




Pedestrian Island: 12-foot Turn Lane Installation Guide



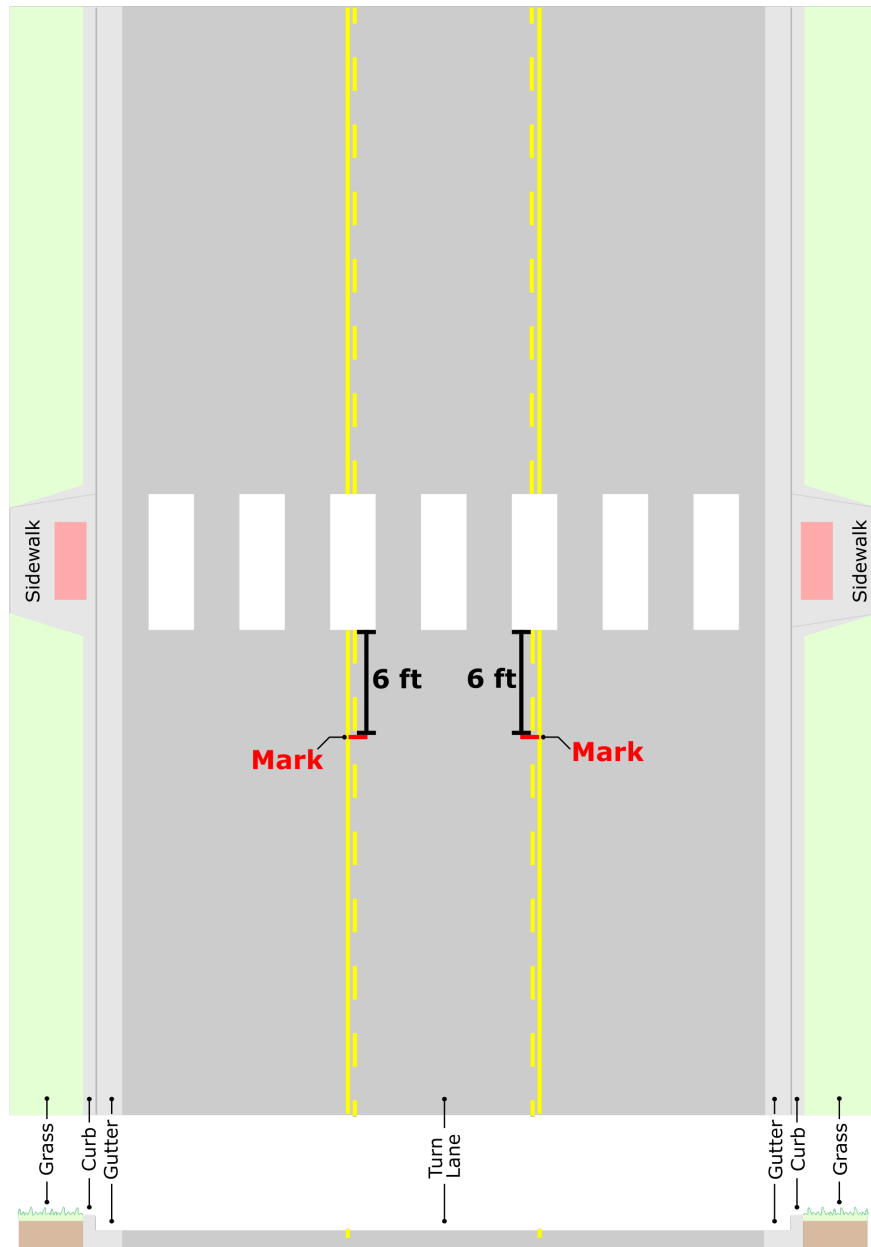
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Paint			
Item	# Needed	Details	Item info.
White Tempera Paint	2	16-ounce bottle	<ul style="list-style-type: none"> Art-Time Washable Tempera Paint Available in store or online 
Yellow Tempera Paint	2	16-ounce bottle	
Red Tempera Paint	2	16-ounce bottle	
Black Tempera Paint	1	16-ounce bottle	
Corn Starch	1	16-ounce container	

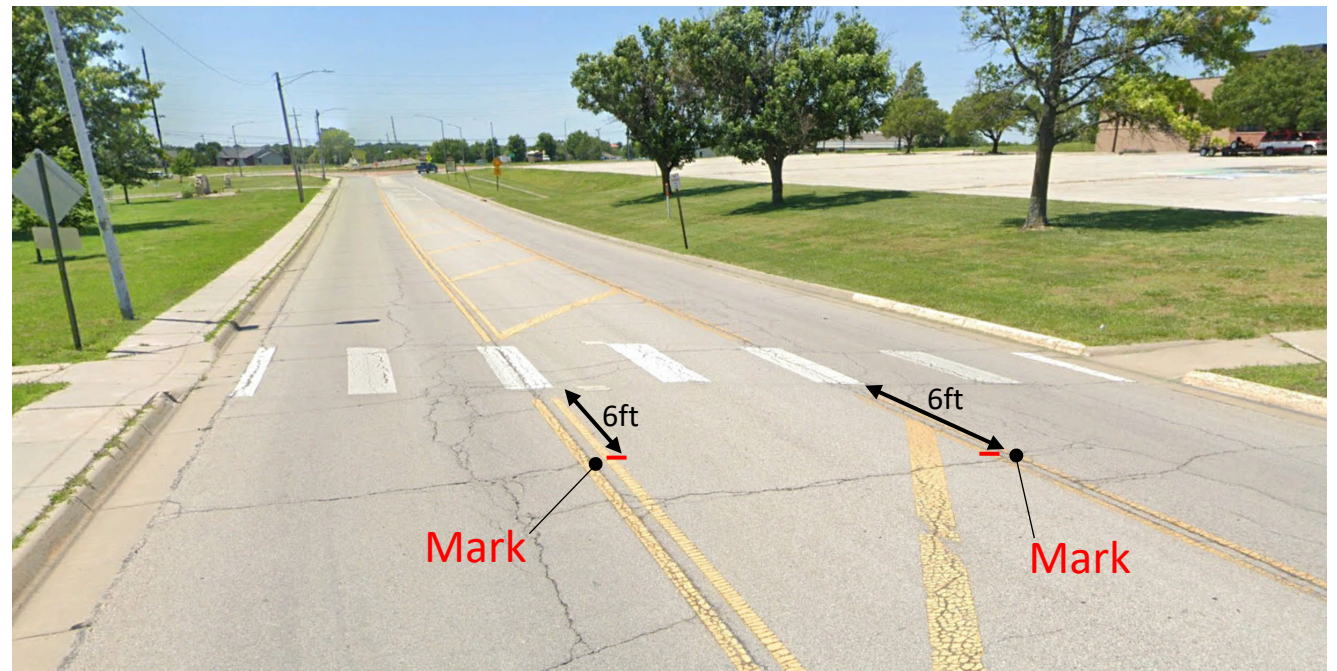
Delineator Posts				
Item	# Needed	Details	Company to Order from: Item #	Phone Number
Flexible Delineators w/ Bases	14	36" Flexible Post with base (Yellow)	Uline: H-7959	800-295-5510
Butyl Pads	7	8" Diam. Butyl Adhesive Pad	Uline: H-4467	800-295-5510

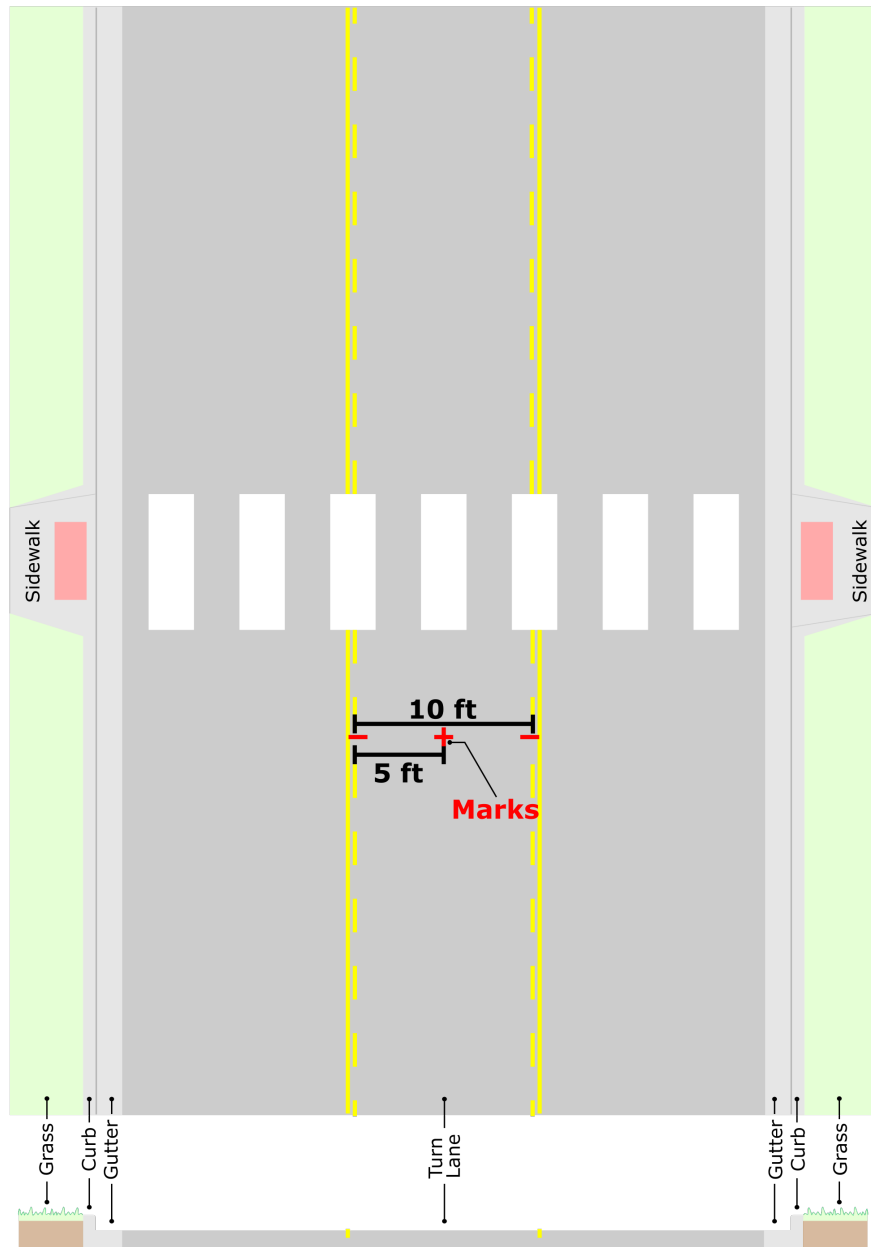
- Two to three people
- High visibility safety vests (one per person)
- Tape Measure (25 feet)
- Chalk (a few pieces of kid's chalk work fine)
- Two 4-inch paint roller frame
- 4-inch roller covers (semi-smooth nap)
- 9-inch paint roller frame
- 9-inch roller covers (semi-smooth nap)
- Extension handle for paint roller
- *Four 5-Gallon buckets (at least one with a lid for water)
- Trash bags
- Gloves
- Utility knife
- Broom
- Whisk (for mixing paint)
- Rubber scraper/spatula (for paint)

*2.5 gallons of water is needed to make the maroon infill paint. Water can be brought in the fourth bucket with a lid if water is not available on site.

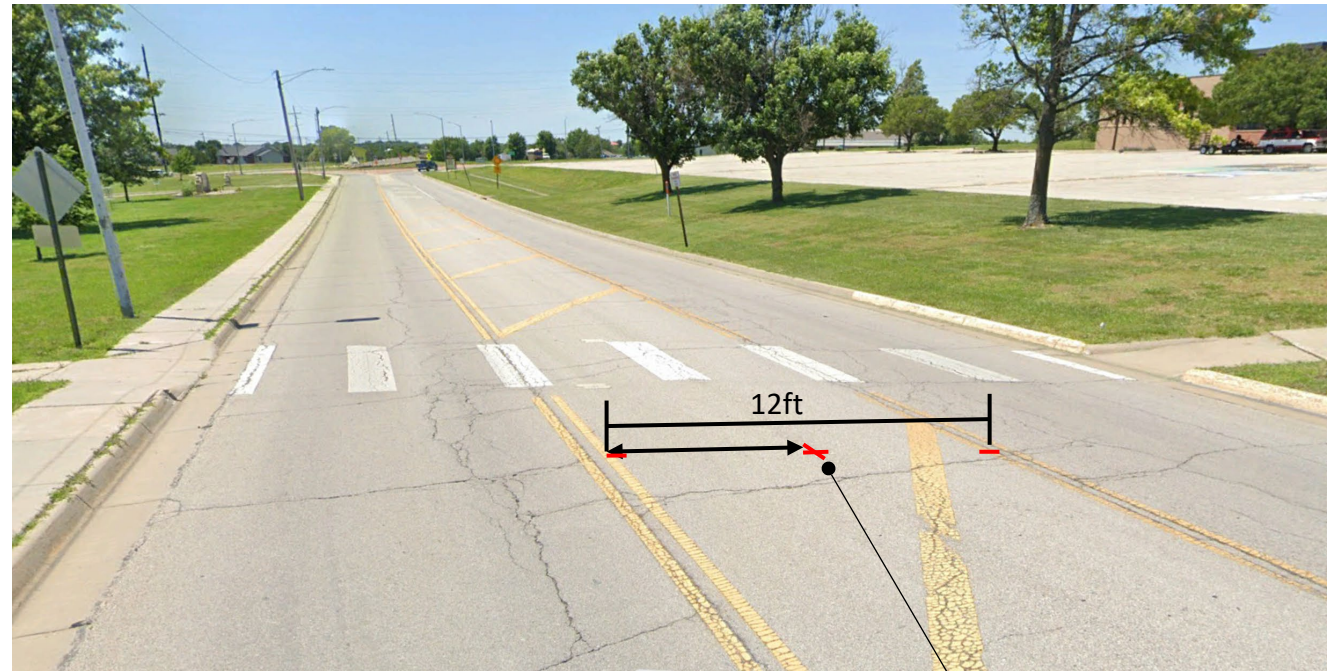


- From where the inside yellow stripe meets the crosswalk, measure **6 feet** away from the crosswalk along the yellow line
- Mark the location with chalk
- Repeat on the opposite yellow line





- Find the centerline of the turn lane by measuring the distance between the yellow striping at the chalk marks just made
- Divide this measurement by 2, which will be the centerline
- Mark the centerline location with chalk to make a “+”



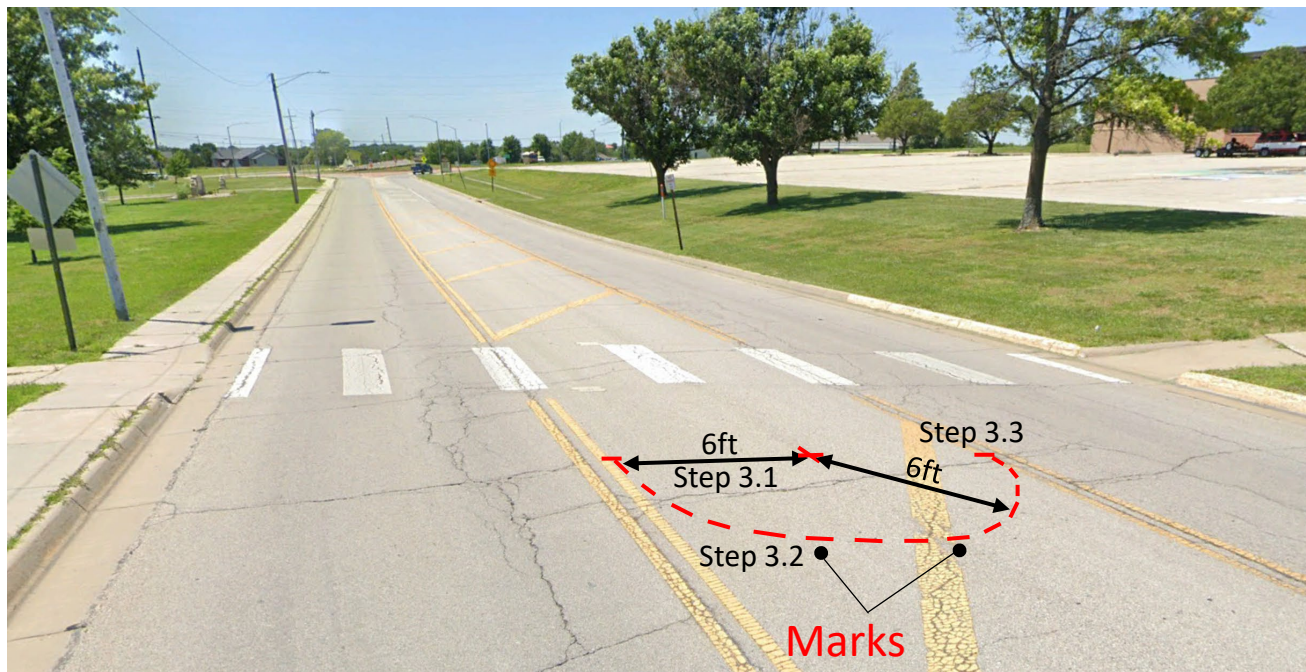
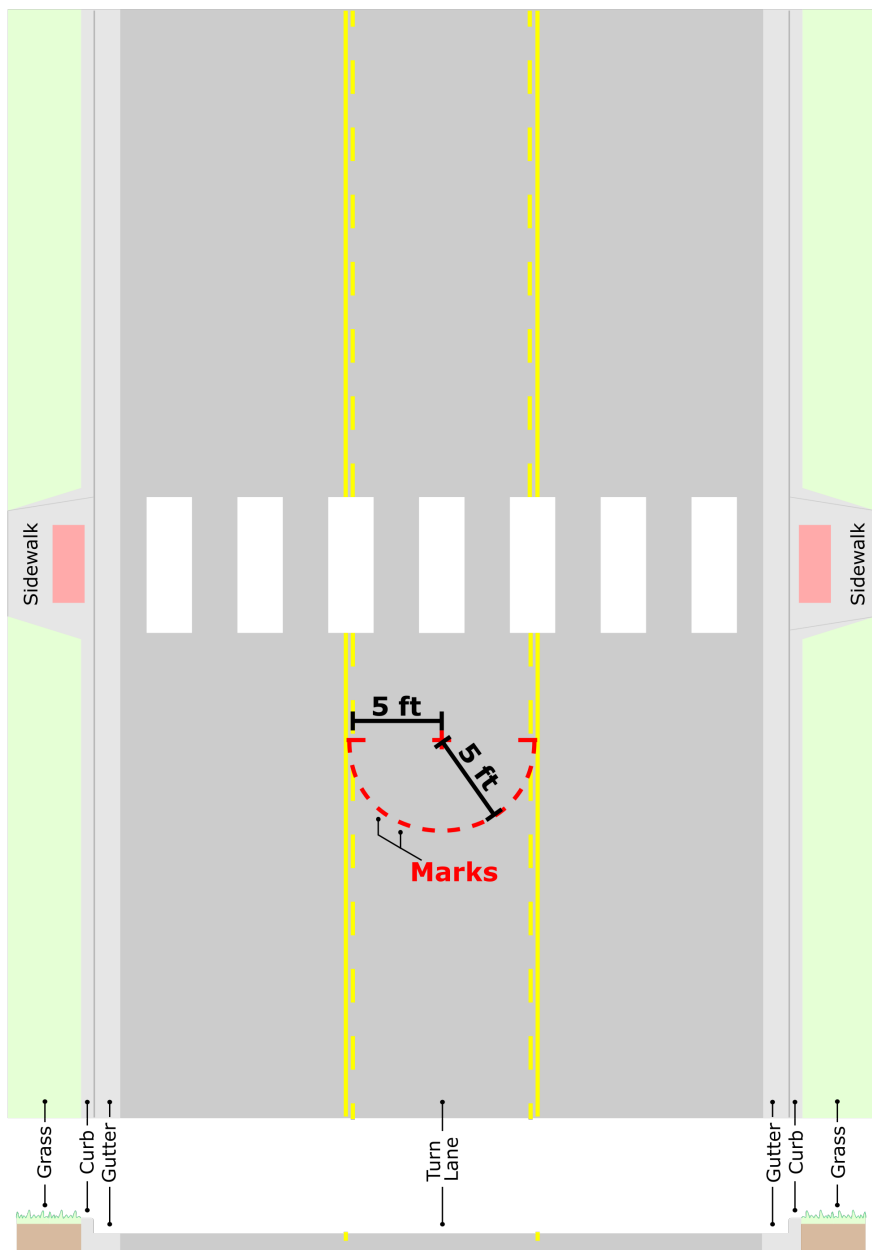
Ex: 12 ft \div 2 = 6ft (centerline mark)

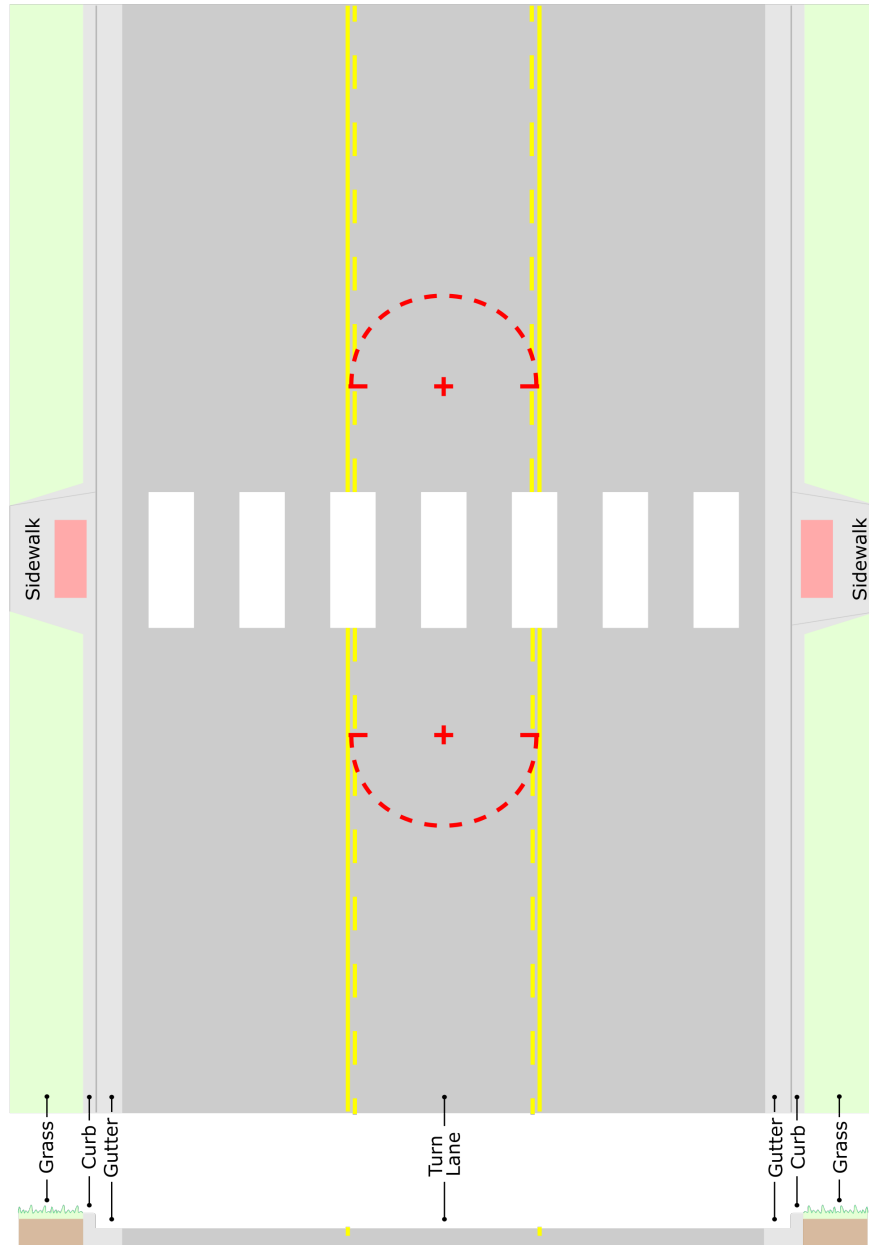
Step 3: Drawing an Arc

Step 3.1 - One person holds the end of the tape measure on the “+” centerline mark, while the other person extends the tape to the yellow striping (i.e. 6 feet)

Step 3.2 - The second person, then slowly moves in an arc towards the centerline dragging the tape measure on ground, stopping every 6-12 inches to make a mark with chalk at the 6-foot mark (see red dashes below)

Step 3.3 - When the second person reaches the opposite yellow stripe, a semi-circle will be chaked out in the turn lane





- Repeat steps 1-3 on the other side of the crosswalk.
- The result will be two matching arcs on either side of the crosswalk; this will be the shape of your ped island.



White Striping Paint

White
Tempera
Paint

32 ounces
(two 16-oz bottles)

Corn
Starch

1 cup

Pour into
& mix



Note: Paint will be thick

Apply with

4-inch roller and
extension handle



Sweep

(to remove any
dirt/debris on road)



Yellow Striping Paint

Yellow
Tempera
Paint

32 ounces
(two 16-oz bottles)

Corn
Starch

1 cup

Pour into
& mix



Note: Paint will be thick

Apply with

4-inch roller and
extension handle

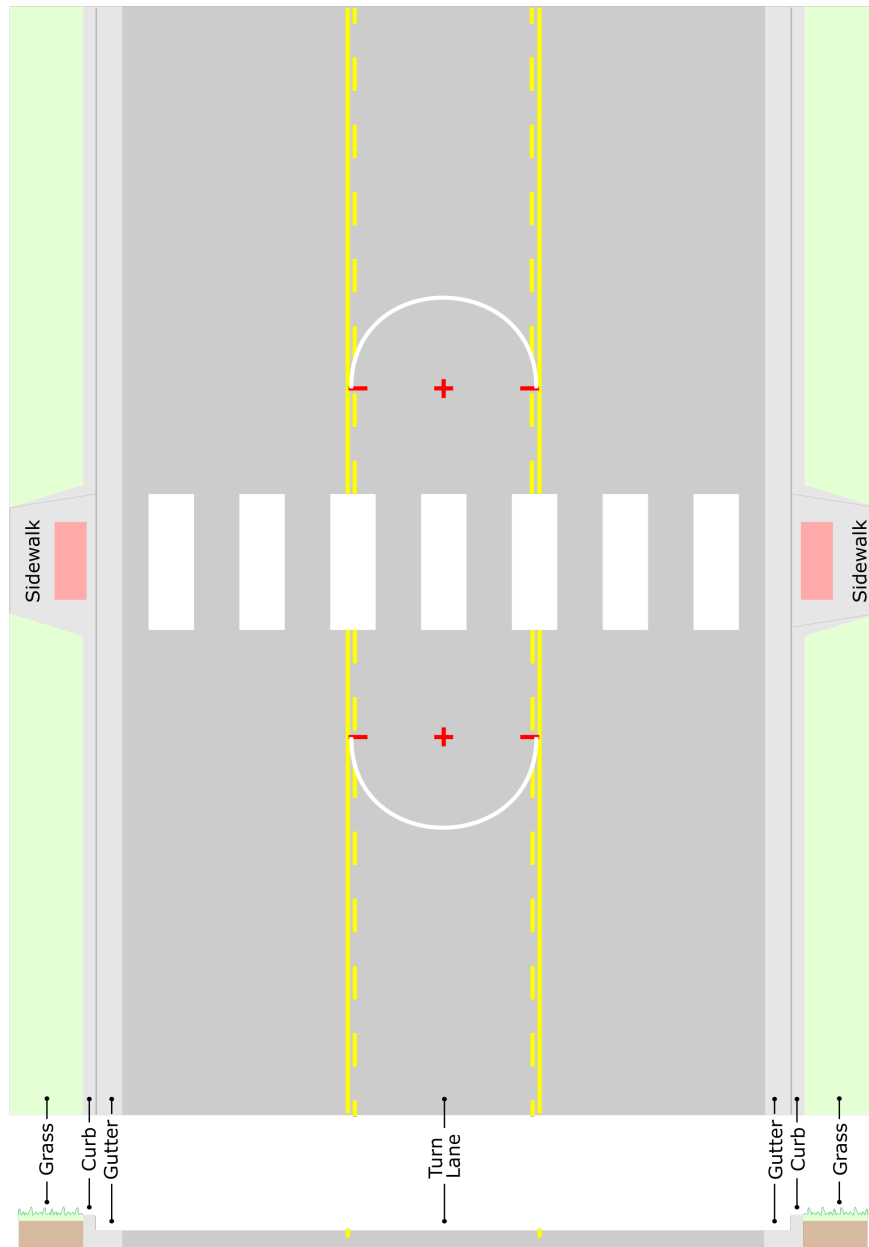


Sweep

(to remove any
dirt/debris on road)



Step 5: Paint White Base Stripe

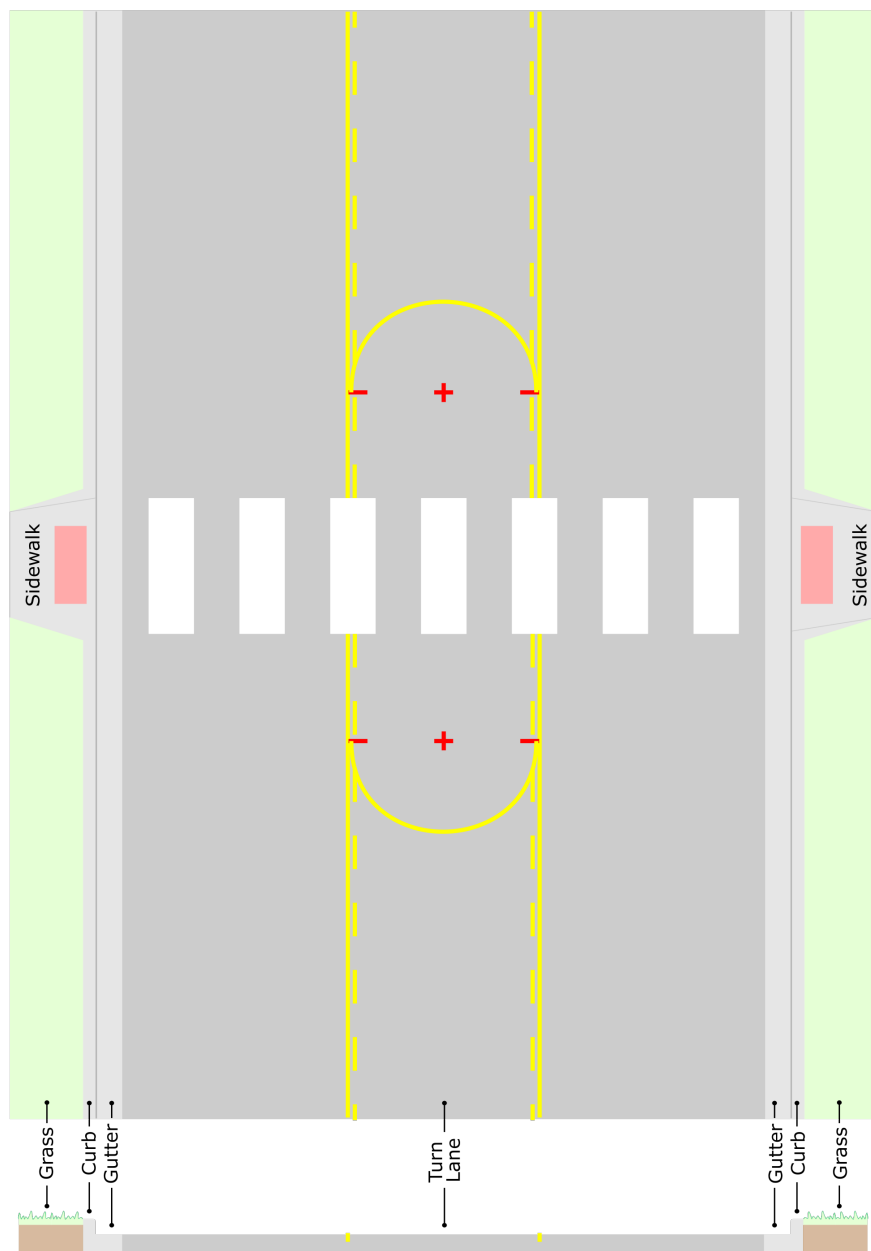


- Using a 4-inch roller, paint white over the chalk lines (this will be a base layer for the yellow paint in Step 6)
- Allow to dry before proceeding to Step 6

Note: Go slowly and try to make the lines as straight as possible

Note: Do NOT paint over the existing yellow striping





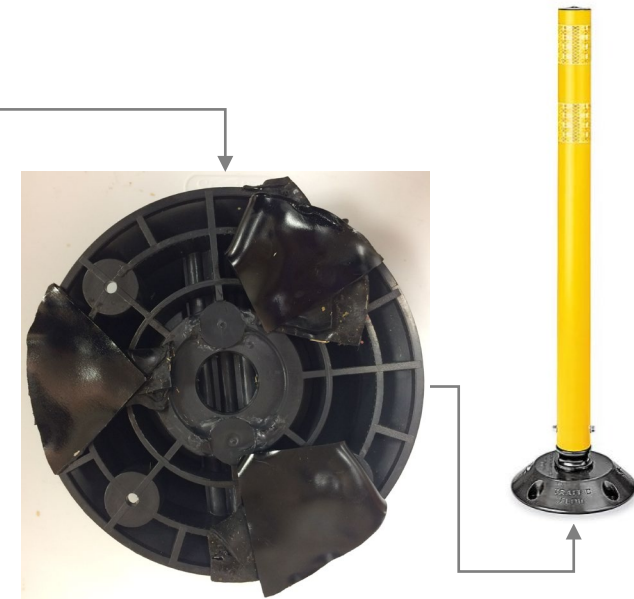
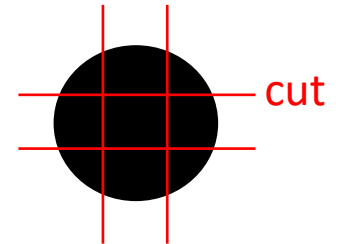
- Using a 4-inch roller, use yellow paint to paint over the white lines
 - Striping in the middle of the roadway must be yellow
 - Without the white base layer of paint, the yellow paint does not show up well
- If the existing yellow paint is faded, you may paint over those stripes with yellow as well.
- Do NOT paint through the crosswalk.



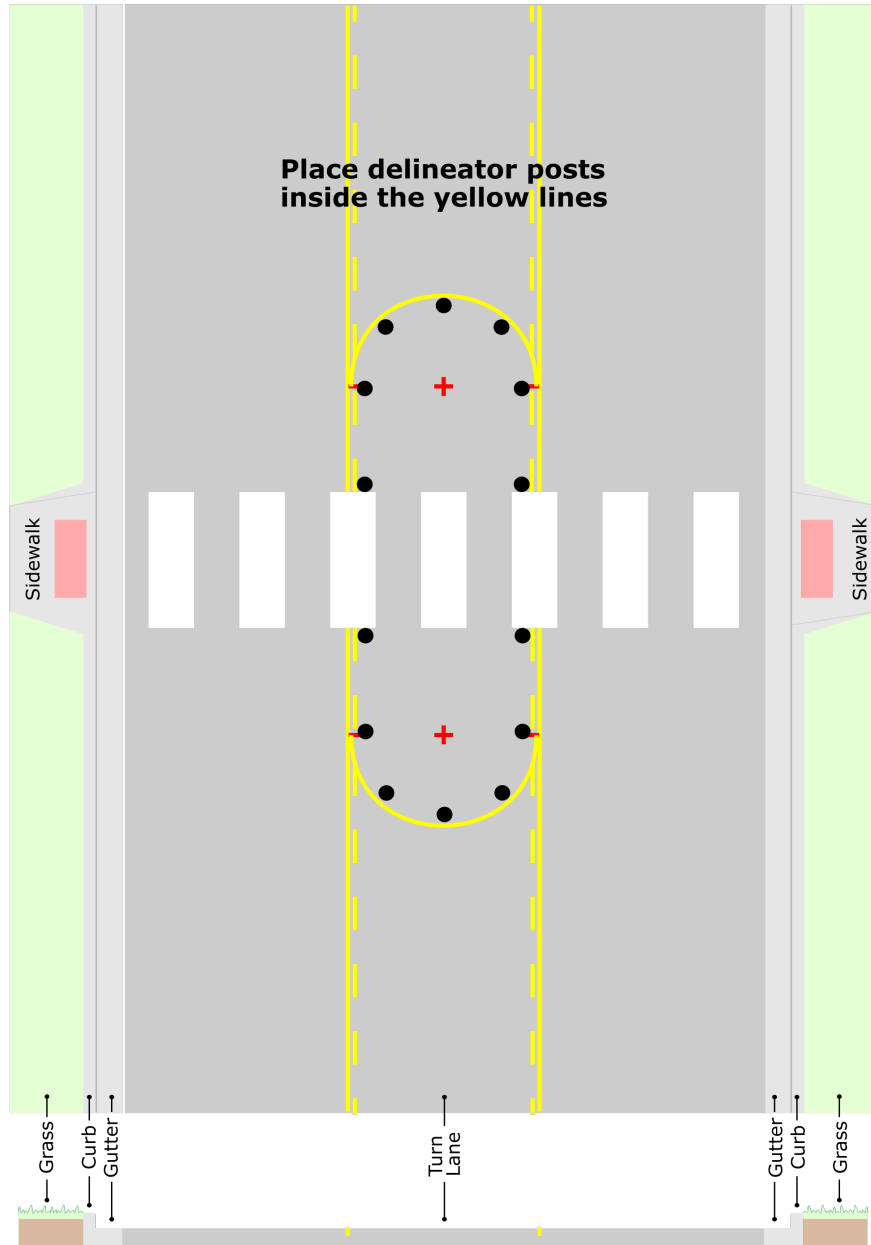
Preparing the Delineators for Installation

- A Attach delineator posts to bases (per package instructions using pins provided)
- B Posts are attached to the ground using Butyl pads
- C To save cost and ease removal, Butyl pads are cut into pieces
- D Use a utility knife to cut 2 vertical and horizontal lines to make 9 Butyl pieces
- E Keep the wrappers on the cut pieces (to keep from sticking together)
- F Store the pieces in a resealable plastic bag
- G Once on-site, place 3 to 4 Butyl pieces on each delineator base
- H Place in location and stomp/step on to adhere to roadway

Note: To save time the day of installation, Steps 1 through 6 from the table above should be completed ahead of time.



Step 7: Installing Delineator Posts



- Start by placing a delineator post in the center of the arc at either end
- Then work your way around the arc, placing a delineator every 5 feet



Maroon Infill Paint

Red Tempera Paint	32 ounces (two 16-ounce bottles)
Black Tempera Paint	1-2 ounces (4 squirts)
White Tempera Paint	4-8 ounces (8 squirts)
Water	2.5 Gallons (bring in a 5-gallon bucket with lid)

Pour into



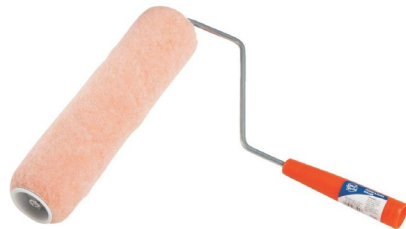
Whisk
(until combined)

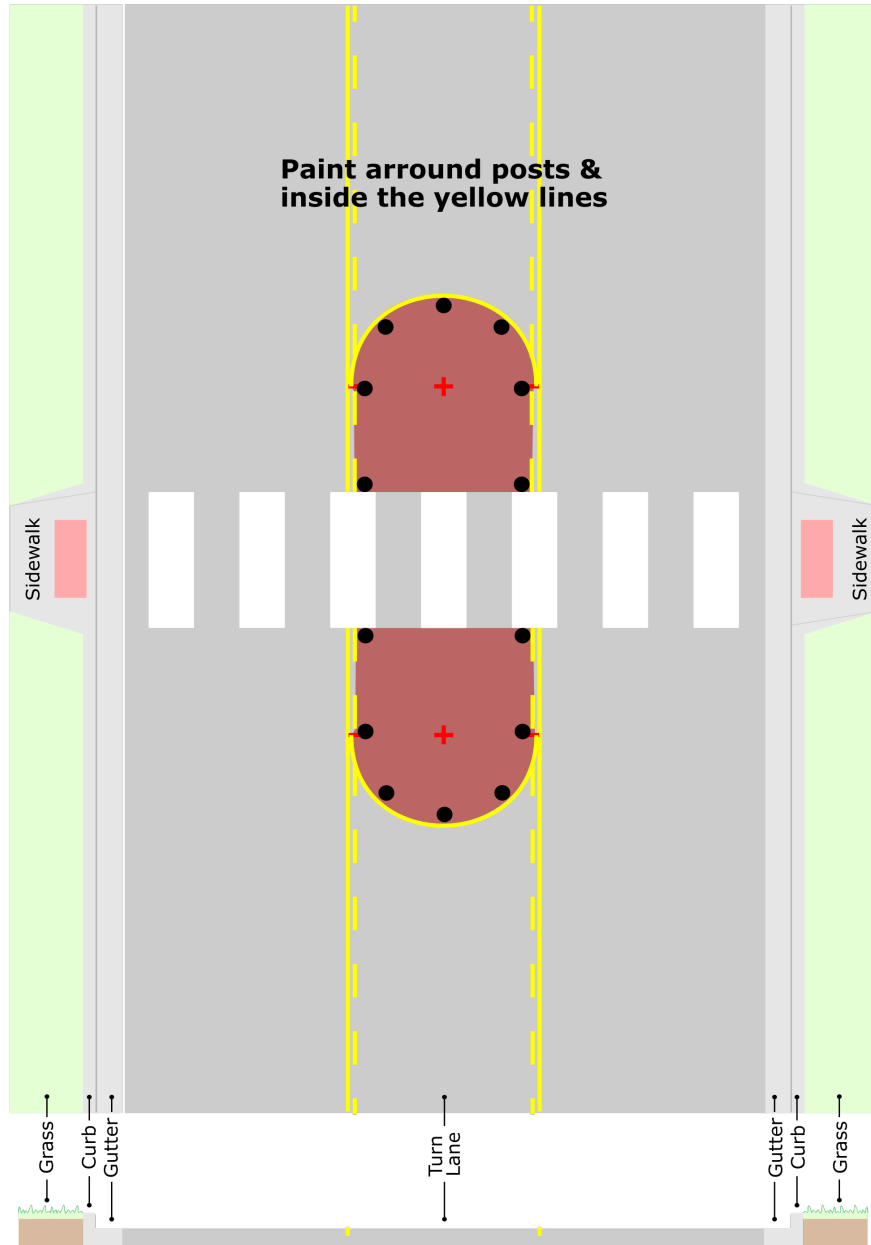
Note: Paint will be very thin, like a wash

Sweep
(to remove any dirt/debris on road)

Apply with

9-inch roller and extension handle





Note: Use caution when painting the maroon infill paint near the striping and crosswalk. The infill paint is watery and can run.

Note: Do not paint the crosswalk

