5 REBAR SHALL BE PLACED AT EVERY CHANGE IN DIRECTION ON INTERIOR LOT BOUNDARIES. CONCRETE MONUMENTS SHALL BE PLACED AT SELECTED CORNERS DELINEATING THE OVERALL PROJECT BOUNDARY.

This map compiled by photogrammetric methods from aerial photography dated 4-11-95
Grid based on Pennsylvania State Plane Coordinate System North Zone NAD 1983
Vertical datum based on NAVD 1988.

