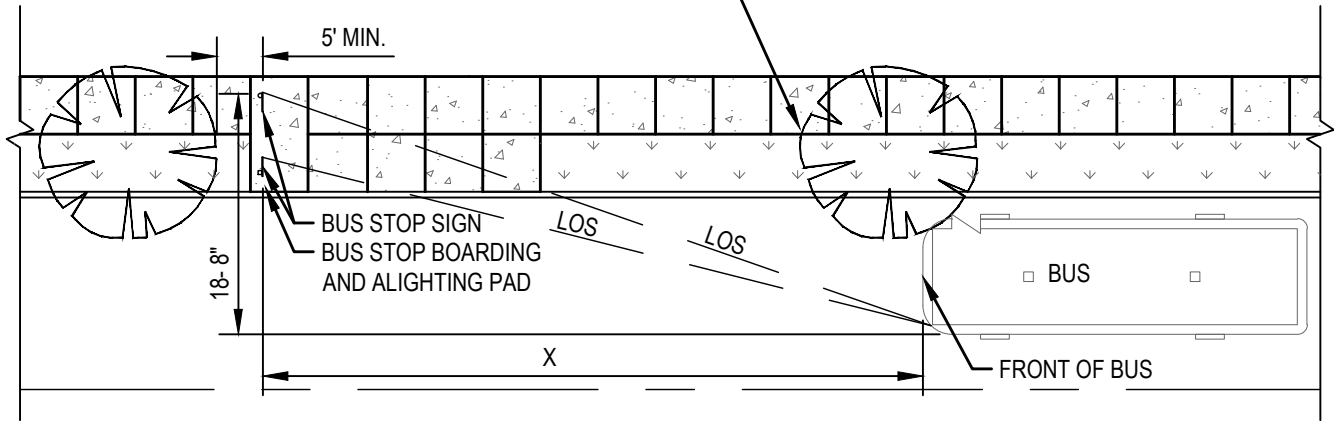


DIAMETER OF FULLY GROWN TREE'S DRIP LINE SHALL NOT ENCROACH ON BUS DRIVER'S LINE OF SIGHT (LOS) TO BUS STOP SIGN.



NOTES:

1. WHERE FEASIBLE, PLACE STREET TREES BEHIND THE SIDEWALK IN THE APPROACH ZONE. AT A MINIMUM, DO NOT PLACE STREET TREES (OR OTHER OBSTRUCTIONS) INSIDE THE LINE OF SIGHT (LOS) TRIANGLE. DO NOT ALLOW MATURE TREES TO GROW INTO THE LINE OF SIGHT TRIANGLE.
2. 12' CLEAR VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN THE ROAD AND THE BOTTOM OF TREE DRIP LINES TO ALLOW BUS TO PASS UNDER MATURE TREES.

"X" (STOPPING SIGHT DISTANCE)				
SPEED LIMIT (MPH)	(MAX.) ROAD GRADE			
	0%	3%	6%	9%
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593

REF:

- WSDOT DESIGN MANUAL 2014, EXHIBIT 1260-1 AND 1260-2.
- AASHTO GEOMETRIC DESIGN OF HIGHWAYS AND STREETS "GREEN BOOK" 2011 TABLE 3-1 AND 3-2.

PREPARED BY: **COFFMAN ENGINEERS**



Spokane Transit Authority

REV #	DATE	DESCRIPTION

**STREET TREE LOCATION NEAR BUS STOPS**

BY	DLS
DATE	02/02/16
CHECKED	CBM
DATE	02/02/16

**C7**