

ORDINANCE NO. 2002-1

AN ORDINANCE OF THE TOWNSHIP OF LYNN, COUNTY OF LEHIGH, COMMONWEALTH OF PENNSYLVANIA PROVIDING REGULATIONS FOR THE CONSTRUCTION OF ALL NEW DRIVEWAYS, IMPROVEMENTS TO EXISTING DRIVEWAYS, OR ANY OTHER MEANS OF INGRESS OR EGRESS ONTO A TOWNSHIP ROAD, INSTALLATION OF STORM DRAINAGE FACILITIES, EROSION AND SEDIMENTATION CONTROL, INCLUDING, INSPECTION, CONSTRUCTION STANDARDS AND ENFORCEMENT PROCEDURES.

BE IT ENACTED AND ORDAINED by the authority vested in the Board of Supervisors of the Township of Lynn, County of Lehigh, Commonwealth of Pennsylvania as follows:

SECTION 1 - Scope and Definitions.

1. This Ordinance shall apply to all driveways and private roads.
2. To the extent, the word "driveway" is used in this Ordinance, it shall be construed to mean driveways and private roads.

SECTION 2 - Permit Requirements.

1. No person, firm, corporation or other entity shall construct a new driveway, change the use of the driveway, improve an existing driveway or any other means of ingress or egress onto a township road or install storm drainage facilities or effect the discharge or passage of drainage water, onto or along a township road unless the Township Administrator has granted a permit for such grading, construction and installation.
2. A permit application shall be signed by the record owner and submitted prior to commencing work on any driveway. The application shall be on forms provided by the Township. A construction plan in accordance with this ordinance and a filing fee as established by resolution shall accompany the application.
3. All work and procedures shall be performed in strict compliance with this Ordinance and any other Township Ordinances regulating the construction of driveways.

SECTION 3 - Construction Plan.

1. The plan shall be drawn to scale showing property lines, lot size and a north arrow.

2. A distance to the nearest property line shall locate the driveway.
3. Show the centerline of the driveway, the edge of the existing road (not the right-of-way line) the leveling area and the grade from the leveling area to the building.
4. Show the type of driveway construction within the road right-of-way and outside of the road right-of-way.
5. Show the location of any new and existing storm sewer facilities including drainage swales.
6. Show all erosion and sedimentation control devices.
7. An erosion and sedimentation control plan must be submitted to the Lehigh County Conservancy District if the proposed earth disturbance activities result in a total earth disturbance of 5,000 square feet or more.
8. For driveways with a centerline grade greater than 10% a plan must be provided showing grade stakes, so the driveway grade can be verified in the field.

SECTION 4 - Construction Standards

1. Provision shall be made at all intersections of driveways with streets to ensure adequate stormwater drainage. All roadside swales, existing or proposed, must be maintained and continued across the driveway. Where this is not feasible, a drainage pipe, with a minimum pipe diameter 15" must be installed under the driveway in the swale area. The cover over the pipe and length of the pipe will be determined in the field by the Road Master.
2. Driveways shall be paved, except driveways with access off of a dirt road, from the edge of the road, not the right-of-way line, to the building restriction line. The permittee will have one year from date of the issuance of permit to complete paving.
3. Private driveways serving lots abutting both a proposed street and an existing public street shall access directly to the proposed street, and not to the existing public street.
4. Driveways shall be designed to provide access to one lot and be contained entirely on that lot. Common driveways, which are single driveways providing access to more than one lot, will not be permitted unless approved by the Board of Supervisors.
5. The minimum width of the driving surface of the driveway shall be 10 feet.
6. The minimum width of the clear area, which shall be clear of trees, tree branches and brush, shall be 20 feet along the straight sections of the driveway 25 feet along the curve sections of the driveway and at a height of 12 feet along the entire driveway.

7. A tangential arc shall round the edge of pavement intersections with a minimum radius of 20 feet.
8. The inside turning edge of the driving surface of the driveway shall have a minimum radius of 40 feet.
9. The minimum distance between centerline of a driveway and the centerline nearest intersection shall be as follows:

<u>TYPE OF DEVELOPMENT</u>	<u>TYPE OF STREET OR ANOTHER DRIVEWAY</u>			
	<u>Arterial</u>	<u>Collector</u>	<u>Local</u>	<u>Driveway</u>
Residential	150'	100'	75'	30'
Non-Residential	300'	200'	150'	30'

10. The minimum distance between edge of the driving surface of driveway and the nearest property line shall be 10 feet.
11. The centerline grade of any driveway shall not exceed 11% at any point from the end of the leveling area to any other point within the confines of the lot. A leveling area shall be provided having not greater than a 4% grade for a distance of 35 feet measured from the edge of the road, not the right-of-way line.
12. At the intersection with a street, a clear sight triangle shall be provided. The clear sight triangle shall be graded, cleared and kept clear of sight obstructions other than official sign posts or utility poles for a height between 2 and 10 feet above the ground level. The clear sight triangle shall be determined by the intersecting street centerlines and a diagonal connecting two points, one point on each street centerline. The distance along the through street centerline shall be the stopping sight distance described in the Appendix of this Ordinance and the distance along the centerline of the approach driveway shall be ten (10) feet plus the lane width of the through street.
13. Stopping sight distance represents the minimum length required for a vehicle traveling at a given speed to stop. Stopping sight distance is measured along the centerline of the through road from the intersection of the centerlines of the through road and the driveway. The minimum stopping distances for the various design speeds, including corrections for grade of the through road, are based on wet pavement conditions and are indicated in Appendix. The design speed governs correction upgrade calculations.
14. Every driveway shall intersect the adjacent public road in a perpendicular manner, unless the Road Master approves a different angle of entry. In that case, all users and owners and their agents, invitees, successors, heirs and assigns shall be allowed, but not required, to install and use such approved non-perpendicular driveway at their own risk.
15. The Board of Supervisors may alter plans filed with the application and specify any changes or modifications of any kind which they may deem necessary and make its

approval of the granting of any permits subject to any such alterations, changes or modifications.

SECTION 5 - Inspections.

1. The township representative, as appointed by the Board of Supervisors shall inspect the driveway and confirm that it conforms to the appropriate Ordinances.
2. No paving of any driveway shall be commenced until the township representative shall have inspected the site and approved the work performed. The applicant shall give the Township a minimum of 2 working days advance notice before paving is to commence in order to afford the opportunity to inspect the site.
3. The applicant must notify the township representative when the work is completed in accordance with the permit. A final inspection of the work will be required and performed by the Township prior to final acceptance of the work.
4. The applicant shall pay all fees incurred in the review, processing and inspection of the driveway over and above the permit fee.

SECTION 6 - Enforcement.

1. A violation of this ordinance, which ordinance shall be deemed to regulate public safety, fire, and health (as authorized by 53 P.S. Section 66601(c.1)(2)), or a violation of the terms or conditions of any permit issued thereunder, shall be deemed to be a summary offense and shall be enforced in an action brought before a District Justice in the same manner provided for the enforcement of summary offenses under the Pennsylvania Rules of Criminal Procedure. The Township Solicitor may assume charge of the prosecution and shall be authorized to seek criminal fines not to exceed One Thousand and 00/100 (\$1,000.00) Dollars per violation and may obtain imprisonment of each violator to the extent allowed by law for the punishment of summary offenses. Each twenty-four hour period that the condition persists shall be deemed to be a separate offense.

SECTION 7 - Repealer.

1. All ordinances and Resolutions, or parts of any ordinances or Resolutions, which conflict with this Ordinance are hereby repealed.

SECTION 8 - Severability.

1. The provisions of this Ordinance are severable and if any provisions hereof are declared illegal or invalid on constitutional or statutory grounds by any court of competent jurisdiction, then those provisions not specifically declared illegal or invalid remain in full force and effect.

SECTION 8 - Effective Date.

1. This ordinance shall become effective in 5 days.

DULY ORDAINED AND ENACTED by the Township of Lynn Board of Supervisors,
County of Lehigh, Commonwealth of Pennsylvania, in lawful session assembled this 5th day of
Sept., 2002.

ATTEST:

TOWNSHIP OF LYNN

Dawn Straughn
Dawn Straughn, Secretary

By: Donald M. Christ
Donald M. Christ, Chairman

By: Janice M. Schaeffer
Janice M. Schaeffer, Vice-Chairman

By: Charles E. Lenhart III
Charles E. Lenhart, III, Member

EFFECT OF GRADE
ON STOPPING SIGHT DISTANCE
(Wet Conditions)

DESIGN SPEED (MPH)	INCREASE FOR DOWNGRADES			DECREASE FOR UPGRADES			
	CORRECTIONS IN STOPPING DISTANCE (FT)			ASSUMED SPEED FOR CONDITION (MPH)	CORRECTIONS IN STOPPING DISTANCE (FT)		
	3%	6%	9%		3%	6%	9%
30	10	20	30	28	—	10	20
40	20	40	70	36	10	20	30
50	30	70	—	44	20	30	—
60	50	110	—	52	30	50	—
65	60	130	—	55	30	60	—
70	70	160	—	58	40	70	—

STOPPING SIGHT DISTANCE
(Wet Pavements)

DESIGN SPEED (MPH)	ASSUMED SPEED FOR CONDITION (MPH)	BRAKE REACTION		COEFFICIENT OF FRICTION (f)	BRAKING DISTANCE ON LEVEL (FT)	STOPPING SIGHT DISTANCE	
		TIME (SEC)	DISTANCE (FT)			COMPUTED (FT)	ROUNDED FOR DESIGN (FT)
20	20 to 20	2.5	73.3 to 73.3	0.40	33.3 to 33.3	106.7 to 106.7	125 to 125
25	24 to 25	2.5	88.0 to 91.7	0.38	50.5 to 54.8	138.5 to 146.5	150 to 150
30	28 to 30	2.5	102.7 to 110.0	0.35	74.4 to 85.7	177.3 to 195.7	200 to 200
35	32 to 35	2.5	117.3 to 128.3	0.34	100.4 to 120.1	217.7 to 248.4	225 to 250
40	36 to 40	2.5	132.0 to 146.7	0.32	135.0 to 166.7	267.0 to 313.3	275 to 325
45	40 to 45	2.5	146.7 to 165.0	0.31	172.0 to 217.7	318.7 to 382.7	325 to 400
50	44 to 50	2.5	161.3 to 183.3	0.30	215.1 to 277.8	376.4 to 461.1	400 to 475
55	48 to 55	2.5	176.0 to 201.7	0.30	256.0 to 336.1	432.0 to 537.8	450 to 550
60	52 to 60	2.5	190.7 to 220.0	0.29	310.8 to 413.8	501.5 to 633.8	525 to 650
65	55 to 65	2.5	201.7 to 238.3	0.29	347.7 to 485.6	549.4 to 724.0	550 to 725
70	58 to 70	2.5	212.7 to 256.7	0.28	400.5 to 583.3	613.1 to 840.0	625 to 850