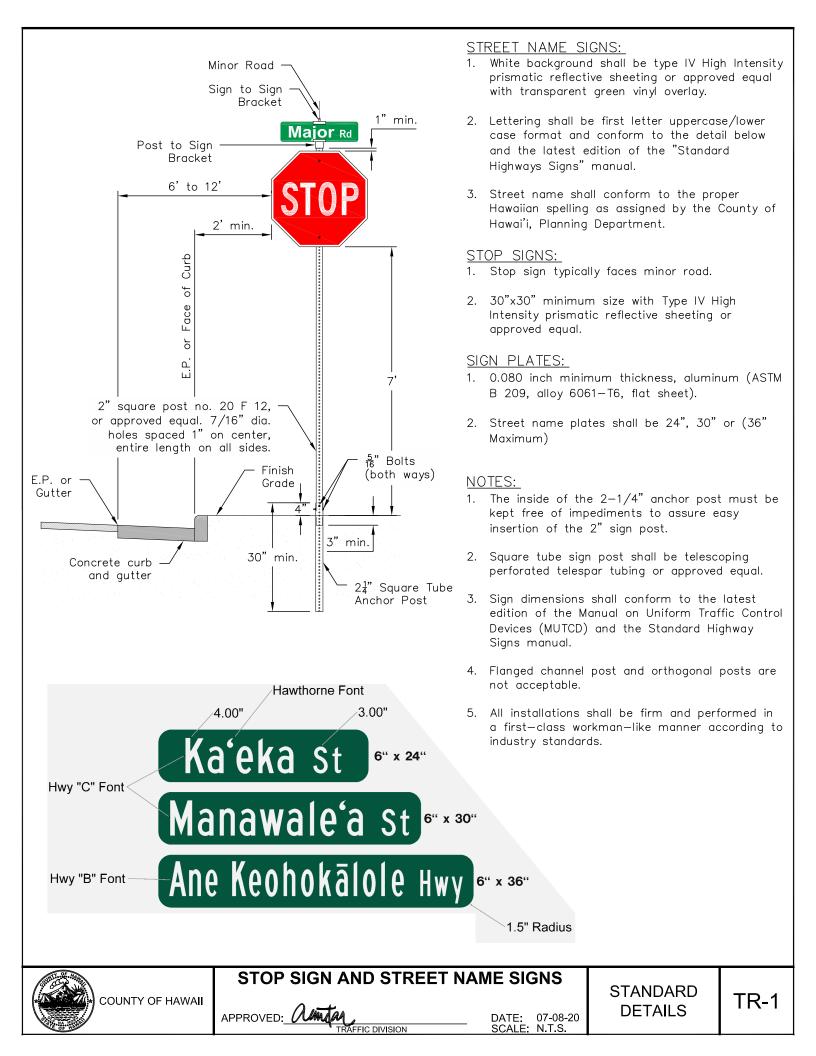
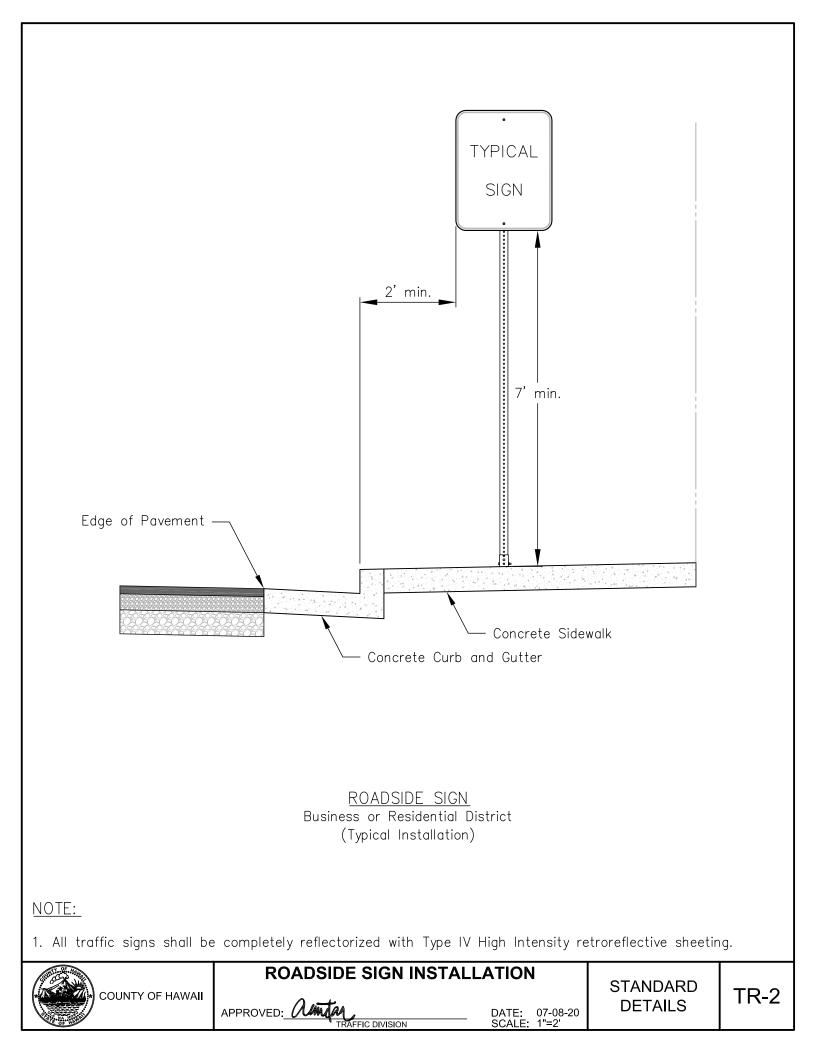
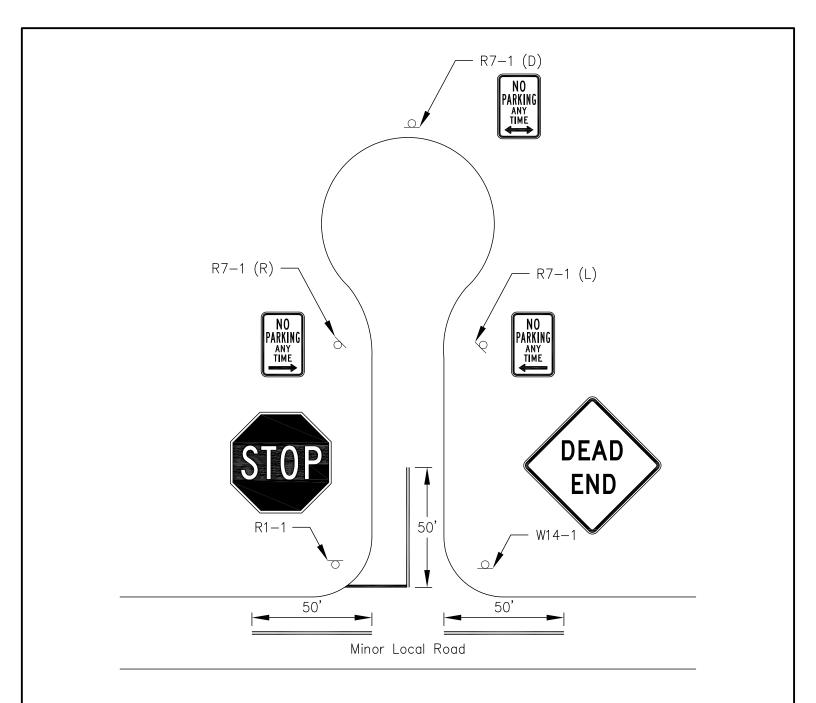
Traffic Signs and Markings Standard Details				
TR-1	Stop Sign and Street Name Signs			
TR-2	Roadside Sign Installation			
TR-3	Cul-De-Sac Signs and Markings			
TR-4	Intersection Striping			
TR-5	Standard Crosswalk			
TR-6	Crosswalk Markings and Stop Line Locations			
TR-6a	Mid Block Crosswalk - Low Risk			
TR-6b	Mid Block Crosswalk - Medium Risk			
TR-6c	Mid Block Crosswalk - High Risk			
TR-6d	Skewed Crosswalk - Single-Lane			
TR-6e	Skewed Crosswalk - Multi-Lane			
TR-7	Auxiliary Lane Striping and RPMs			
TR-8	Raised Pavement Markers			
TR-8a	Two-Way-Left-Turn-Lane Striping and RPMs			
TR-8b	Type DB RPMs			
TR-9	Hatch Lines			
TR-10	Accessible Parking Signs			
TR-10a	Accessible Parking Stalls - Perpendicular			
TR-10b	Accessible On-Street Parking - Approach to Intersection			
TR-10c	Accessible On-Street Parking - After a Driveway			
TR-10d	Accessible On-Street Parking - Before a Driveway			
TR-10e	Accessible On-Street Parking - Mid-Block			
TR-11	Loading Zone Signs and Markings			
TR-12	Speed Hump Signs and Markings			
TR-13	Zig-Zag Markings - Single-Lane			
TR-13a	Zig-Zag Markings - Multi-Lane			
TR-13b	Zig Zag Markings - On a Curve			
TR-14	Shark Teeth Enhanced Markings			
TR-15	Bridge Signs and Markings			
TR-16	School Zone Signs and Markings			
TR-16a	MUTCD Table 2C-4			
TR-17	Overhead Street Name Sign			
TR-17a	Overhead Street Name Sign Sample			
TR-18	Bike Lane Pavement Markings			
TR-19	EP Line Private Roads and Driveways - Light Traffic			
TR-19a	EP Line Private Roads and Driveways - Heavy Traffic			
TR-20	Traffic Division Maintenance Sticker			

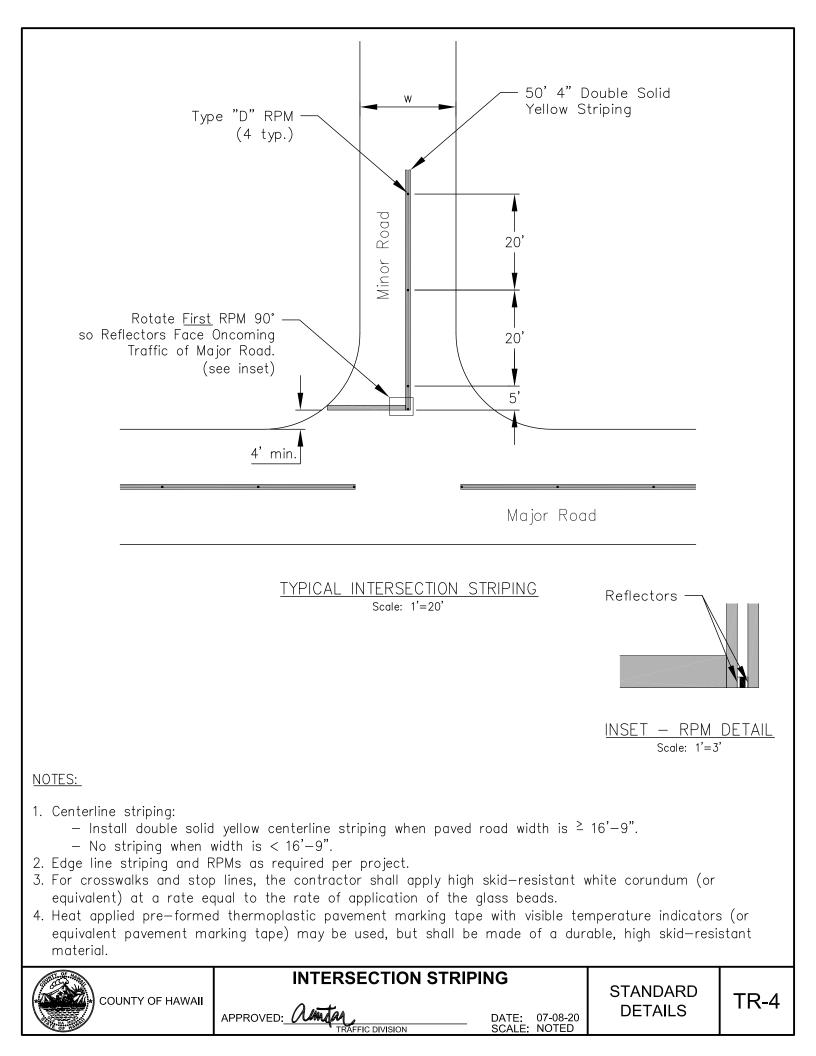


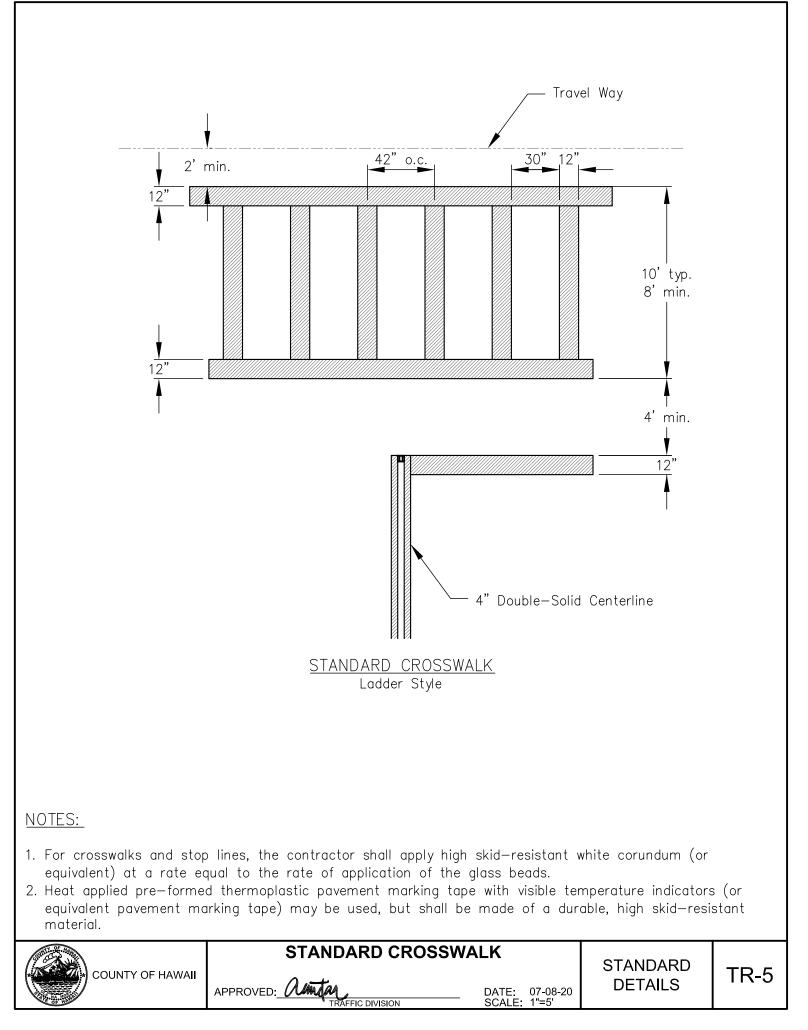


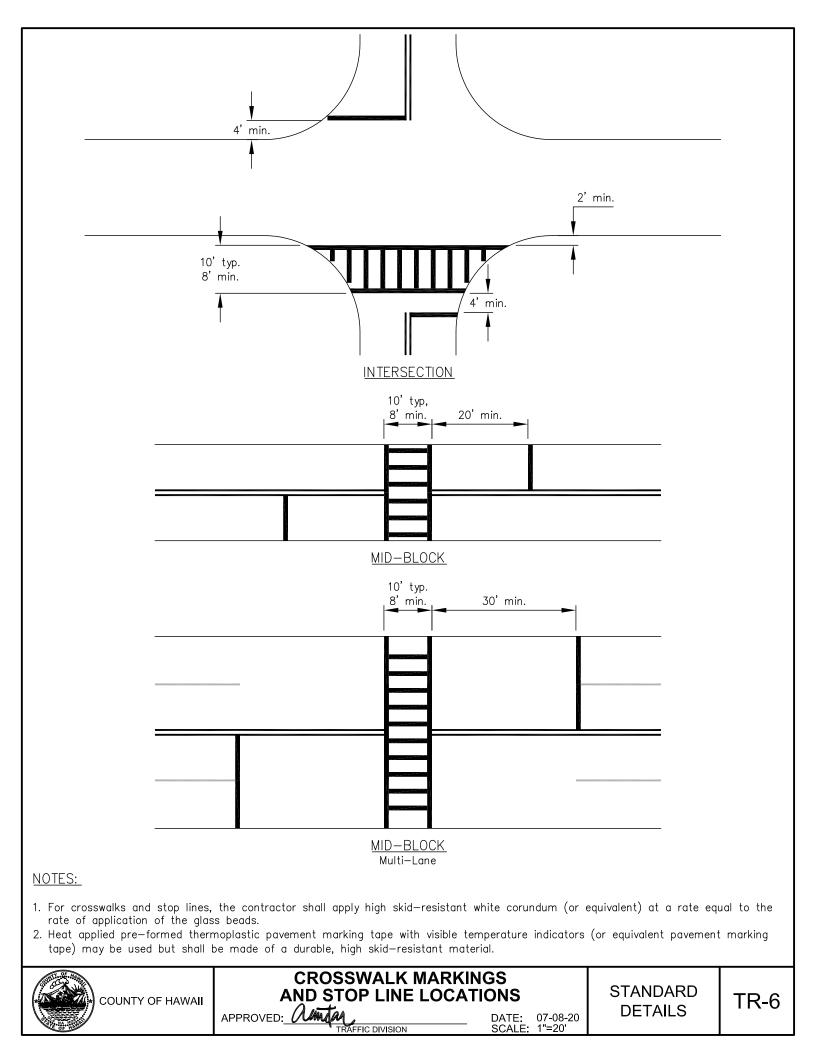


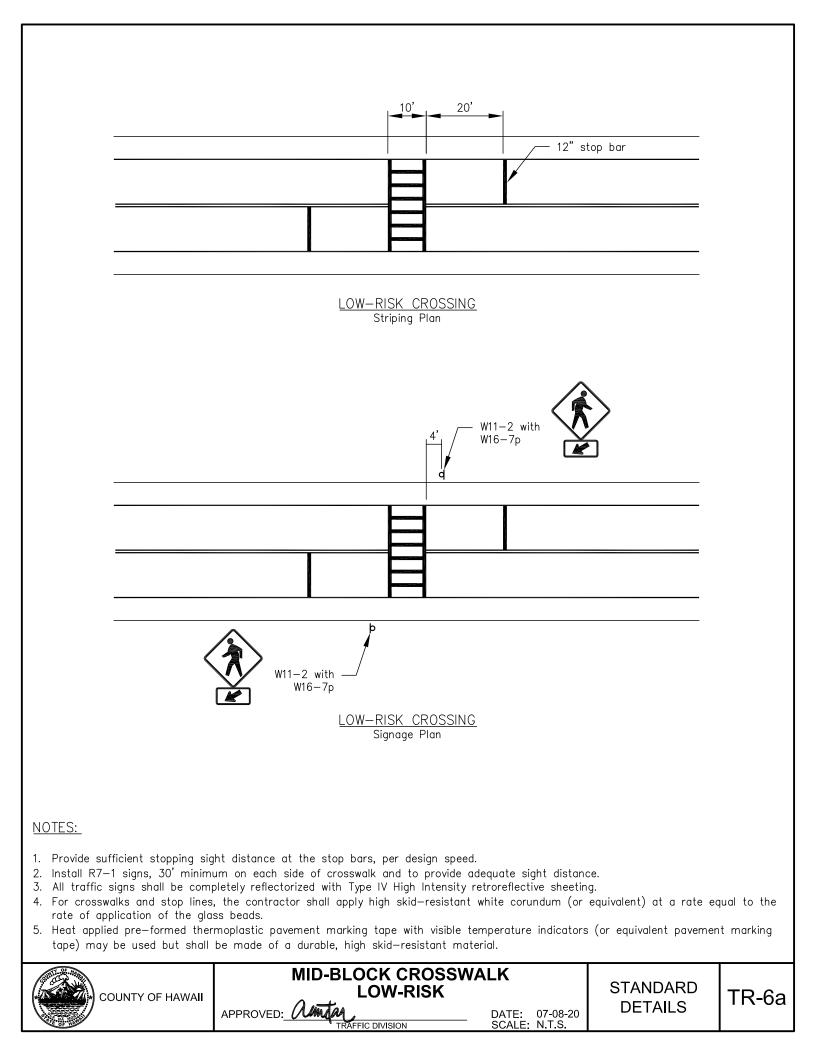
- 1. The use of R7-1 signs are site specific, with sign locations dependent on the lot frontages onto the cul-de-sac.
- 2. A W14-1 sign should be used if the end of the cul-de-sac cannot be easily seen from the through street.
- 3. All traffic signs shall be completely reflectorized with Type IV High Intensity retroreflective sheeting.
- 4. For crosswalks and stop lines, the contractor shall apply high skid-resistant white corundum (or equivalent) at a rate equal to the rate of application of the glass beads.
- 5. Heat applied pre-formed thermoplastic pavement marking tape with visible temperature indicators (or equivalent pavement marking tape) may be used, but shall be made of a durable, high skid-resistant material.

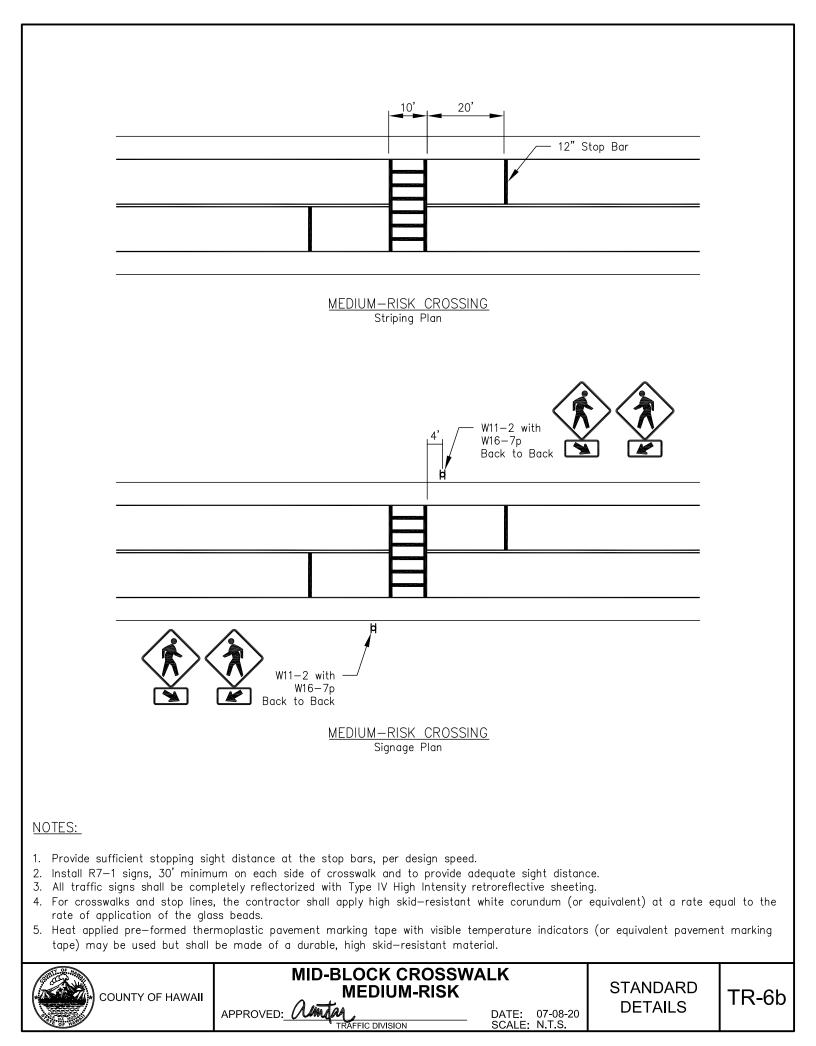


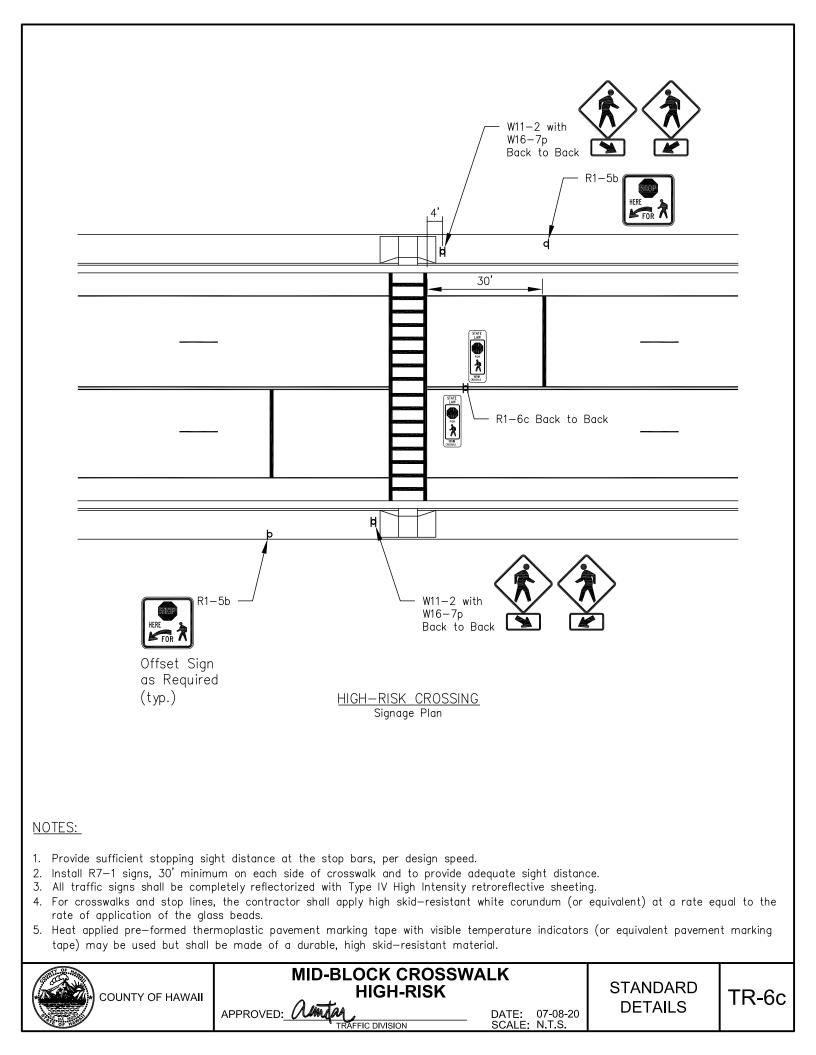


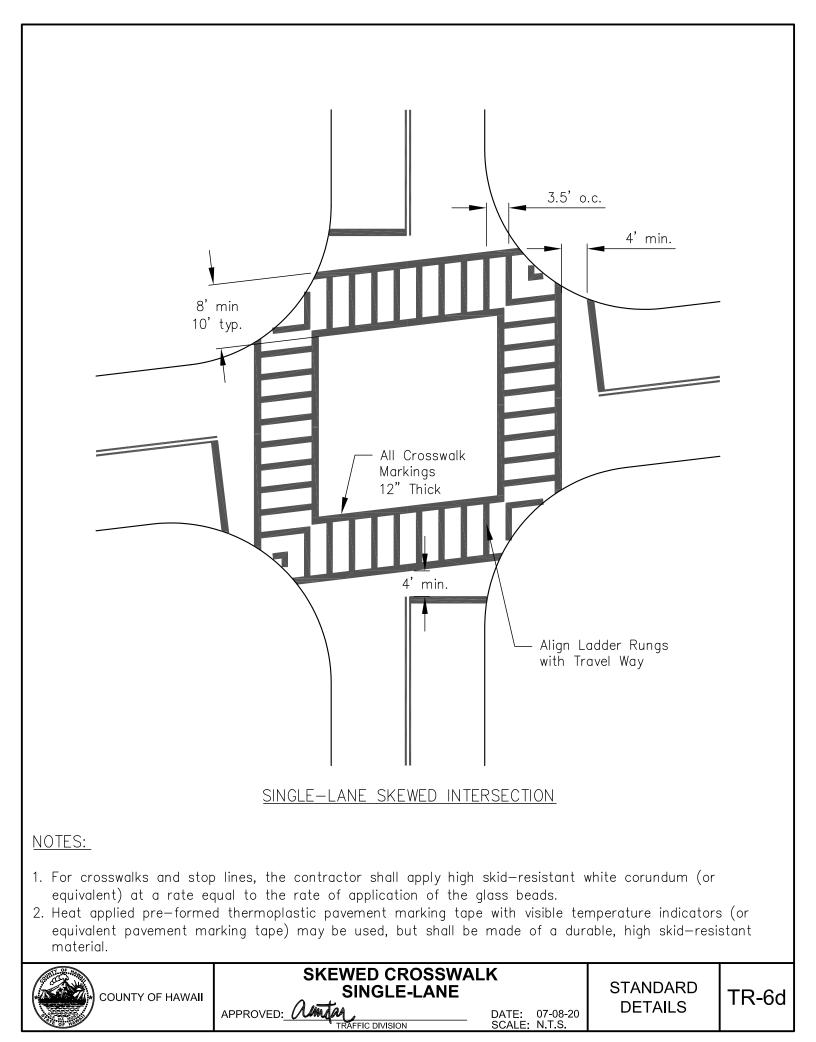


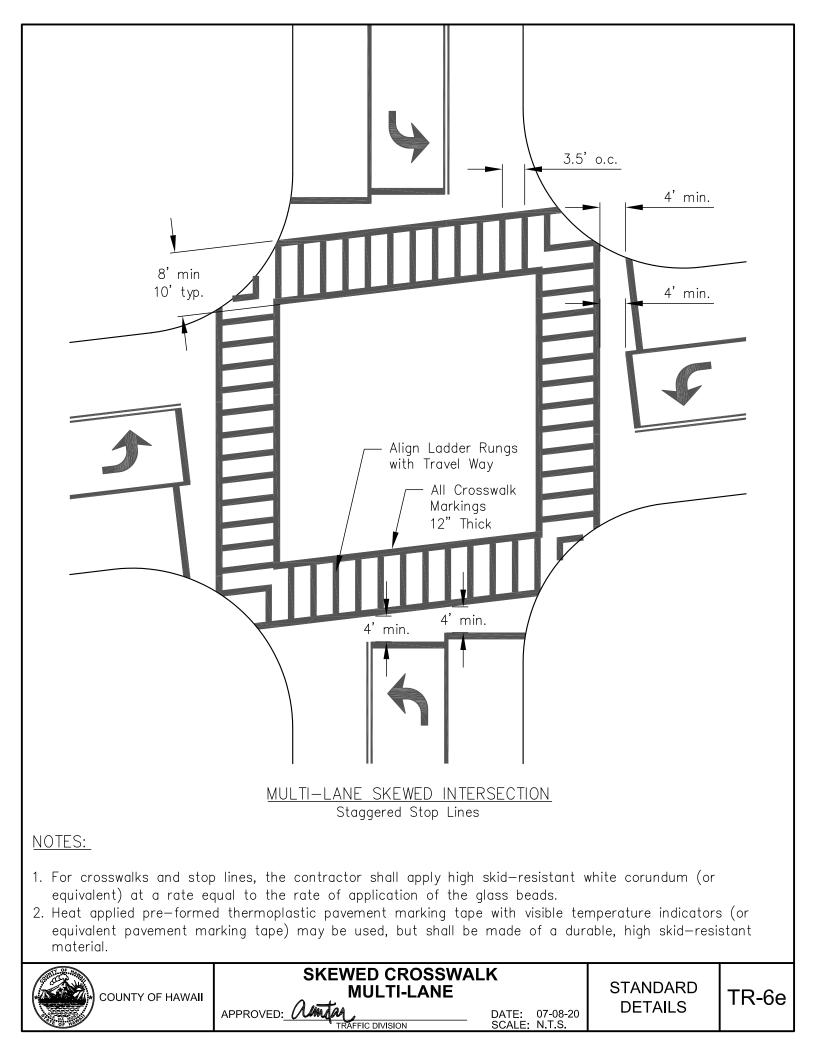


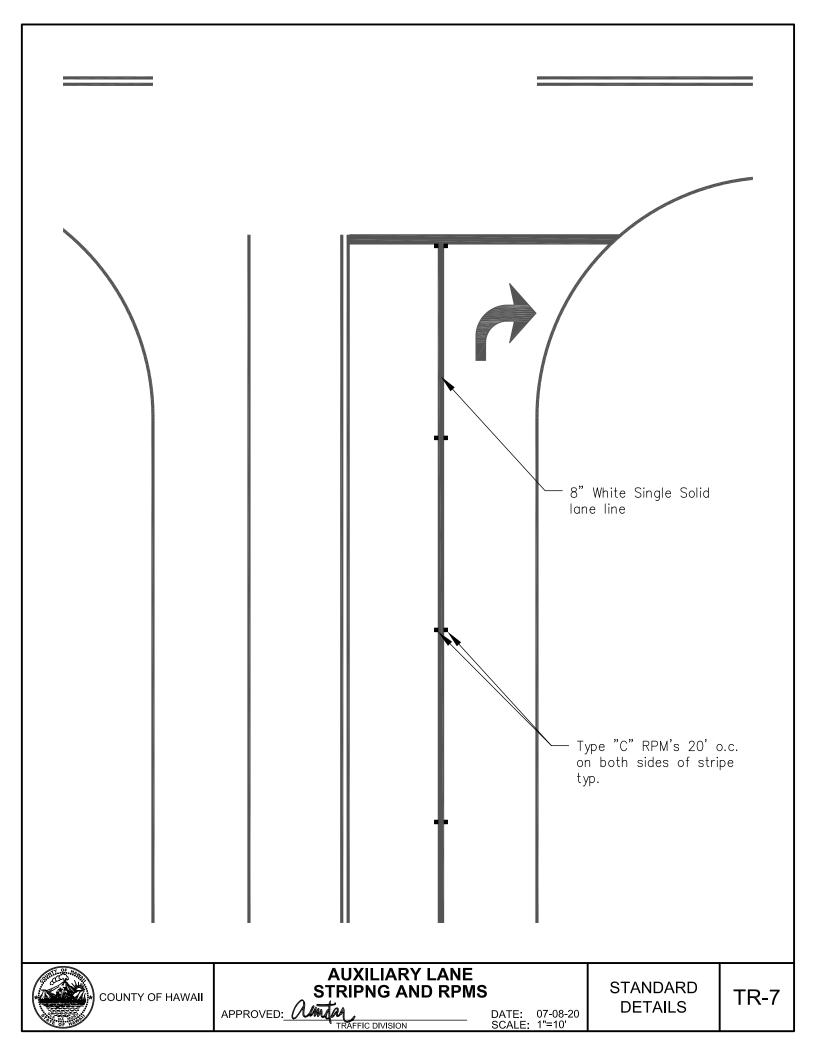


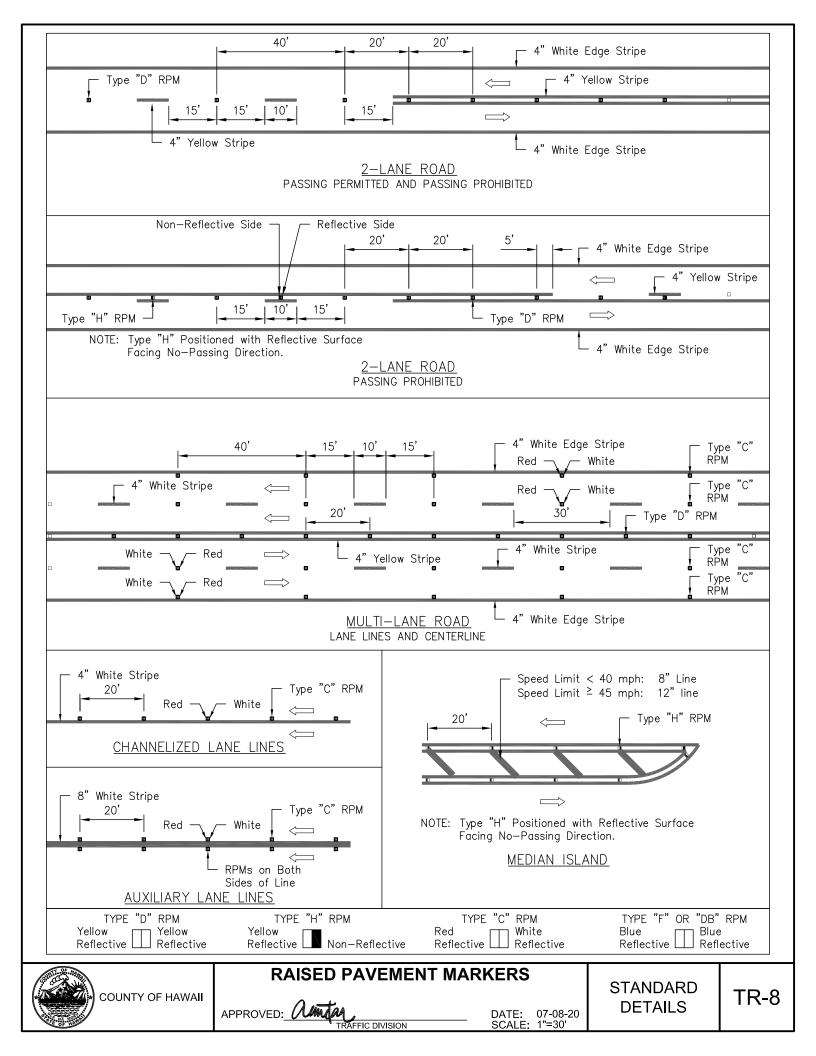


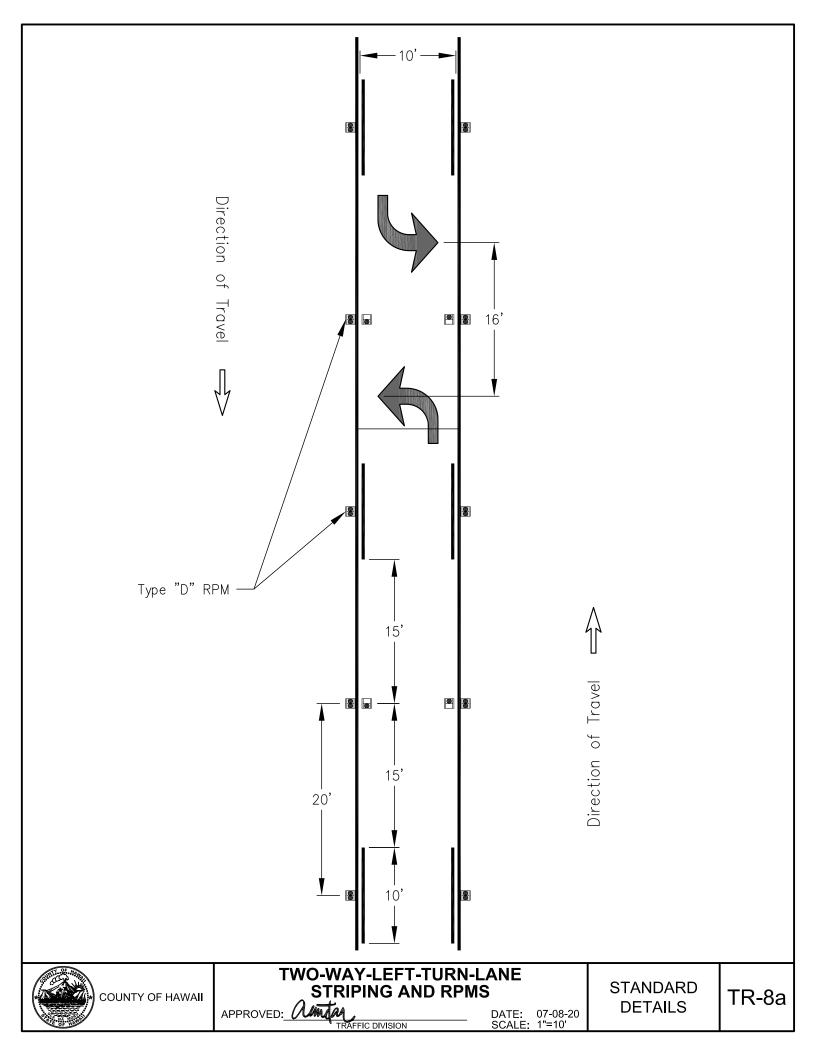


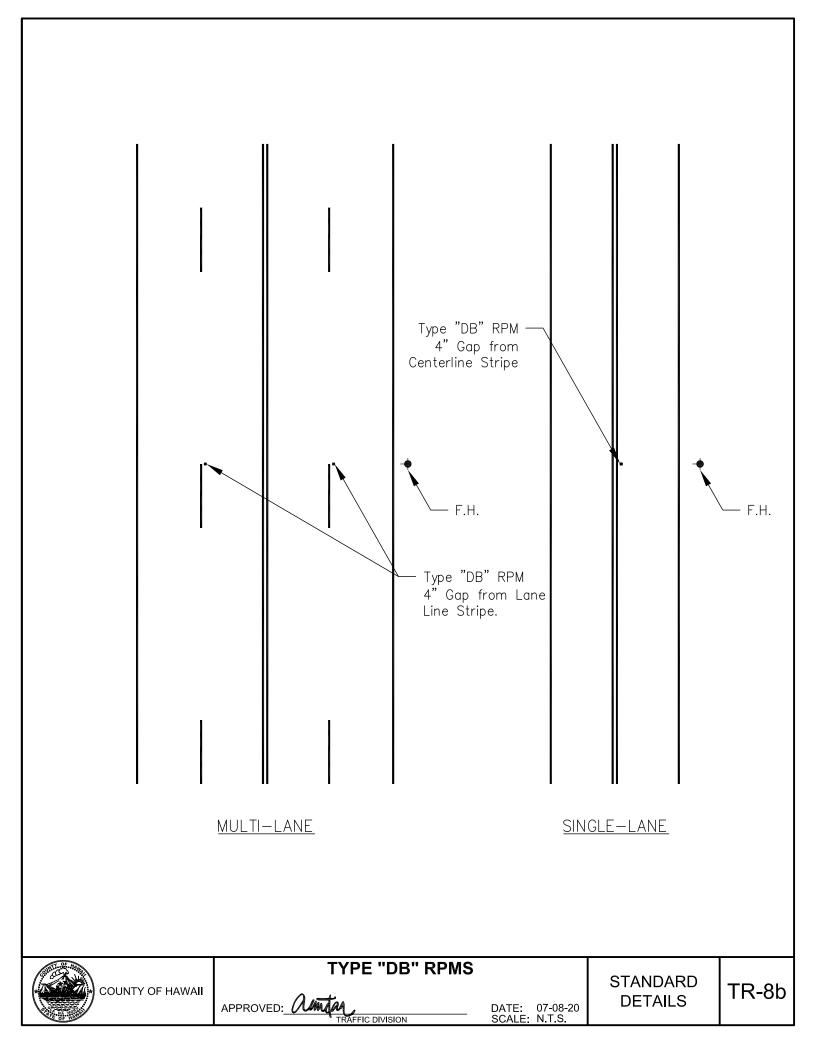


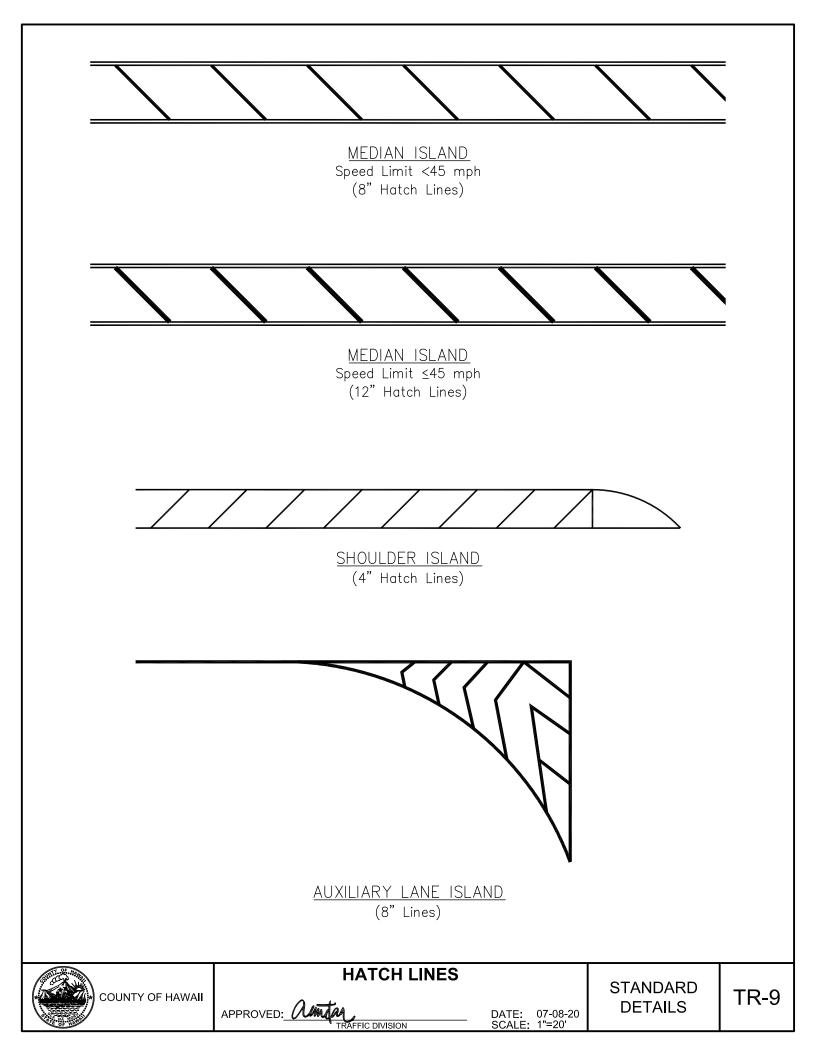


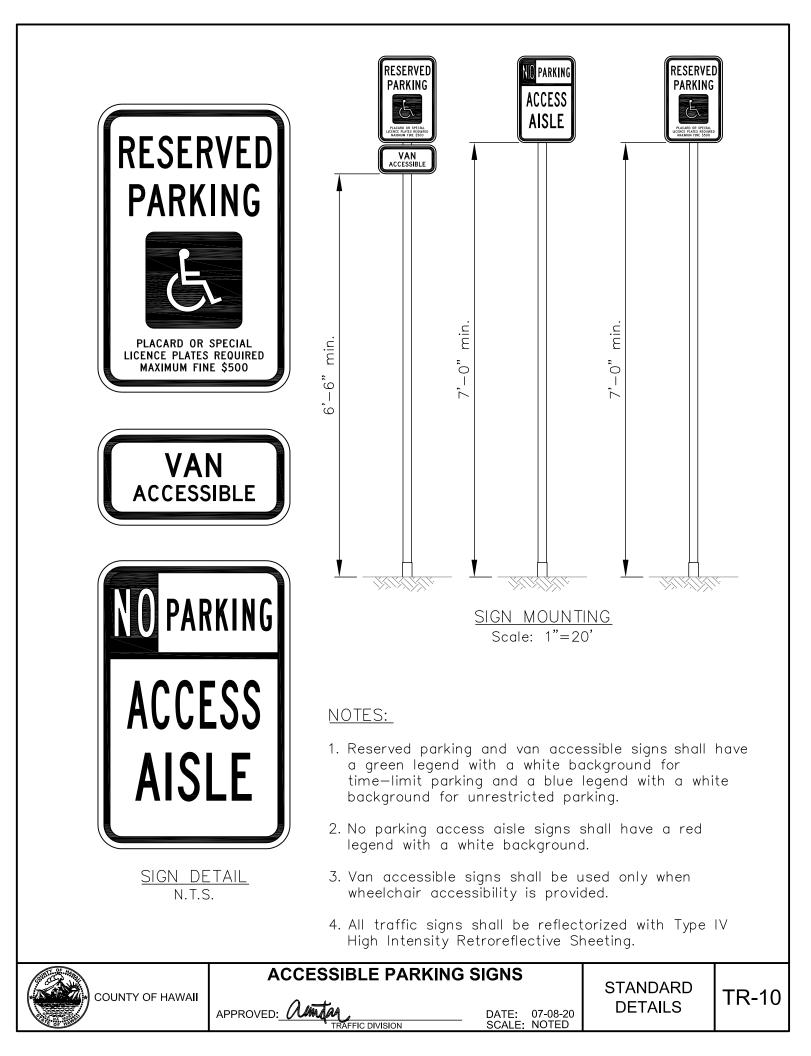


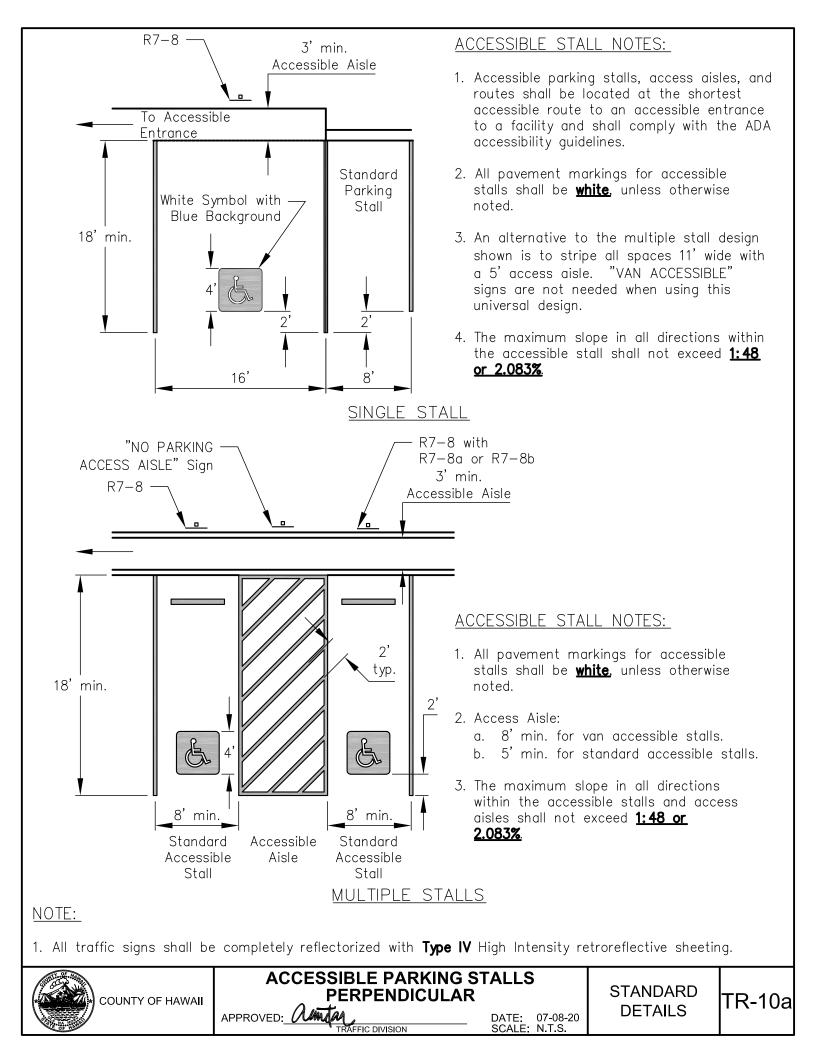


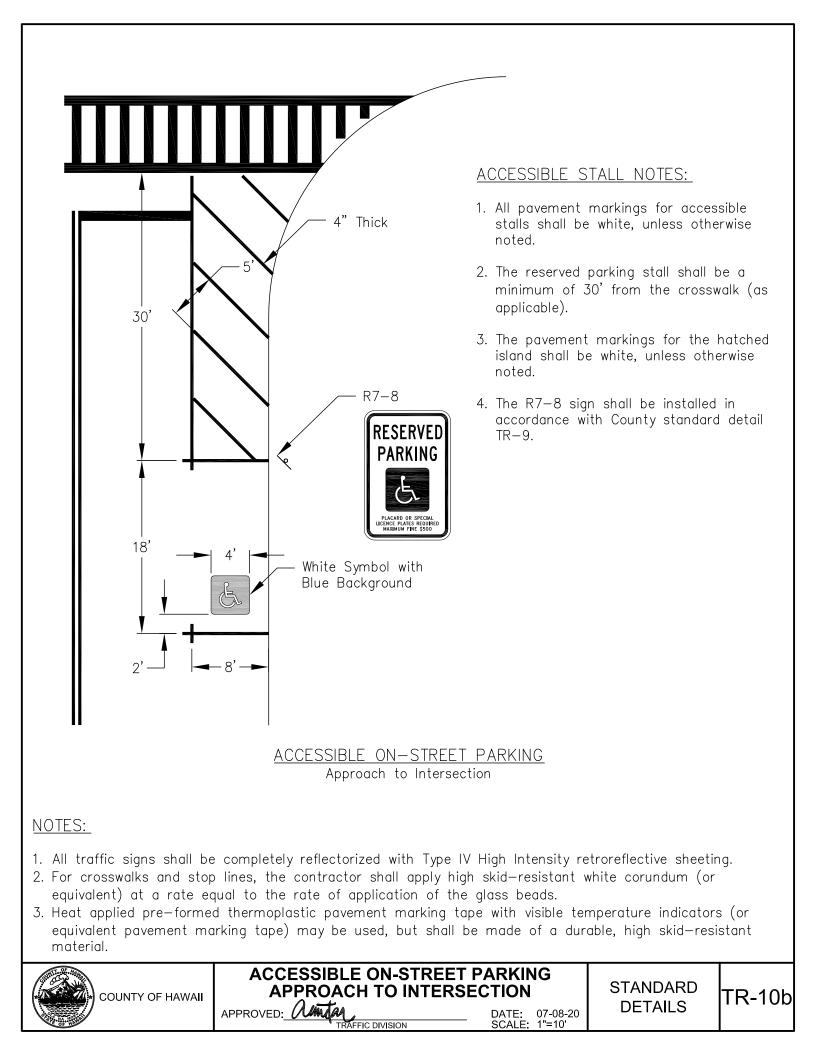


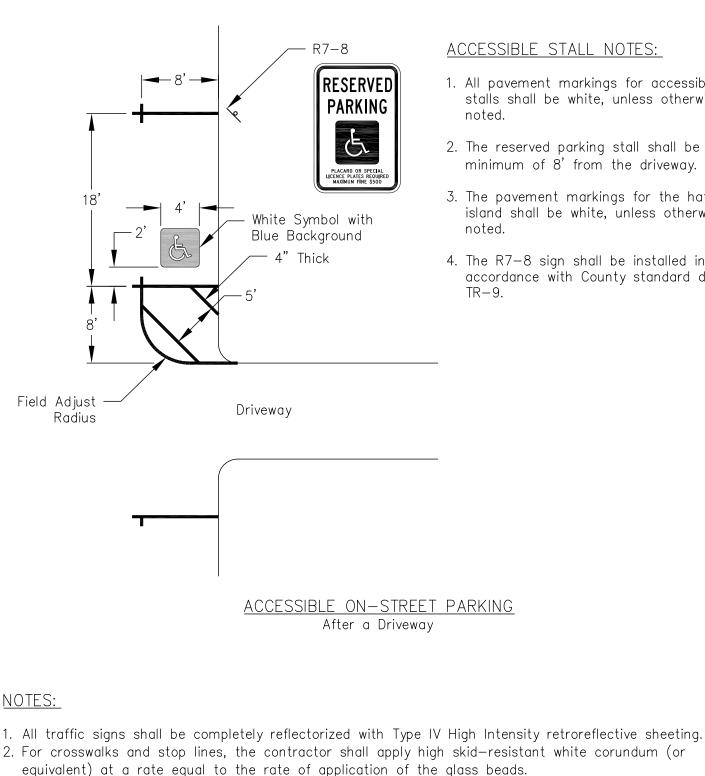










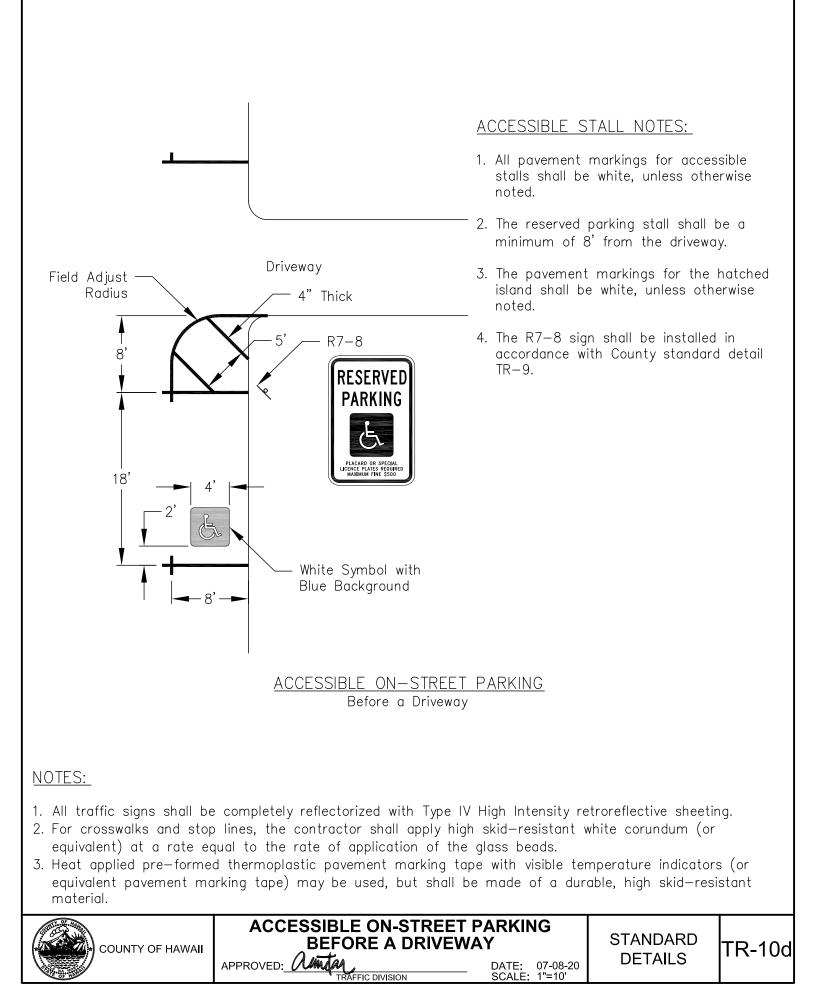


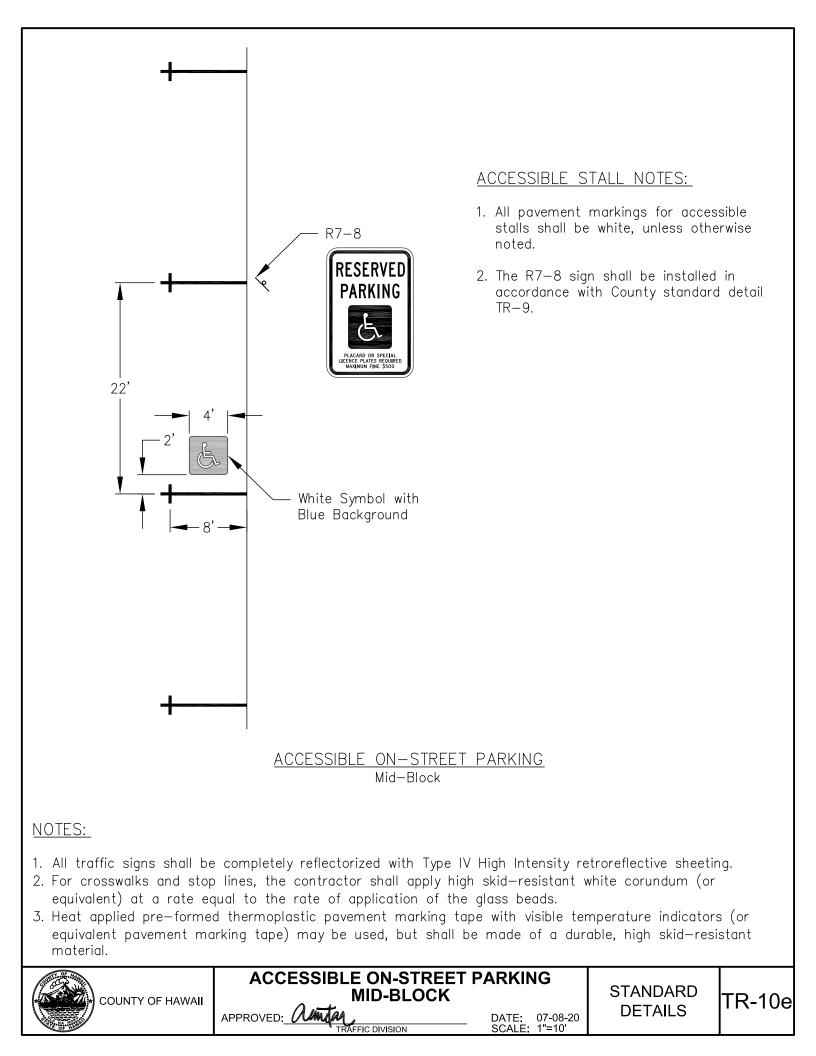
3. Heat applied pre-formed thermoplastic pavement marking tape with visible temperature indicators (or equivalent pavement marking tape) may be used, but shall be made of a durable, high skid-resistant material.

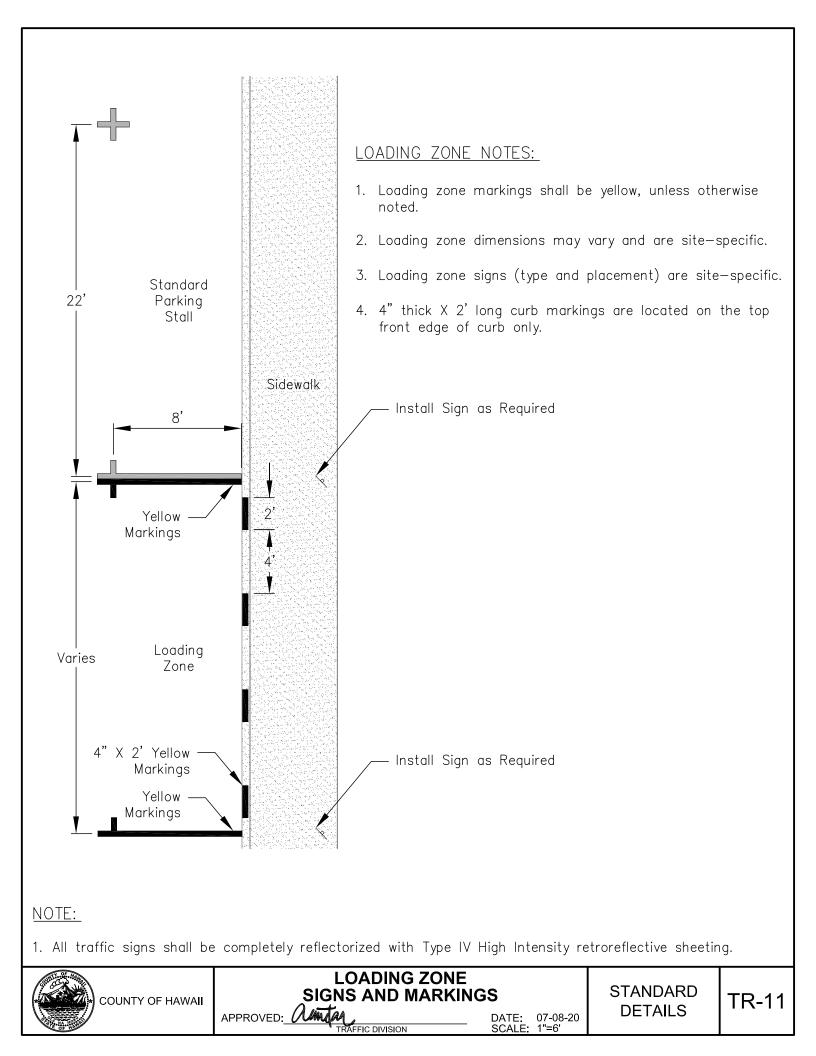


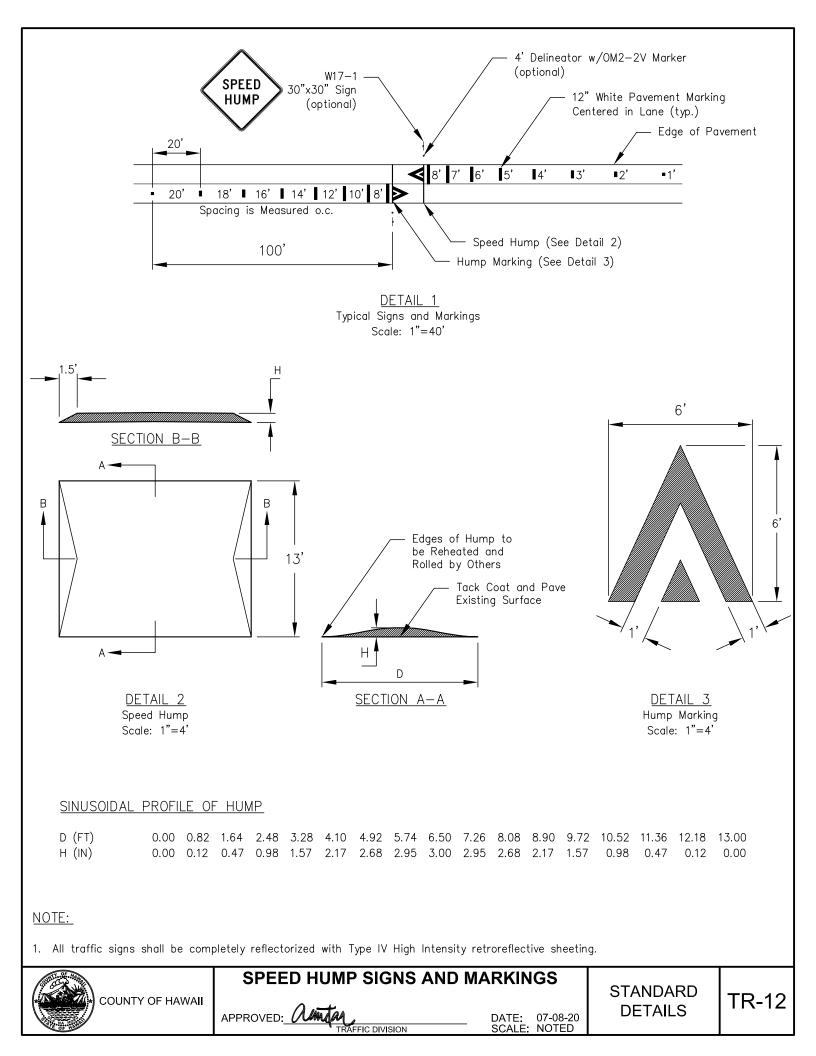
ACCESSIBLE STALL NOTES:

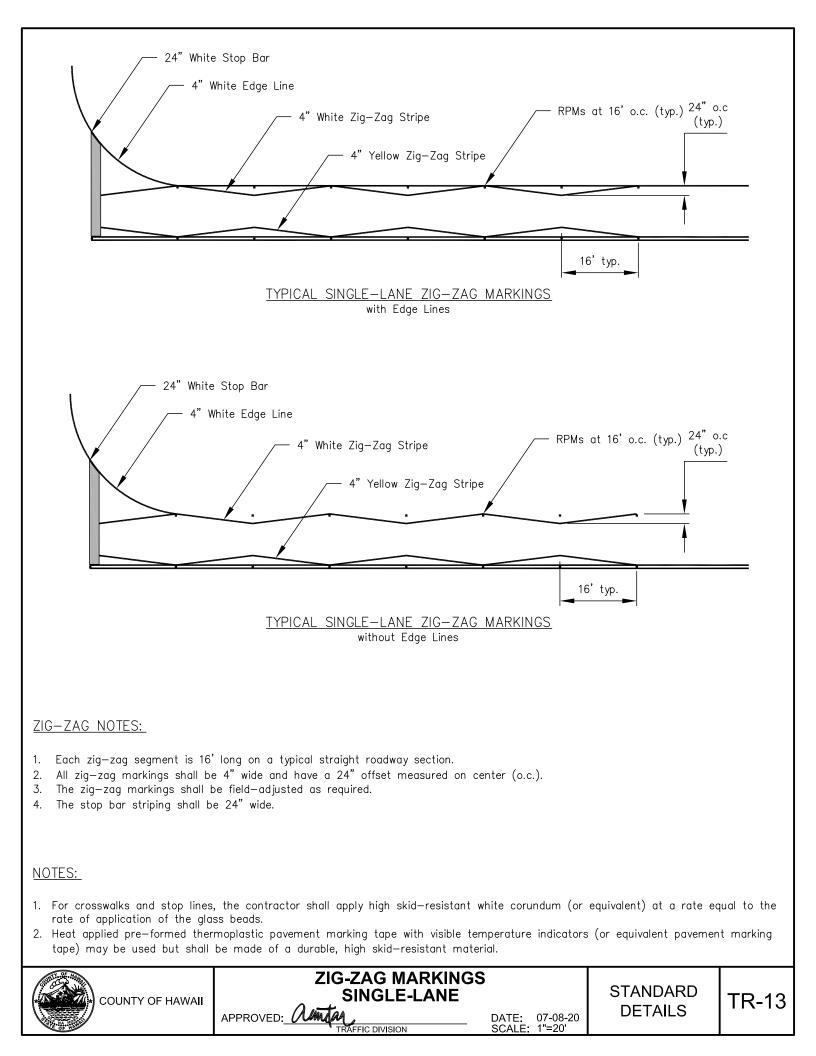
- 1. All pavement markings for accessible stalls shall be white, unless otherwise
- 2. The reserved parking stall shall be a minimum of 8' from the driveway.
- 3. The pavement markings for the hatched island shall be white, unless otherwise
- 4. The R7-8 sign shall be installed in accordance with County standard detail

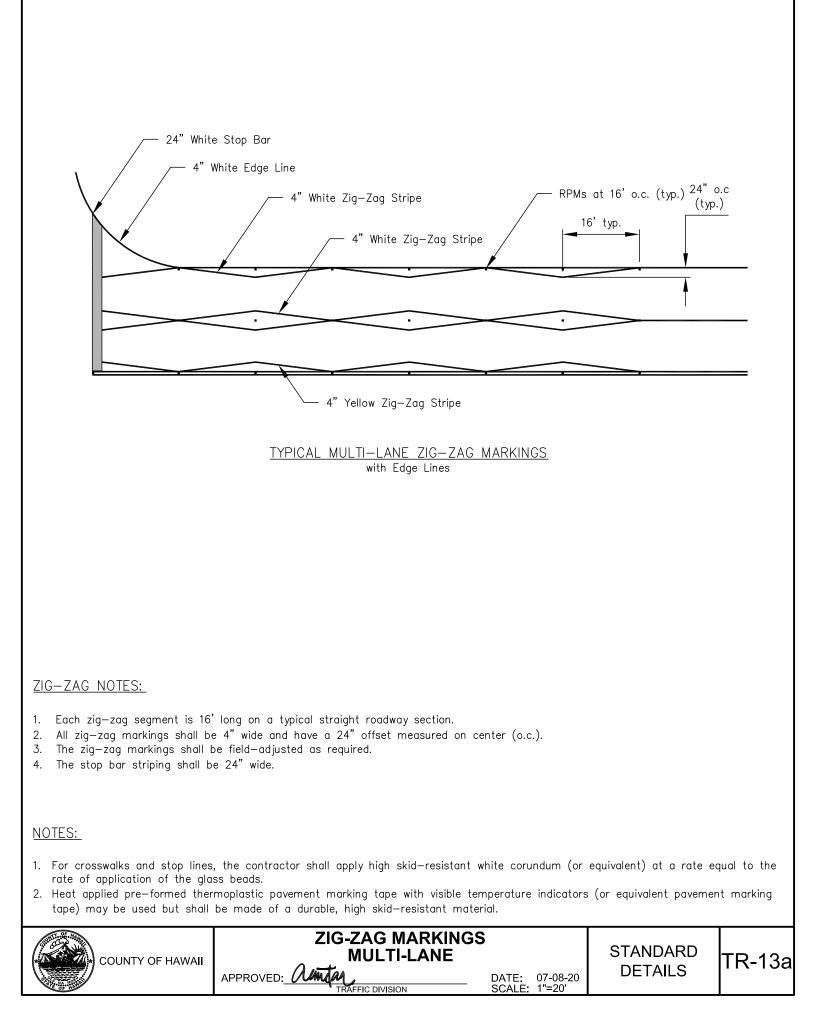


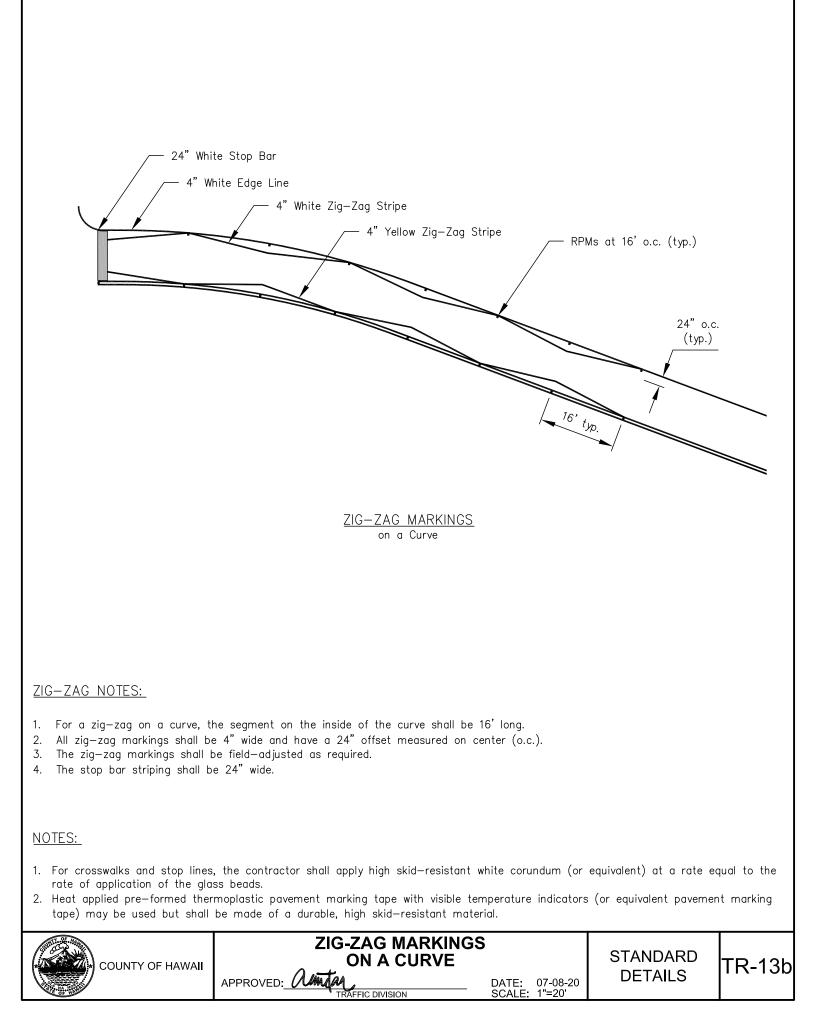


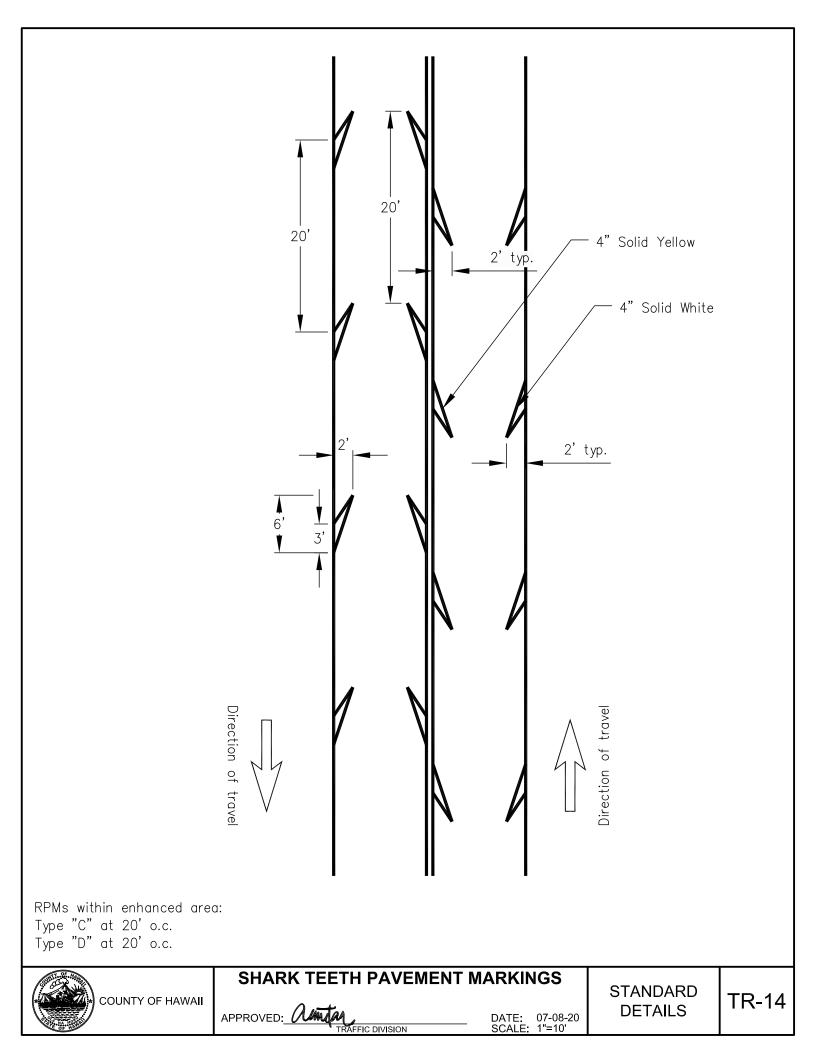


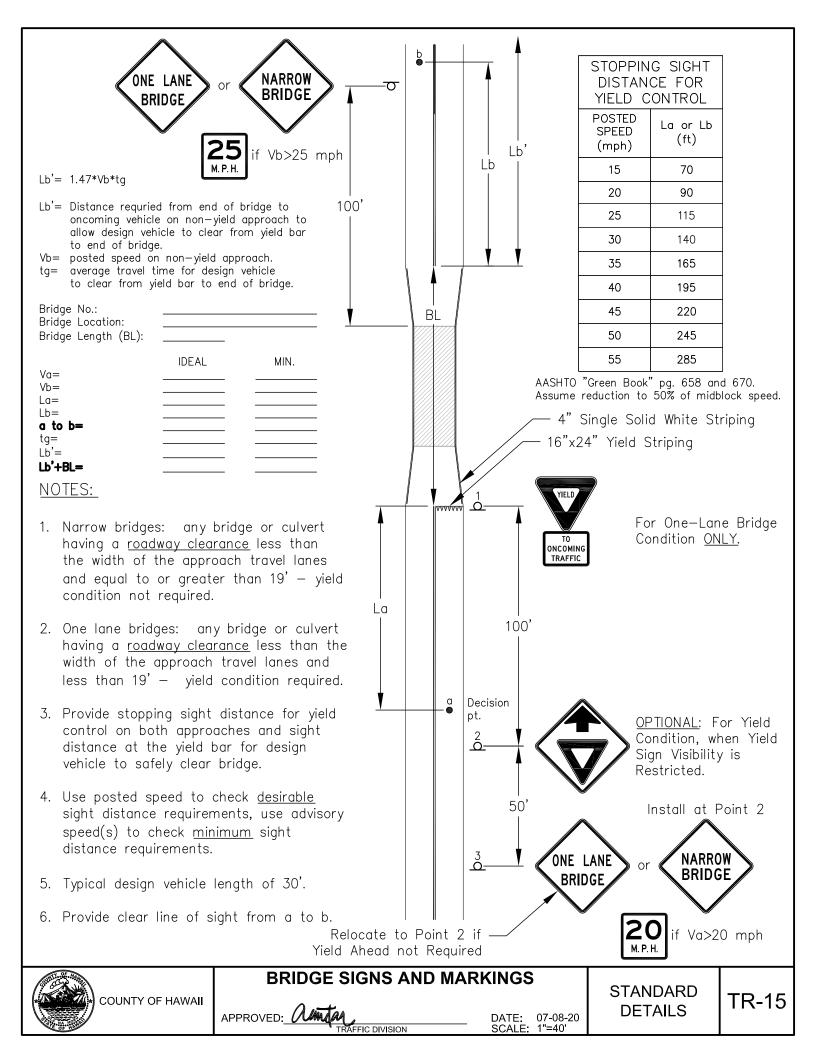


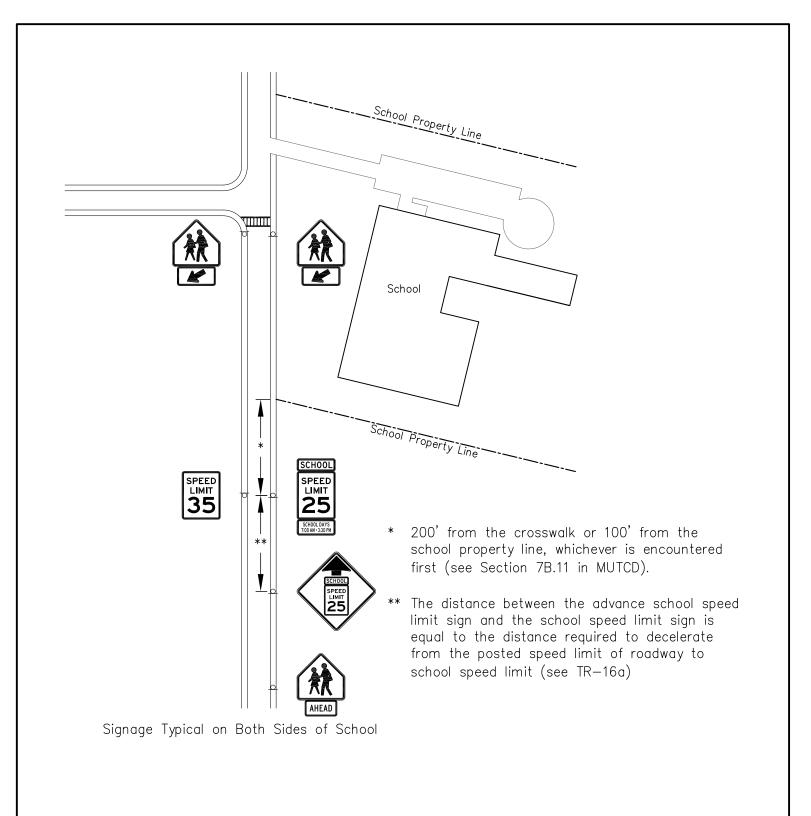












- 1. All traffic signs shall be completely reflectorized with Type IV High Intensity retroreflective sheeting.
- 2. For crosswalks and stop lines, the contractor shall apply high skid-resistant white corundum (or equivalent) at a rate equal to the rate of application of the glass beads.
- 3. Heat applied pre-formed thermoplastic pavement marking tape with visible temperature indicators (or equivalent pavement marking tape) may be used, but shall be made of a durable, high skid-resistant material.

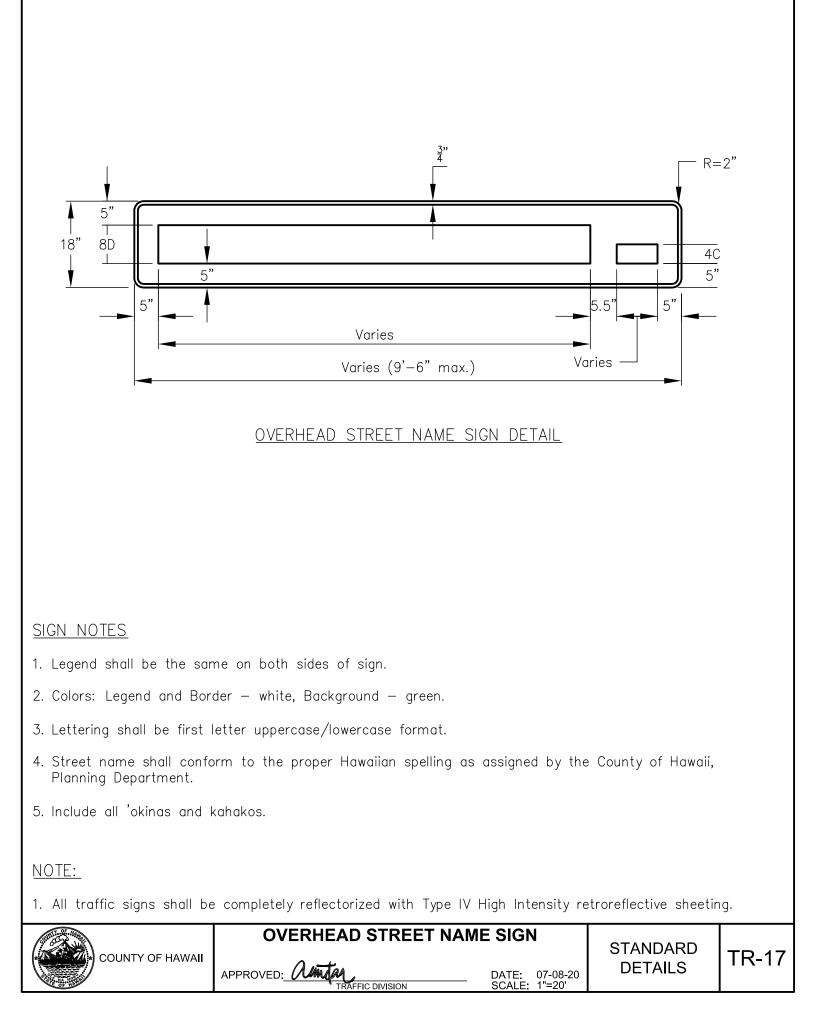


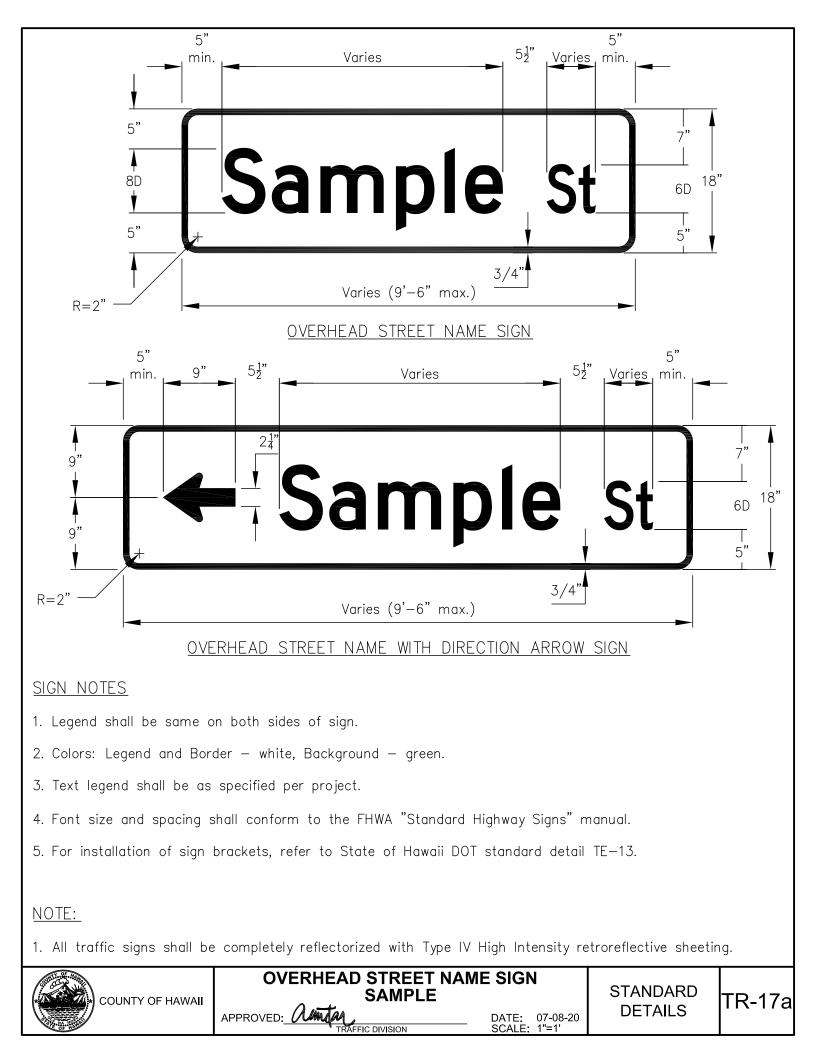
Table 2C-4: Guidelines for	Advance Placement of Signs		
20 mph	225 ft		
25 mph	325 ft		
30 mph	460 ft		
35 mph	565 ft		
40 mph	670 ft		
45 mph	775 ft		
50 mph	885 ft		
55 mph	990 ft		
60 mph	1,100 ft		
65 mph	1,200 ft		
70 mph	1,250 ft		
75 mph	1,350 ft		

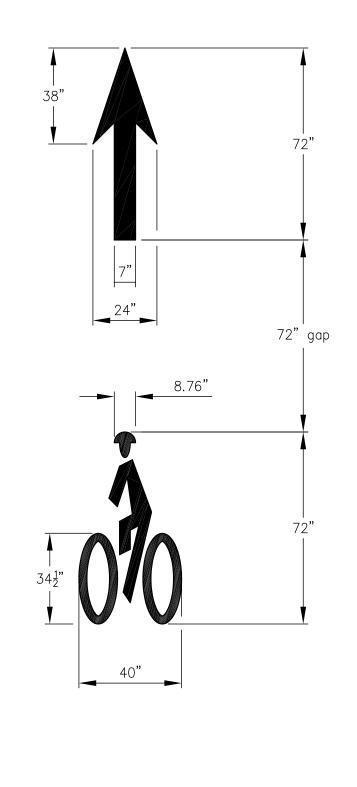




APPROVED: TRAFFIC DIVISION

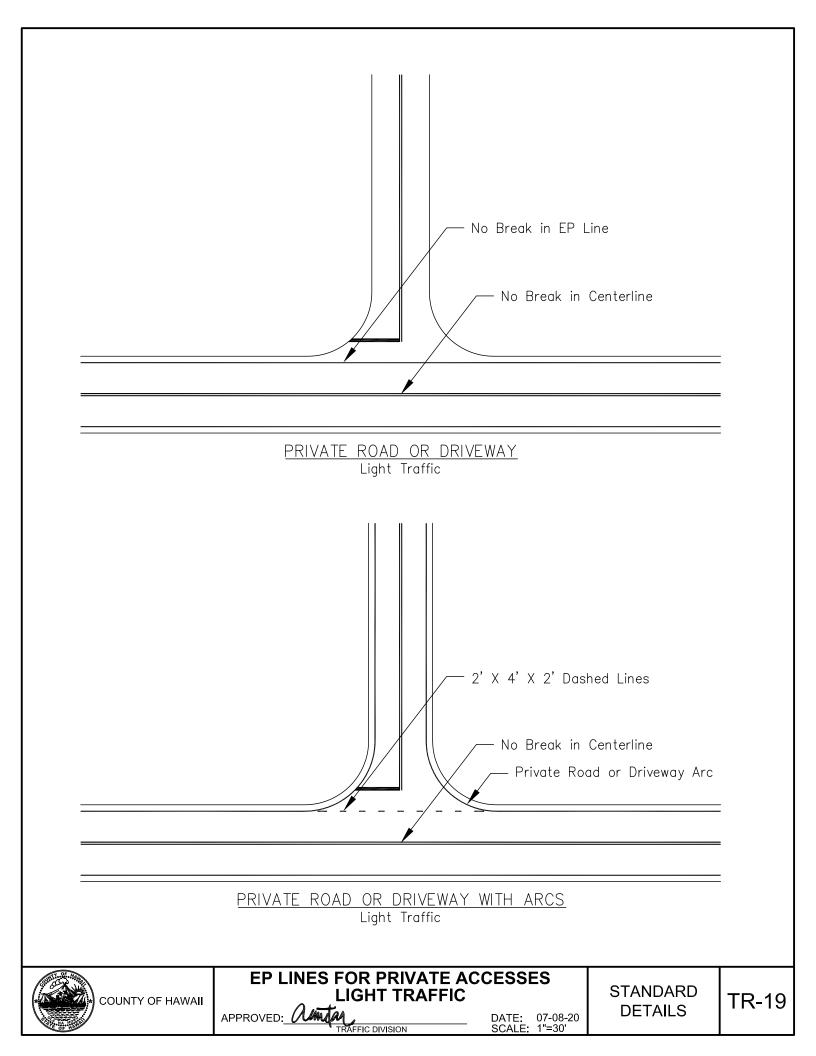


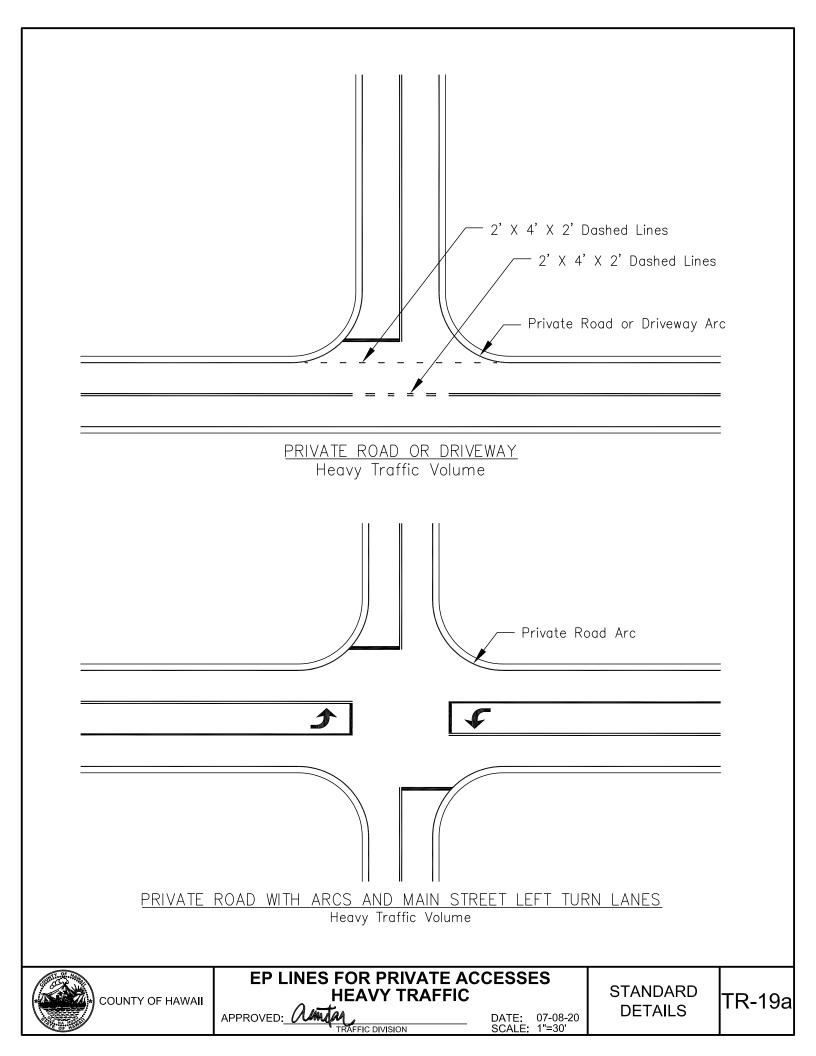


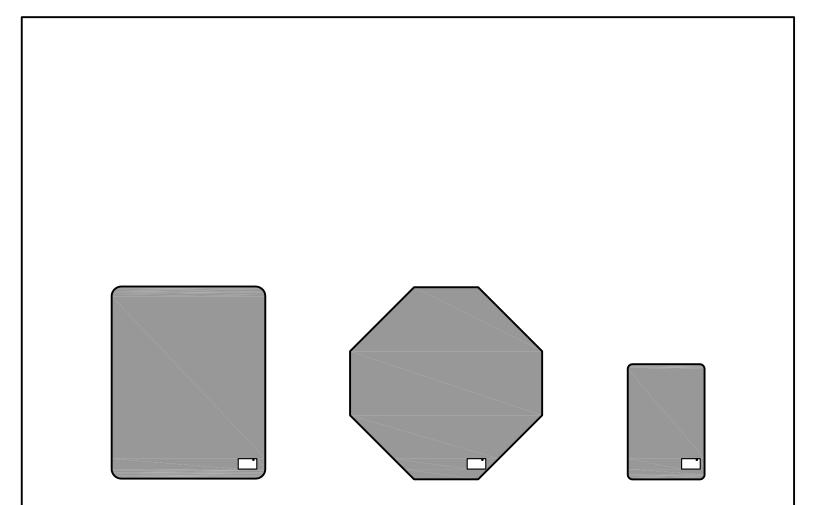


1. Heat applied pre-formed thermoplastic pavement marking tape with visible temperature indicators (or equivalent pavement marking tape) shall be used for all bike lane symbols and legends and shall be made of a durable, high skid-resistant material.









- 1.
- 2.
- Install Traffic Division maintenance sticker on the back of each single sided sign. Stickers shall be placed on the bottom right hand corner of the sign. Notch out the number that coincides with the month that the sign was installed on. 3.

COUNTY OF HAWAII	APPROVED: TRAFFIC DIVISION MAINTENANCE STICKER APPROVED: DATE: 07-08-20 SCALE: N.T.S.	STANDARD DETAILS	TR-20
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