

SCHEDULE "A"

APPLICATION AND INSPECTION FEES

1. The following fees and inspection requirements shall apply to all applications for construction, reconstruction or modification of any driveway:

FEES & INSPECTION REQUIREMENTS			
	Existing Driveway & Modifications	New Driveway	Inspections Required By:
MINIMUM USE/RESIDENTIAL (< 25 VEHICLES PER DAY)	Application Fee: \$100.00 Inspection Fee: \$25 00	Application Fee: \$100 00 Inspection Fee: \$75 00	Township Roadmaster
LOW VOLUME USE (>25 BUT <750 VEHICLES PER DAY)	Application Fee: \$150.00 Inspection Fee: \$250 00	Application Fee: \$150.00 Inspection Fee: \$500 00	Township Engineer
MEDIUM VOLUME USE (>750 BUT <1500 VEHICLES PER DAY)	Application Fee: \$225.00 Inspection Fee: \$250.00	Application Fee: \$225.00 Inspection Fee: \$500.00	Township Engineer
HIGH VOLUME USE (>1500 VEHICLES PER DAY)	Application Fee: \$300.00 Inspection Fee: \$250.00	Application Fee: \$300.00 Inspection Fee: \$500.00	Township Engineer

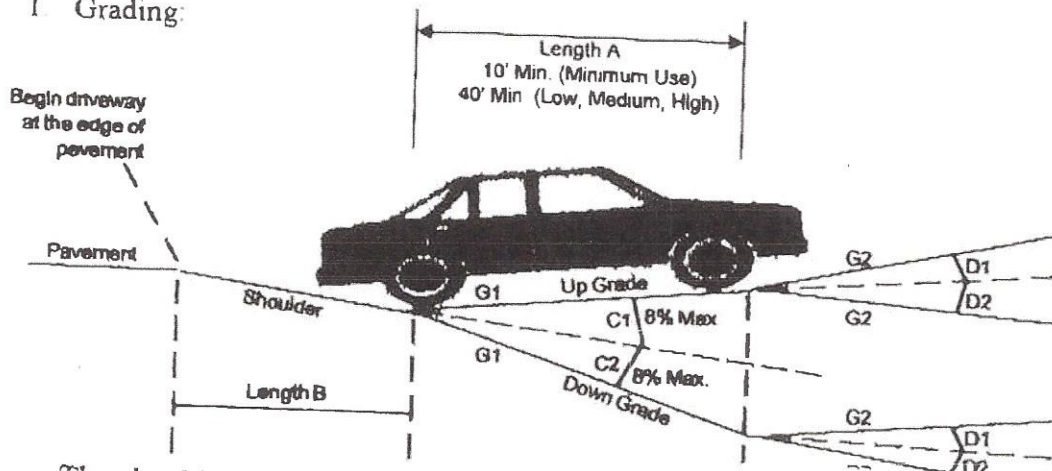
2. Where inspections are required by the Township Engineer (Low, Medium and High Volume uses), the above inspection fee includes two (2) site visits by the Township engineer. All costs and fees for additional inspections or site visits by the Township Engineer deemed necessary by the Township shall be the responsibility of the Applicant. Engineering fees and costs for additional site visits or inspections shall be charged at the Township's Schedule of Rates for Professional Engineering Services.
3. Contractors shall provide evidence of general liability coverage in an amount not less than \$1,000,000.00.
4. If the proposed occupancy is covered by an Improvements Agreement through the Subdivision and Land Development approval process, the escrow and security deposit are waived.

SCHEDULE "B"

MINIMUM USE DRIVEWAY CONSTRUCTION STANDARDS

A. Driveway design and construction shall comply with the following standards:

1. Grading:



The shoulder slope usually varies from 1/8"/ft. (2%) to 3/4"/ft. (6%). However, the shoulder slope should be maintained when constructing the driveway.²

For grade changes greater than those shown in the above diagram, vertical curves at least 10 feet long shall be constructed and length "A" shall be increased.

Grades (G) shall be limited to 15% for minimum use driveways and from five percent to eight percent for low, medium or high volume driveways within the right-of-way.

	Maximum Grade Change {D}	
	Desirable	Maximum
High Volume Driveway	0%	+/- 3%
Medium Volume Driveway	+/- 3%	+/- 6%
Low Volume Driveway (Minimum Use)	+/- 6%	Controlled by Vehicle Clearance

2. Sight Distance:

Driveways shall be located at a point within the property frontage limits which provides at least the minimum sight distance listed in the following table for passenger cars and single unit trucks existing from driveways onto roadways:

<u>Posted Speed (mph)</u>	<u>Safe Sight Distance (Left)*</u> (feet)	<u>Safe Sight Distance (Right)*</u> (feet)
25	250	195
25	250	195
35	440	350
45	635	570
55	845	875

* - measured from a vehicle ten feet back from the pavement edge at height of driver.

Note: for additional vehicle lane configurations – see Pennsylvania Code, Title 67, Transportation, Chapter 441, Access to and Occupancy of Highways by Driveways and Local Roads.

Note: Obtaining the required sight distance may require clearing and or trimming of trees on applicant's property. Initial clearing and future maintenance shall be the responsibility of the property owner. No structures (permanent or temporary) may be installed if they obstruct the safe sight distance.

3. Driveways Adjacent to Intersections

- a. There shall be a minimum ten foot tangent distance between the intersecting roadway to the radius of the first permitted driveway.
 - b. The distance from the edge of pavement of the intersecting roadway to the radius of the first permitted driveway shall be a minimum of 20 feet on curbed roadways and 30 feet on uncurbed highways.
 - c. Sections 3a and 3b may be waived only if the intersecting highway radius extends along the property frontage to the extent that it is physically impossible.
- B. The minimum driveway width for minimum use driveways is ten (10') feet. The driveway is to intersect the existing roadway at ninety degrees and have a minimum five (5') foot return radius on each side. Alternate configurations of less than ninety degrees will be reviewed on a case by case basis. All other accessway width shall be pursuant to Pennsylvania Code, Title 67, Transportation, Chapter 441, Access to and Occupancy of Highways by Driveways and Local Roads.

- C. The minimum use driveway shall be paved for the initial twenty (20') feet. The applicant/owner shall maintain the initial twenty (20') feet in a paved condition. The minimum pavement requirements consist of four (4") inches of 2A crushed aggregate and two (2") inches of superpave wearing course bituminous pavement. The joint between the paved driveway and existing Township Road pavement shall be sealed 6" on each side with PG 64-22. Additional paving of a 3" superpave bituminous base course is recommended but not required.
- D. A "C"-Swale/Gutter cross section must be provided across the proposed paved driveway. The cross section geometry shall be maintained so as to allow for unimpeded longitudinal stormwater flow. Minimum swale width shall be 4 feet wide. Swale requirement shall be greater than or equal to existing up and down stream swale adjacent to driveway or property
- E. Altering drainage prohibited. Unless specifically authorized by the permit, the permittee shall not:
1. Alter the existing drainage pattern or the existing flow of drainage water.
 2. Direct additional drainage of surface water onto or into the road right of way.
- F. The owner/applicant shall control/mitigate increases in stormwater flow resulting from development as part of the building permit, erosion and sedimentation plan, subdivision regulations, and state regulations.
- G. If the applicant/owner requests a culvert installation, appropriate sketches and calculations shall be submitted to the Township for review and approval a minimum of thirty (30) days prior to planned construction. Pipe material is to be reinforced concrete pipe or high density polyethylene, with flared and sections and a minimum fifteen (15") inch diameter. The crown of the pipe is to be set below the elevation of the edge of pavement.
- H. All disturbed areas within the Township right-of-way, but not including the paved driveway, shall be graded and stabilized according to approved Subdivision/Land Development Plans if applicable, or otherwise returned to preexisting conditions.
- I. The applicant/owners shall be responsible for incorporating standard erosion and sedimentation control practices during the driveway construction. Cleanup of offsite sediment or repair of offsite erosion will be at the applicant's/owner's responsibility.
- J. The owner/applicant shall provide temporary traffic control devices and procedures, such as signage and flaggers, in accordance with PennDOT Publication 203, Chapter 203, Section 131.
- K. Design features not specifically identified in this ordinance shall reference Pennsylvania Code, Title 67. Transportation, Chapter 441, Access to and Occupancy of Highways by Driveways and Local Roads. If curb or sidewalk is adjacent and/or

on your property. It must be repaired, replaced or extended along your property per PENNDOT road construction (RC) standards.

- L. The location of the proposed driveway shall be staked as part of the permit application. The initial stake shall be placed along the Township roadway with subsequent stakes spaced at 25' intervals.
- M. Any damage to a Township Road, signage, etc. must be repaired or improved in kind at no cost to the Township.
- N. Crossing of construction equipment on Township roads may require an overweight permit. The road must be protected from damage via boards, tires, earth, etc.