



HATCH AREA NOTES:

VEGETATION, BERMS, AND PROJECT FEATURES WITHIN THE SIGHT DISTANCE TRIANGLE SHALL MEET THE FOLLOWING REQUIREMENTS:

1. ALL EXISTING TREES AND OTHER OBSTRUCTION'S WITHIN THE SITE TRIANGLE SHALL BE MIN. 8' TO THE LOWEST BRANCH.

STOP CONTROL MINOR LEG ONLY
PASSENGER CAR ON A 4 LANE ROADWAY
WITH CENTER TURN LANE

POSTED SPEED LIMIT	DISTANCE (LEFT TURN) A	DISTANCE (RIGHT TURN AND CROSSING) B
50 MPH	625 FEET	480 FEET
45 MPH	565 FEET	430 FEET
40 MPH	500 FEET	385 FEET
35 MPH	440 FEET	335 FEET
30 MPH	375 FEET	290 FEET
25 MPH	315 FEET	240 FEET
20 MPH	250 FEET	195 FEET

NOTES:

ADJUSTMENTS TO SIGHT DISTANCE SHALL BE PER AASHTO'S "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS & STREETS."

1. SIGHT DISTANCE FOR VEHICLES MAY BE REDUCED FOR NARROWER ROADWAYS.
2. SIGHT DISTANCE FOR TRUCKS SHALL BE INCREASED WHEN THE HEAVY VEHICLE PERCENTAGE IS OVER 10%.
3. SIGHT DISTANCE FOR APPROACH GRADES LARGER THAN +3% OR -3% SHALL BE ADJUSTED PER AASHTO.
4. A REDUCED SIGHT DISTANCE DECISION POINT MAY BE USED FOR EXISTING INTERSECTIONS AND DRIVEWAYS FOLLOWING THE CURRENT WSDOT DESIGN MANUAL GUIDANCE FOR INTERSECTION SIGHT DISTANCE. AN APPROVED DESIGN VARIANCE IS REQUIRED.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS KEPT ON FILE AT THE CITY OF KENT. A COPY MAY BE OBTAINED UPON REQUEST.

	CITY OF KENT ENGINEERING DEPARTMENT	
	INTERSECTION/DRIVEWAY SIGHT TRIANGLE	
DESIGNED: COK	SCALE: NONE	STANDARD PLAN
DRAWN: COK	DATE: 10/2024	6-52
CHECKED: COK	ENGINEER	
APPROVED: <i>Chad Bieren</i>		