

Sight Distance Measurement and Evaluation Worksheet

LEFT (North)

RIGHT (South)



| INTERSECTION SIGHT DISTANCE | MEASUREMENT (ft) | |
|---|-------------------------|---------------------|
| <ul style="list-style-type: none"> • 3.5' object placed at proposed access • 3.5' driver's eye height on approaching lane | LEFT >530' | RIGHT N/A |
| STOPPING SIGHT DISTANCE | MEASUREMENT (ft) | |
| <ul style="list-style-type: none"> • 2.0' object placed at proposed access • 3.5' driver's eye height on approaching lane | LEFT >500' | RIGHT N/A |

Evaluation

Posted Speed = 45 mph

Design Speed = Posted Speed + 10 mph = 55 mph (EAPD Policy)

Intersection Sight Distance (ISD):

| Turning Movement | State Standard ISD Requirement Based on Design Speed | Reduced ISD Requirement Based on Posted Speed * |
|-----------------------------|--|---|
| Left Turn from Site Access | N/A | N/A |
| Left Turn into Site Access | N/A | N/A |
| Right Turn from Site Access | 530' | 430' |

*Substandard condition meeting this requirement may be acceptable upon consideration of site specific traffic and safety conditions, feasibility constraints, etc. Mitigation may be required for any substandard condition.

Stopping Sight Distance (SSD):

SSD Required for the Design Speed: 495' ft (MUST be met)

Results
