

SUBDIVISION AND LAND DEVELOPMENT

22 Attachment 7

Town of Bloomsburg

REFERENCE: 1.) 1984 AASHTO Green Book Chapter 3
 2.) Pub. 201 Chapter 201 "1982"
 3.) PA Code Title 67 Chapter 441 "1982"

$$\text{MINIMUM SAFE STOPPING SIGHT DISTANCE} = 1.47Vt + \frac{V^2}{30(F \pm G)}$$

		G = HIGHWAY GRADE IN %													
		+0	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12	+13
		-0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13
V - S P E E D (MPH)	15	80'	79'	79'	78'	77'	77'	76'	75'	75'	74'	74'	73'	73'	73'
		80'	81'	82'	83'	84'	85'	86'	88'	89'	91'	93'	95'	97'	99'
	20	118'	117'	115'	114'	113'	112'	111'	110'	109'	108'	107'	106'	105'	105'
		118'	119'	121'	123'	125'	127'	129'	131'	134'	137'	140'	144'	148'	152'
	25	161'	159'	157'	155'	153'	151'	150'	148'	147'	145'	144'	143'	141'	140'
		161'	164'	166'	170'	172'	175'	178'	182'	187'	181'	196'	202'	208'	214'
	30	210'	207'	204'	201'	198'	196'	194'	191'	189'	187'	185'	183'	182'	180'
		210'	214'	217'	221'	226'	230'	235'	241'	247'	253'	260'	268'	277'	287'
	35	265'	260'	256'	252'	249'	245'	242'	239'	236'	233'	231'	228'	226'	224'
		265'	269'	274'	280'	286'	292'	299'	306'	314'	323'	333'	344'	355'	369'
	40	325'	319'	314'	309'	304'	300'	295'	291'	287'	284'	280'	278'	274'	271'
		325'	331'	337'	345'	352'	360'	369'	379'	390'	401'	414'	428'	443'	461'
45	390'	385'	378'	370'	364'	358'	353'	348'	343'	339'	334'	330'	328'	322'	
	390'	398'	406'	415'	425'	435'	447'	459'	471'	487'	503'	521'	540'	562'	
50	462'	453'	444'	436'	429'	421'	415'	409'	403'	397'	392'	388'	382'	378'	
	462'	471'	481'	492'	504'	517'	531'	547'	563'	581'	600'	622'	647'	674'	
55	538'	527'	517'	508'	499'	490'	482'	475'	467'	461'	454'	448'	442'	437'	
	538'	550'	562'	576'	590'	605'	622'	641'	660'	682'	706'	733'	762'	795'	
60	621'	608'	596'	584'	573'	563'	554'	545'	536'	528'	521'	513'	506'	500'	
	621'	634'	649'	665'	682'	701'	721'	742'	766'	792'	821'	852'	887'	926'	

DATE
SCALE
PROJECT
SHEET

EXHIBIT 6b

HRG