Hereford Township
Berks County, Pennsylvania
3131 Seisholtzville Rd.
Macungie, Pa 18062
Phone: (610)845-2929 Fax:(610)845-0616
Website: www.herefordtownship.org

Official Use Only

Date Received:_____ Received By:_____
Payment Type:_____ Amount Received:_____ Date Received:_____
Tax Parcel Number:_____ Zoning District:_____
Driveway Permit Number:_____ Permit Fee:_____

A NON-REFUNDABLE fee of $25.00 will be applied to this permit. A deposit against total permit fee is required at the time of application to partially cover the administrative expenses involved in application processing. This deposit is NON-REFUNDABLE. However, the deposit will be applied against the total permit fee at the time the balance of the permit is made by the applicant. Permits are not considered issued until all fees are paid. All pending permits will expire and new applications will be required if the permit is not paid for and issued within 180 days from the date approved and signed by the zoning enforcement officer.

**Notice to Applicants: Information on this form is public information and may be accessed by third parties in accordance with and subject to the requirements of the "Open Records Law"
Is there a legal reason your information should not be shared with a third party agency or available for public inspection: [__]Yes [__]No — If yes, please explain:_____

Driveway Permit

Permit Fees change periodically, Payable at time of issuance.

Name of Applicant (owner):_____

_____
Street Address City State Zip

Phone:_____ Email Address:_____

Name of Contractor:_____

Official Registration Number of Contractor:_____ Phone:_____

_____
Street Address City State Zip

Note: To Verify a contractors registration number, visit the Pennsylvania Office of Attorney General's website at www.attorneygeneral.gov or call toll free 1-888-520-6680

Location of Driveway (List Subdivision Name if Applicable) ***Please attach sketch of driveway location to permit application****_____

_____ Estimated Cost of Project: $_____

Road Driveway Will Intersect:_____

Statement of Material and Construction to be Used:_____

Swale Required [__] Yes [__] No Size:_____ Pipe Permitted [__] Yes [__] No Size:_____

I CERTIFY THAT THE INFORMATION HEREON AND HEREWITH IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I FURTHER ACKNOWLEDGE THAT THE PAVING REQUIREMENTS SET FORTH IN THE DRIVEWAY ORDINANCE WILL BE COMPLEATED WITHING ONE (1) YEAR OF THE ISSUANCE OF THIS PERMIT.

Applicants Signature: _____ **Date:**_____
Owner's Signature:_____ **Date:**_____

MUST SUBMIT TWO (2) SETS OF PLANS

Technicon Enterprises, Inc. II - Final Inspection Required - Call (610)286 -1622

Zoning Enforcement Officer:_____ Date: _____

[__] Inspection Approved [__] Inspection Disapproved Inspection Date:_____

(Technicon Enterprises, Inc., II - Please return Inspection Information upon completion)

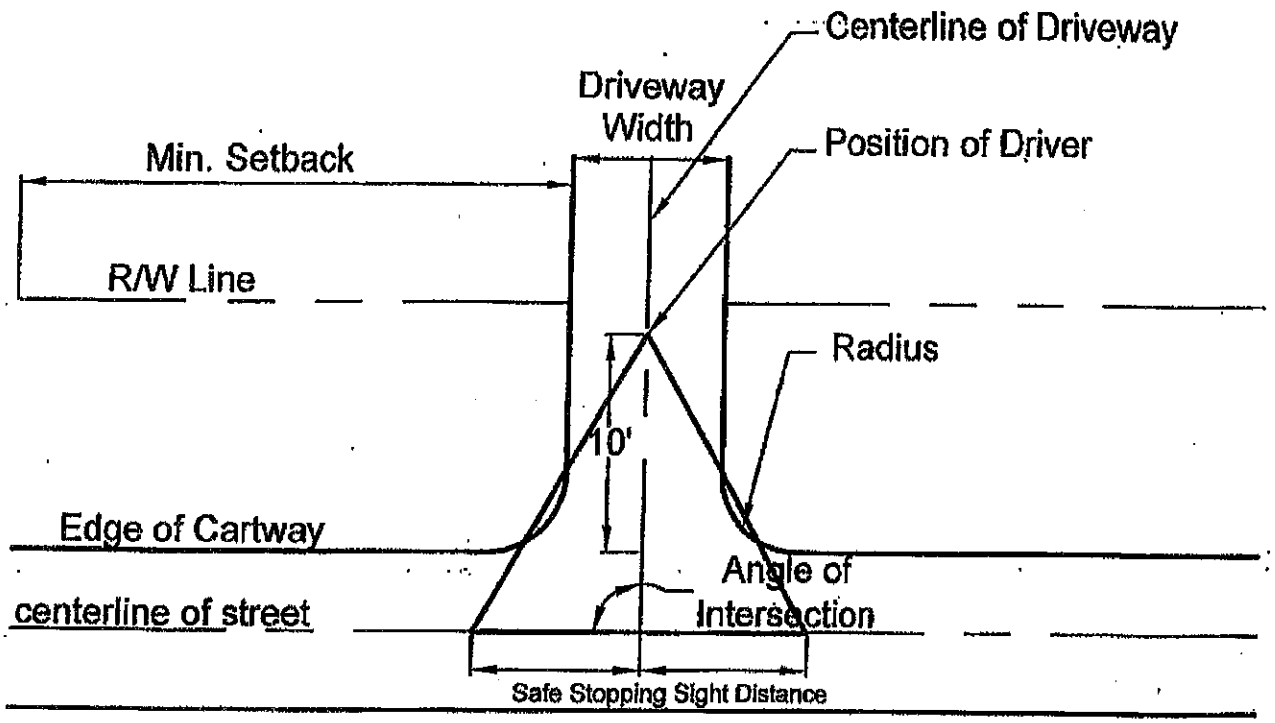
When scheduling inspections, the contractor must insure he has completed all items necessary for the inspection. Should the Building Inspector/Zoning Officer be required to make Additional inspections a fee of $85.00 will be due to defray the cost of the inspection. The entire fee must be paid prior to the inspection. The fee is paid to the Municipality.

SUMMARY OF DRIVEWAY DESIGN STANDARDS

		Single Family Residential	Multi-Family Residential	Non-Residential Driveways
Angle of Intersection	- Preferred - Range	90° 60° - 120°	90° 60° - 120°	90° 60° - 120°
Width	- Minimum - Maximum	10' 20'	10' per lane 30' (overall)	10' per lane 30' (overall)
Radius	- Minimum - Maximum	5' 15'	10' 15'	10' 15'
Safe Stopping Sight Distance		Per Exhibit C	Per Exhibit C	Per Exhibit C
Maximum grade	Within 20' of Cartway Beyond 20' of cartway	5% 14%	5% 10%	5% 10%
Minimum Driveway Pipe Size (if permitted)		15" (min)	15" (min)	15" (min)
Minimum Distances from Street Intersection	In ~~W-C, A, R-L~~ AP / R: In other Zoning District	75' 40'	75' 40'	75' 40'
Minimum Setback Side & Rear Yds	In W-C, A (R-L) In all others except I In I In I adjacent to others	10' 5' 0 20'	20' 20' 0 20'	20' 20' 0 20'
Maximum Side Slope		1.5 horizontal to 1 vertical	1.5 horizontal to 1 vertical	1.5 horizontal to 1 vertical
Minimum Paving Length		20'	Entirety	Entirety

NOTES:

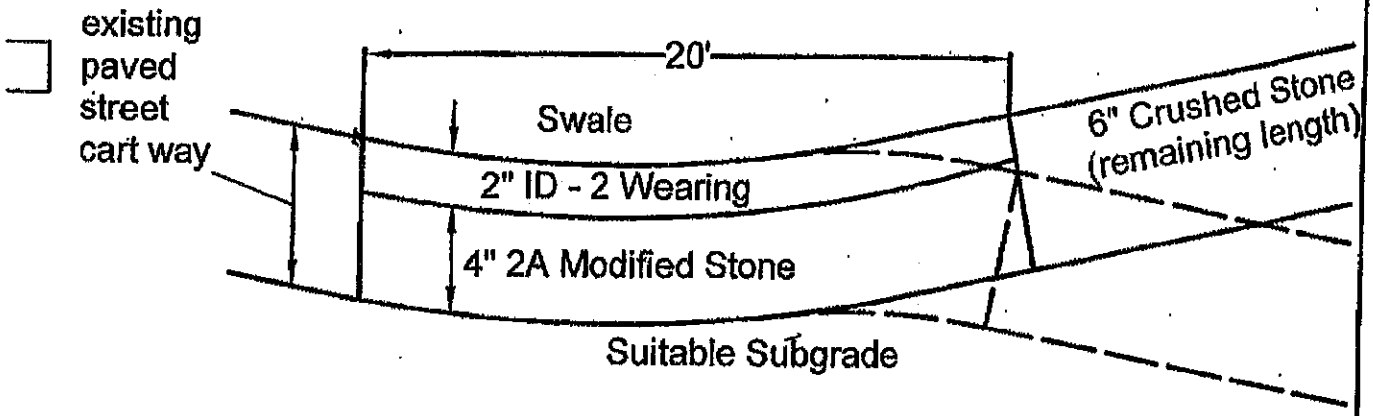
- Driveways shall be constructed with a crown to provide drainage.
- Driveways constructed across a slope shall be pitched to drain toward the downhill side.
- Driveways with an uphill grade from the street shall not be used as a drainage way for turnaround runoff or roof spout runoff.
- No paving of any driveway is permitted until the Permit Administrator has inspected the site.
- No paving, re-paving, widening, pipe replacement, or modifying of any driveway is permitted until the Permit Administrator has received an application and approved a driveway permit.
- Upon completion of construction, the Applicant shall contact the Permit Administrator for a final inspection.
- When applicable, driveways shall be as designed and shown on the Subdivision or Land Development Plan.



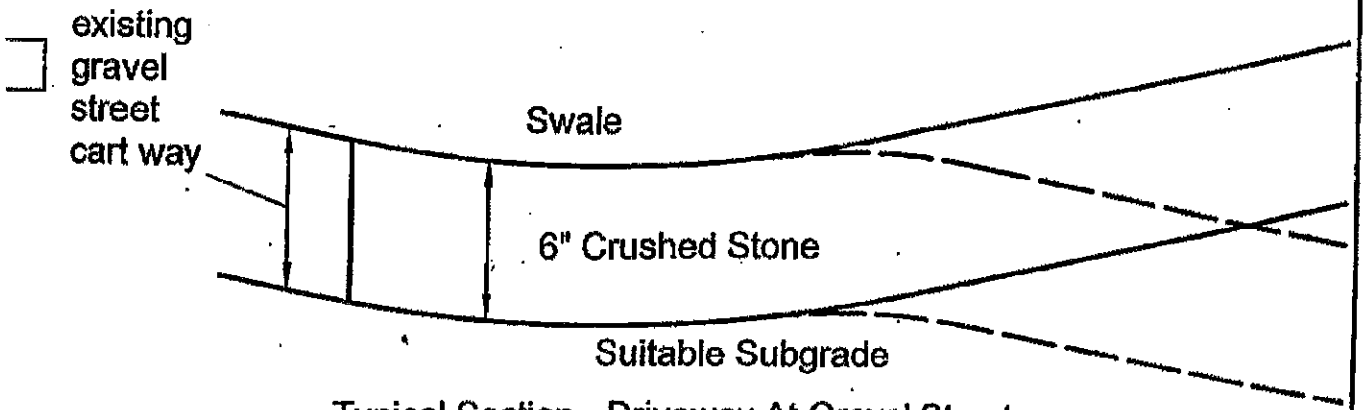
Driveway Sketch
(not to scale)

Township of Hereford
Attachment to
Driveway Application

Residential Driveway
Minimum Construction Specifications



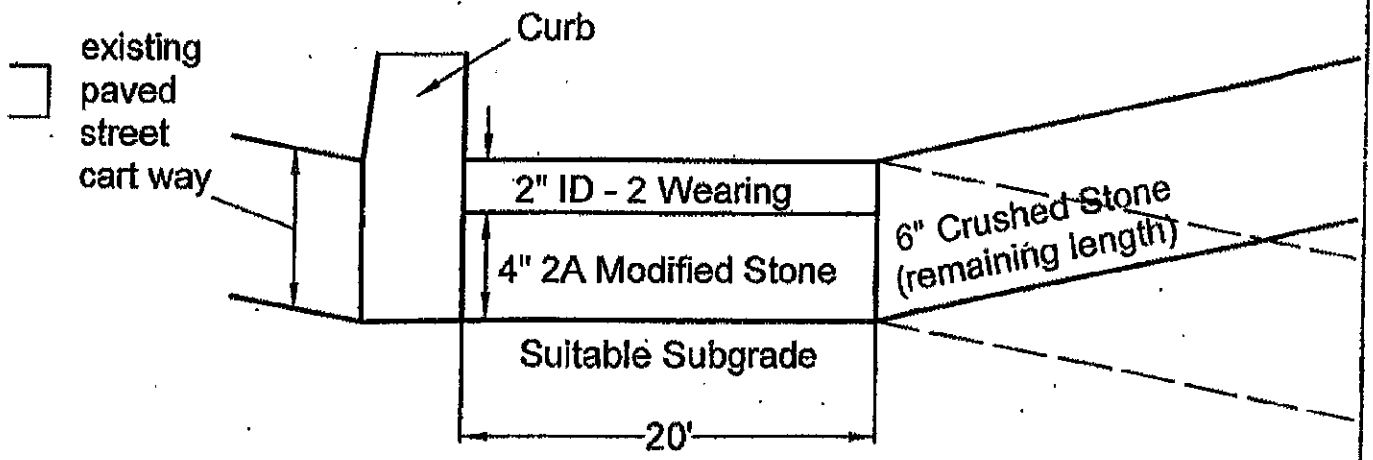
Typical Section - Driveway At Paved Street
(not to scale)



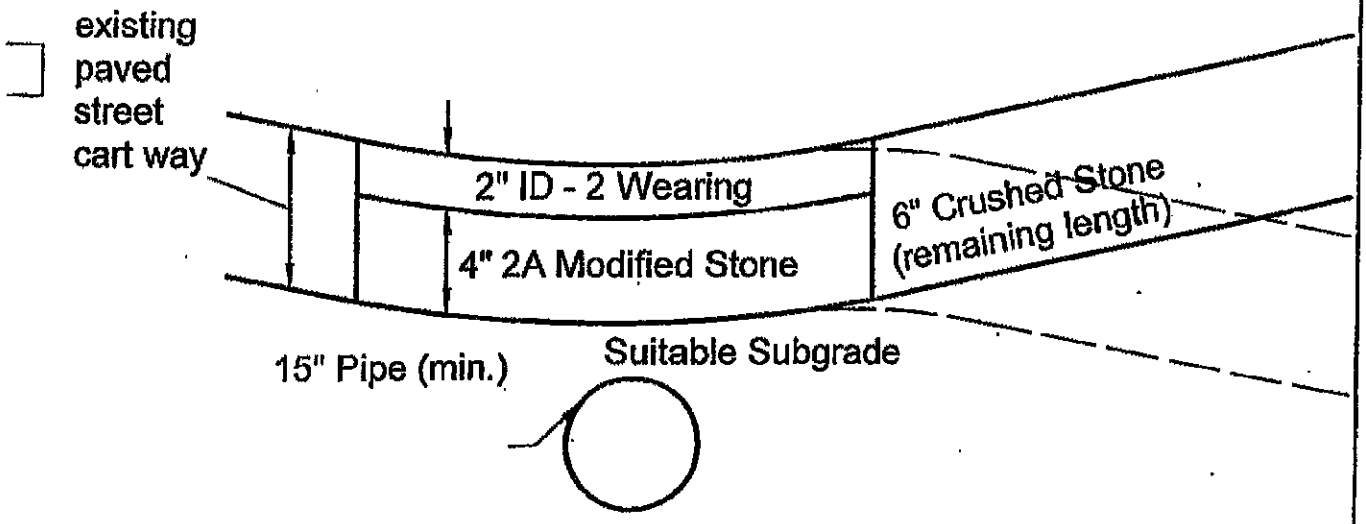
Typical Section - Driveway At Gravel Street
(not to scale)

Township of Hereford
Attachment to
Driveway Application

Residential Driveway
Minimum Construction Specifications



Typical Section - Driveway With Curb
(not to scale)



Typical Section - Driveway With 15" Pipe
(not to scale)

Township of Hereford
Attachment to
Driveway Application

SIGHT DISTANCE DETERMINATION

DETERMINATION OF SIGHT DISTANCES AT INTERSECTIONS OF NEW DRIVEWAYS WITH EXISTING TOWNSHIP ROADS

The following tables shall be used to determine sight distances. They are based on a formula published in the Pennsylvania Code Title 67, Chapter 441 (Access to and Occupancy of Highways by Driveways and Local Roads). Note that in the following text the term "driveway" refers to every entrance or exit used by vehicular traffic to or from properties abutting a Township road. The term includes proposed streets, lanes, alleys, courts, and ways.

Access driveways shall be located at a point within the property frontage limits which provides at least the minimum safe stopping sight distance (SSSD) listed in Tables 1 and 2. These minimum sight distances shall be obtainable and measured from a point ten feet back of the pavement edge and 3.5 feet above the road surface to a point six inches above the road surface at the required SSSD.

If the minimum safe stopping sight distances (SSSD's) listed in Tables 1 and 2 cannot be achieved, the Township may:

1. prohibit left turns by exiting vehicles;
2. restrict turning movements to right turns in and out of a driveway;
3. require installation of a right turn acceleration lane or deceleration lane;
4. require installation of a separate left turn standby lane;
5. alter the horizontal or vertical geometry of the roadway; or
6. deny access to the road.

Tables 1 and 2 give minimum safe stopping sight distance (SSSD's) for vehicles approaching downhill (descending) and uphill (ascending) respectively towards intersections for various vehicle speeds and road grades.

The distances tabulated in Tables 1 and 2 were calculated using the following formula.

$$SSSD = 1.47\,Vt + \frac{V^2}{30(f+0.01g)}$$

SSSD = Minimum safe stopping sight distance (feet).
V = Velocity of vehicle (miles per hour).
t = Perception time of motorist (average = 2.5 seconds).
f = Wet friction of pavement (average = 0.30).
g = Grade of roadway (percent)
(+ for ascending and - for descending vehicles)

Sample Using Formula

A new driveway will be created along an existing road with an 8 percent grade on which the dominant vehicle speed is 45 miles per hour. Determine the SSSD for vehicles approaching from both directions towards the new intersection.

For vehicles ascending (approaching uphill) towards the intersection, use g = +8. (Note that g is positive).

$$SSSD = 1.47 \times 45 \times 2.5 + \frac{(45)^2}{30[.30 + .01(8)]} = 343 \text{ feet}$$

For vehicles descending (approaching downhill) towards the intersection, use g = -8. (Note that g negative and the stopping distance is considerably longer).

$$SSSD = 1.47 \times 45 \times 2.5 + \frac{(45)^2}{30[.30 + .01(-8)]} = 472 \text{ feet}$$

Table 1 **Minimum Safe Stopping Sight Distance (SSSD) for Vehicles Approaching Down Hill (Descending) Towards Intersection**

SSSD'S FOR DOWN HILL GRADES APPROACHING INTERSECTION
(Feet)

Speed MPH	Level	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%
25	161	163	166	169	172	175	178	181	186	191	196	202	207	214	222
35	265	270	275	280	286	292	299	306	315	323	333	344	356	369	384
45	390	398	406	415	425	435	446	458	472	486	502	521	540	562	587
55	538	550	562	575	590	605	622	640	660	682	706	733	762	795	832
65	708	724	742	760	780	802	825	851	879	909	943	980	1021	1067	1119

Table 2 **Minimum Safe Stopping Sight Distance (SSSD) for Vehicles Approaching Up Hill (Ascending) Towards Intersection**

SSSD'S FOR UP HILL GRADES APPROACHING INTERSECTION
(Feet)

Speed MPH	Level	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%
25	161	159	157	155	153	151	150	148	147	145	144	143	141	140	139
35	265	260	256	252	249	245	242	239	236	233	231	228	226	224	221
45	390	383	376	370	363	358	353	348	343	338	334	330	326	322	319
55	538	527	517	507	499	490	482	475	467	461	454	448	442	436	431
65	708	693	679	666	653	641	630	620	610	600	591	582	574	566	559