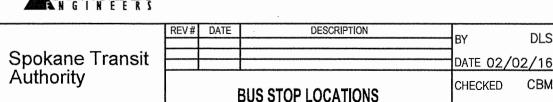


- STA TO PROVIDE INFORMATION REGARDING BUS TYPE, LENGTH, AND QUANTITY OF BUSES TO BE SERVICED BY BUS STOP.
- X = 15 FEET (MINIMUM) FROM EDGE OF CROSSWALK OR END OF CURB RADIUS, WHICHEVER IS FURTHER FROM THE INTERSECTION. Y = 5 FEET (MINIMUM) FROM EDGE OF CROSSWALK OR END OF CURB RADIUS, WHICHEVER IS FURTHER FROM THE INTERSECTION.
 - * X=30 FEET FOR BUS STOPS LOCATED IN THE CITY OF SPOKANE.
- ADD 20 FEET TO BUS STOP ZONE FOR AN ARTICULATED BUS. 3.
- FOR MULTIPLE BUSES BEING SERVED AT ONE STOP:
 - ADD 50 FEET FOR EACH ADDITIONAL STANDARD 40-FOOT BUS
 - ADD 70 FEET FOR EACH ADDITIONAL 60-FOOT ARTICULATED BUS
- BUS STOP ZONE SHALL BE SIGNED AS A NO PARKING ZONE PER STANDARDS OF LOCAL JURISDICTION.
- REFER TO STA STANDARD PLAN C3 FOR BUS BUMPOUT DETAILS. REFER TO STA STANDARD PLANS C4 AND C5 FOR 8' x 8' BOARDING AND ALIGHTING PAD DETAILS AT ADJACENT AND SEPARATED SIDEWALKS, RESPECTIVELY. REFER TO STA STANDARD PLAN C5 FOR ADDITIONAL HARDSCAPE CLEAR ZONE AT SEPARATED SIDEWALKS. REFER TO STA STANDARD PLAN C6 FOR HORIZONTAL BUS STOP SIGN PLACEMENT DETAILS. REFER TO STA STANDARD PLAN C7 FOR STREET TREE PLACEMENT DETAILS.

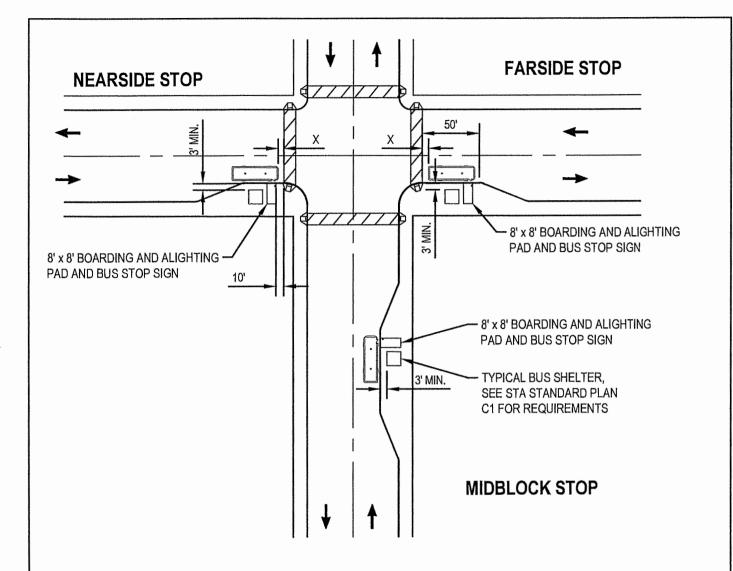




DLS

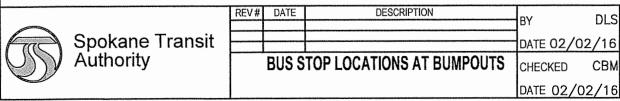
CBM

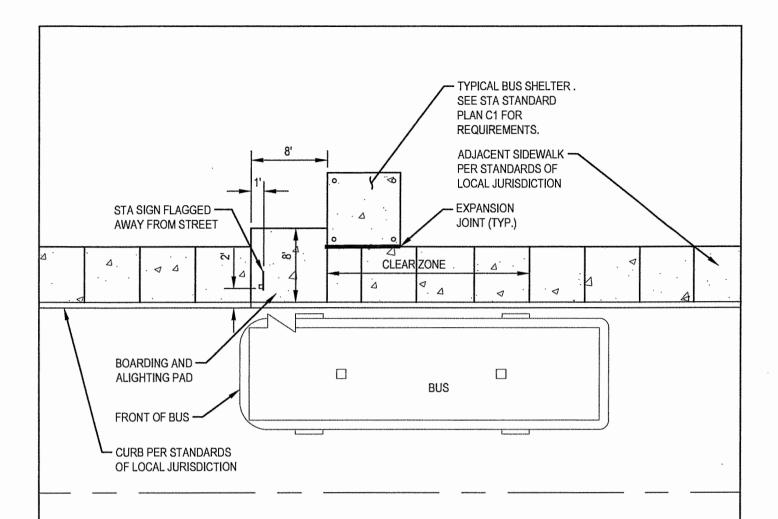
DATE 02/02/16



- X = 5 FEET (MINIMUM) FROM EDGE OF CROSSWALK OR END OF CURB RADIUS, WHICHEVER IS FURTHER FROM THE INTERSECTION.
- 2. STA TO PROVIDE INFORMATION REGARDING BUS TYPE, LENGTH, AND QUANTITY OF BUSES TO BE SERVICED BY BUS STOP.
- 3. BUS STOP ZONE SHALL BE SIGNED AS A NO PARKING ZONE PER STANDARDS OF LOCAL JURISDICTION.
- 4. REFER TO STA AND LOCAL JURISDICTION STANDARDS FOR ADDITIONAL REQUIREMENTS REGARDING BUS STOP SHELTER DESIGN, BUS STOP SIGNS AND POSTS, CURBS, SIDEWALKS, STREET LIGHTING, SIGNAGE, AND LANDSCAPING. COORDINATE WITH STA AND LOCAL JURISDICTIONS.





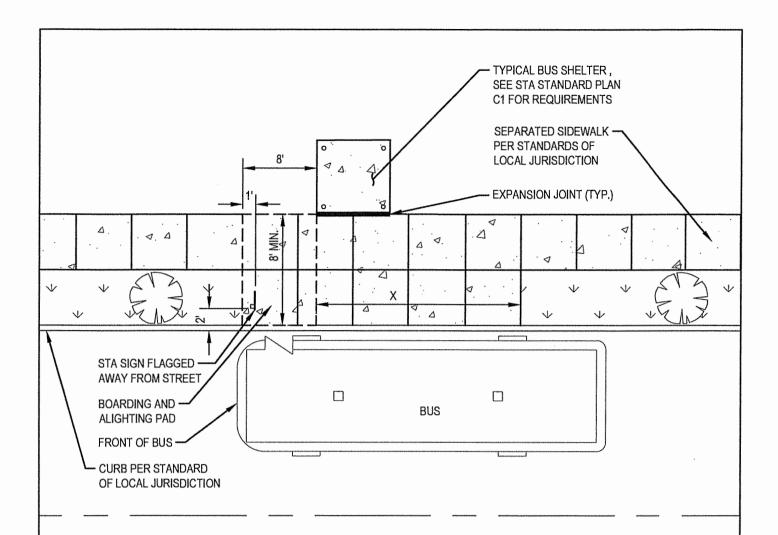


- BOARDING AND ALIGHTING PAD CONCRETE SECTION SHALL MATCH SIDEWALK SECTION PER LOCAL JURISDICTION STANDARDS.
- 2. FRONT OF BUS ZONE MARKED BY BUS STOP SIGN.
- COORDINATE WITH STA TO DETERMINE IF BUS SHELTER WILL BE CONSTRUCTED. REFER TO STA STANDARD PLAN C1 FOR BUS SHELTER FOUNDATION DETAIL.
- 4. EXPANSION JOINTS SHALL BE 1/2" PREMOLDED JOINT FILLER AND SHALL EXTEND THE FULL DEPTH OF CONCRETE.
- REFER TO STA STANDARD PLAN C2 FOR BUS STOP LOCATIONS. REFER TO STA STANDARD PLAN C3 FOR BUS STOP LOCATION AT BUMPOUTS. REFER TO STA STANDARD PLAN C6 FOR BUS STOP SIGN PLACEMENT DETAILS. REFER TO STA STANDARD PLAN C7 FOR STREET TREE PLACEMENT DETAILS.





REV#	DATE	DESCRIPTION	BY		DLS
			DATE	02/	/02/16
	BOAR	DING AND ALIGHTING PAD AT	CHEC	KED	СВМ
		ADJACENT SIDEWALK	DATE	02/	/02/16



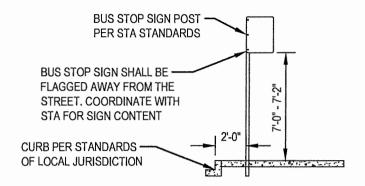
- 1. X=DISTANCE BETWEEN PADS, STA TO PROVIDE DISTANCE BASED ON BUS TYPE.
- BOARDING AND ALIGHTING PAD CONCRETE SECTION SHALL MATCH SIDEWALK SECTION PER LOCAL JURISDICTION STANDARDS.
- 3. FRONT OF BUS ZONE MARKED BY BUS STOP SIGN.
- 4. WHERE FEASIBLE, EXTEND HARDSCAPE TO ESTABLISH CLEAR ZONE FOR BUS AND TO ALLOW FOR REAR DOOR ALIGHTING. COORDINATE WITH STA TO DETERMINE WIDTH (X) OF HARDSCAPE.
- 5. COORDINATE WITH STA TO DETERMINE IF BUS SHELTER WILL BE CONSTRUCTED. REFER TO STA STANDARD PLAN C1 FOR BUS SHELTER FOUNDATION DETAIL.
- EXPANSION JOINTS SHALL BE 1/2" PREMOLDED JOINT FILLER AND SHALL EXTEND THE FULL DEPTH OF CONCRETE.
- 7. REFER TO STA STANDARD PLAN C2 FOR BUS STOP LOCATION DETAILS. REFER TO STA STANDARD PLAN C3 FOR BUS BUMPOUT DETAILS. REFER TO STA STANDARD PLAN C6 FOR HORIZONTAL BUS STOP SIGN PLACEMENT DETAILS. REFER TO STA STANDARD PLAN C7 FOR STREET TREE PLACEMENT DETAILS.



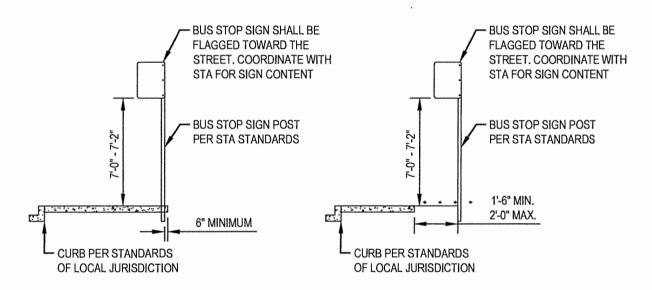




REV#	DATE	DESCRIPTION	DV.			DI C	I
			BY		'	DLS	l
			DATE	02,	/02/	/16	
	BOAR	DING AND ALIGHTING PAD AT	CHEC	KED	C	ВМ	
		SEPARATED SIDEWALK	DATE	02,	/02,	/16	



SIDEWALKS 5'-6" TO 8'-0"+ AND AT BUS STOPS WITH SHELTERS



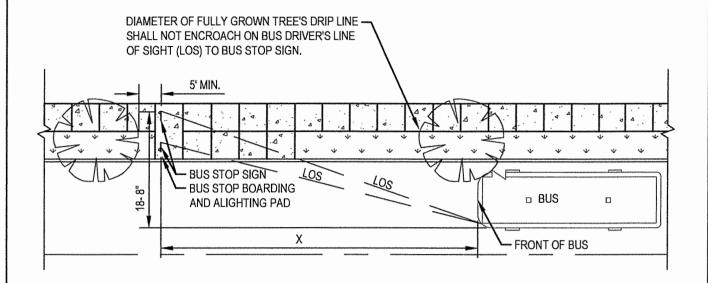
SIDEWALKS 0'-0" UP TO 5'-6" AND SPECIAL CONDITIONS ONLY

- VERIFY EXISTING UTILITIES ARE NOT IN CONFLICT WITH POLE PLACEMENT PRIOR TO CONSTRUCTION.
- DO NOT AFFIX STA SIGN TO A POLE WITH OTHER (NON-STA) SIGNS. DO NOT AFFIX NON-STA SIGNS TO BUS STOP SIGN POST. SIGNAGE SHALL BE INSTALLED ACCORDING TO THE STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
- REFER TO STA STANDARD PLANS C4 AND C5 FOR HORIZONTAL LOCATION OF BUS STOP SIGN AT AN ADJACENT SIDEWALK, AND SEPARATED SIDEWALK, RESPECTIVELY.
- COORDINATE WITH STA TO ENSURE TREES, POLES, BUILDINGS, AWNINGS, AND OTHER SIGNS
 DO NOT OBSCURE PEDESTRIANS' OR BUS DRIVERS' VIEW OF THE BUS STOP SIGN.
- 5. COORDINATE WITH STA WHERE SIDEWALK IS LESS THAN 5' WIDE.





REV#	DATE	DESCRIPTION	BY		פות
			-	00 /6	0 /4.0
			DATE	02/C	2/16
		BUS STOP SIGN	CHECK	ŒD	СВМ
	P	LACEMENT IN SIDEWALK	DATE	02/0	2/16



- 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.
- 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					
(IVIPH)	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.



REV#	DATE	DESCRIPTION	BY		פוח	Γ
			lo i		DLS	
			DATE	02,	/02/16	
SIREET IREE LOCATION NEAR BUS STOPS			CHEC	KED	СВМ	
			DATE	02	/02/16	ı

C7