



SIGHT DISTANCE PLAN LEGEND	
	DRIVER LOCATION AT 42' ABOVE DRIVEWAY SURFACE ELEVATION AT STOP
	DRIVER LOCATION AT 42' ABOVE ROAD SURFACE ELEVATION
	BRAKE LIGHT LOCATION AT 24' ABOVE ROAD SURFACE ELEVATION
	LINE OF SIGHT
	STOP LINE SIGHT DISTANCE
	STOP SIGHT DISTANCE
	TURNING SIGHT DISTANCE

DRIVEWAY SIGHT DISTANCE NOTES

1. DRIVEWAY SITE DISTANCE REQUIREMENTS IN CONFORMANCE WITH THE STANDARDS CONTAINED IN THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION PUBLICATION TITLED "POLICY AND STANDARDS FOR ENTRANCES TO STATE HIGHWAYS" DATED JANUARY 15, 2015 AND THE ASHTO PUBLICATION TITLED "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" DATED 2011.
2. DRIVEWAY SIGHT DISTANCE DESIGN BASED ON THE FOLLOWING:
  - A) 30 MPH DESIGN SPEED ON MAJOR ROAD WITH NO ADJUSTMENT FACTORS FOR SIGHT DISTANCES BASED ON APPROACH GRADE.
  - B) DRIVEWAY INTERSECTION WITH NO TRAFFIC CONTROL ON THE MAJOR ROAD AND STOP CONTROL ON THE DRIVEWAY.
  - C) 335' STOP LINE SIGHT DISTANCE (SLSD) FOR LEFT TURN FROM STOP - 1 LANE CROSSED.
  - D) 290' STOP LINE SIGHT DISTANCE (SLSD) FOR RIGHT TURN FROM STOP - 1 LANE ENTERED.
  - E) 200' STOPPING SIGHT DISTANCE (SSD) ON MAJOR ROAD.
  - F) 245' TURNING SIGHT DISTANCE (TSD) SITE DISTANCE FOR LEFT TURN FROM MAJOR ROAD - 1 LANE CROSSED.
3. STOP LINE SIGHT DISTANCE (SLSD) AND TURNING SIGHT DISTANCE (TSD) ARE MEASURED AT 42' ABOVE DRIVEWAY SURFACE AND ROAD PAVEMENT SURFACE (DRIVER EYE ELEVATION).
4. STOPPING SIGHT DISTANCE (SSD) IS MEASURED FROM 42' ABOVE ROAD PAVEMENT SURFACE (DRIVER EYE ELEVATION) TO 24' ABOVE ROAD PAVEMENT SURFACE (BRAKE LIGHT ELEVATION).