Pedestrian Island: 10-foot Installation Guide

Contents

Paint

Item	# Needed	Details	Item info.
White Tempera Paint	2	16-ounce bottle	• 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 bottle	• Argo or generic brand

Delineator Posts

| Item	# Needed	Details	Company to Order from: Item #	Phone Number
Flexible Delineators w/ Bases	10	36" Flexible Post with base (Yellow)	Uline: H-7959	800-295-5510
Butyl Pads	5	8" Diam. Butyl Adhesive Pad	Uline: H-4467	800-295-5510

Tools Needed

- ❑ 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)
- ❑ 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.
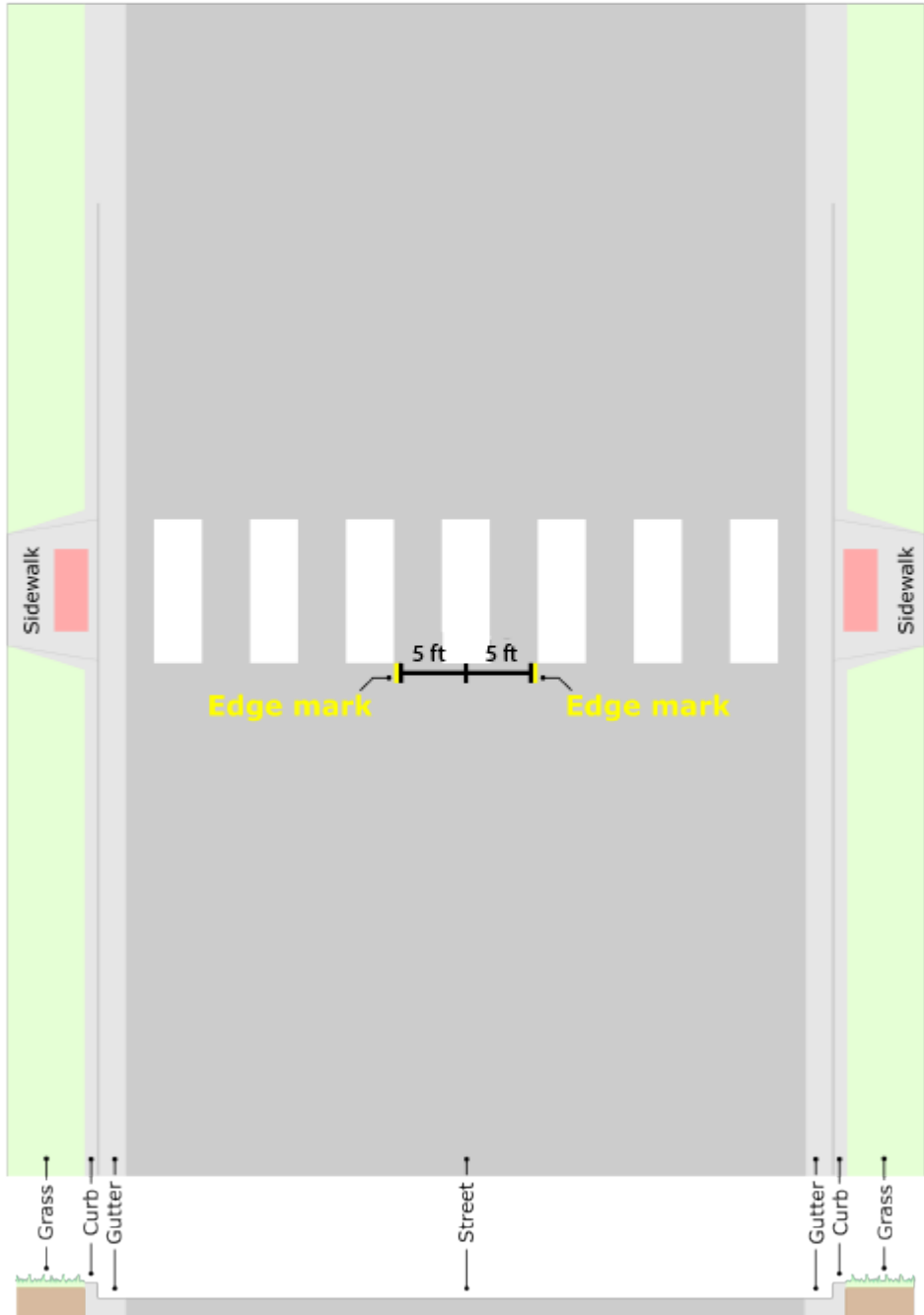
PI: 10ft
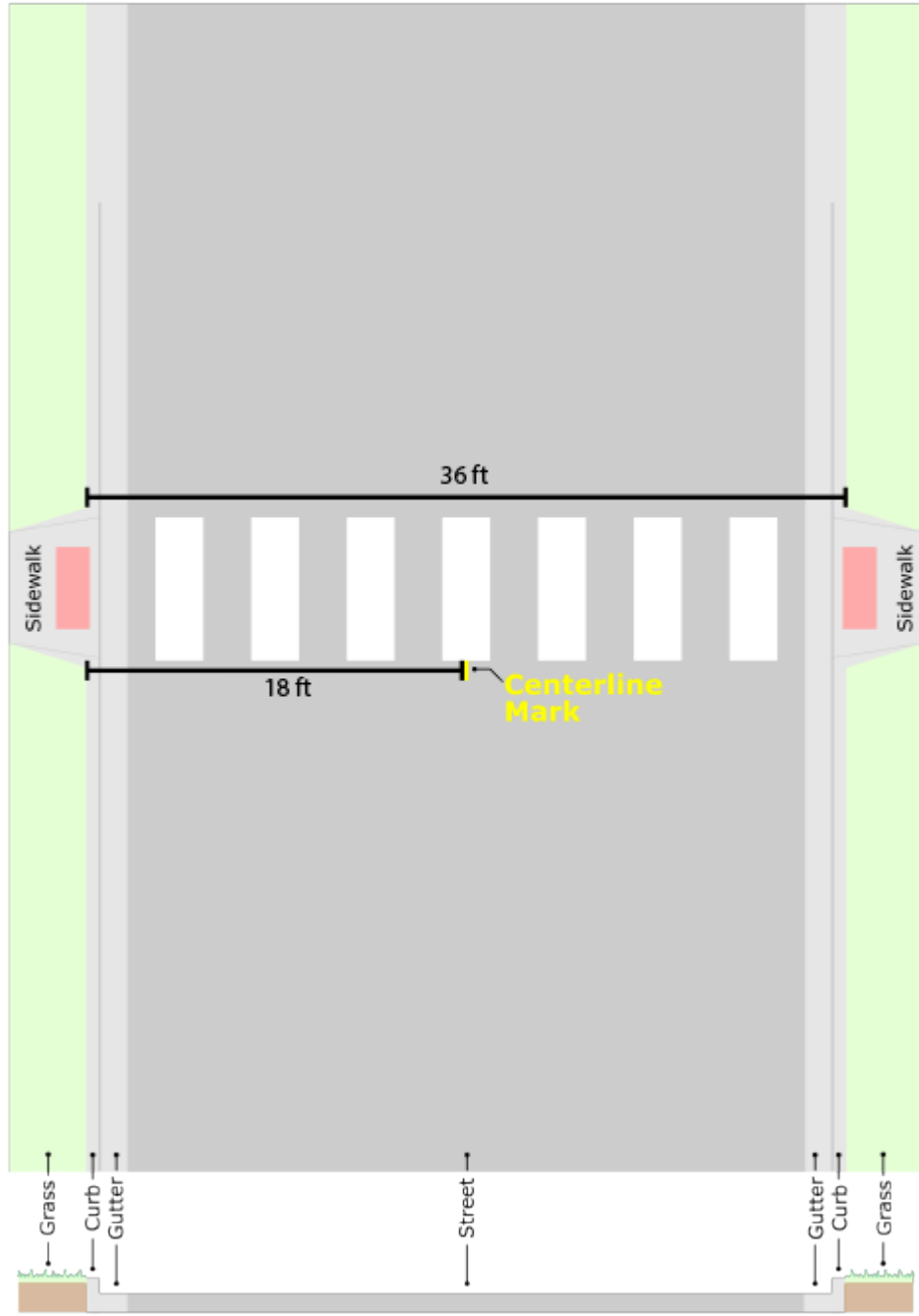
- Measure Back of Curb (BOC) to BOC
- Divide this number by 2, which equals the distance from BOC to Centerline
- Along the edge of the crosswalk, measure from BOC to Centerline and mark the Centerline
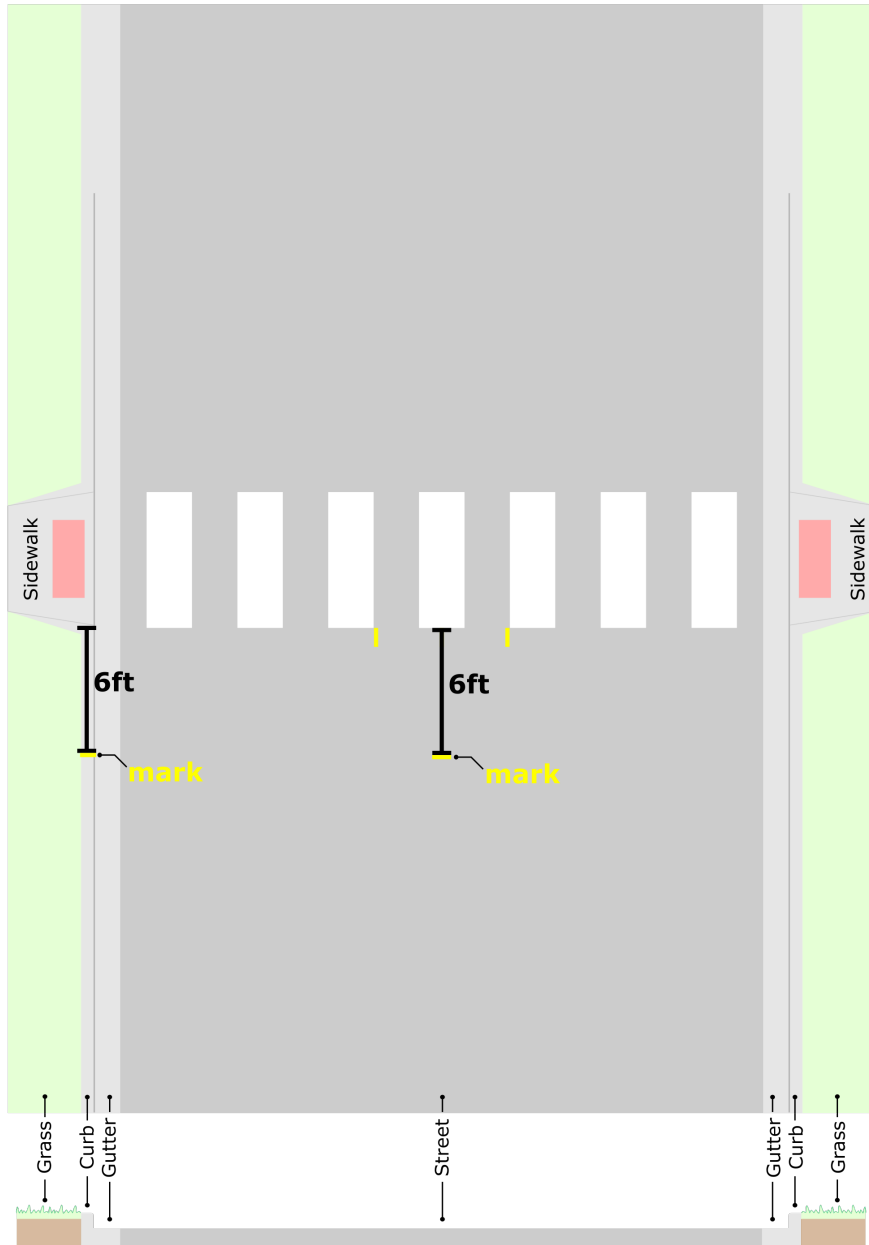

Ex: BOC to BOC = 36 ft ÷ 2 = 18 ft (Centerline Mark)

5
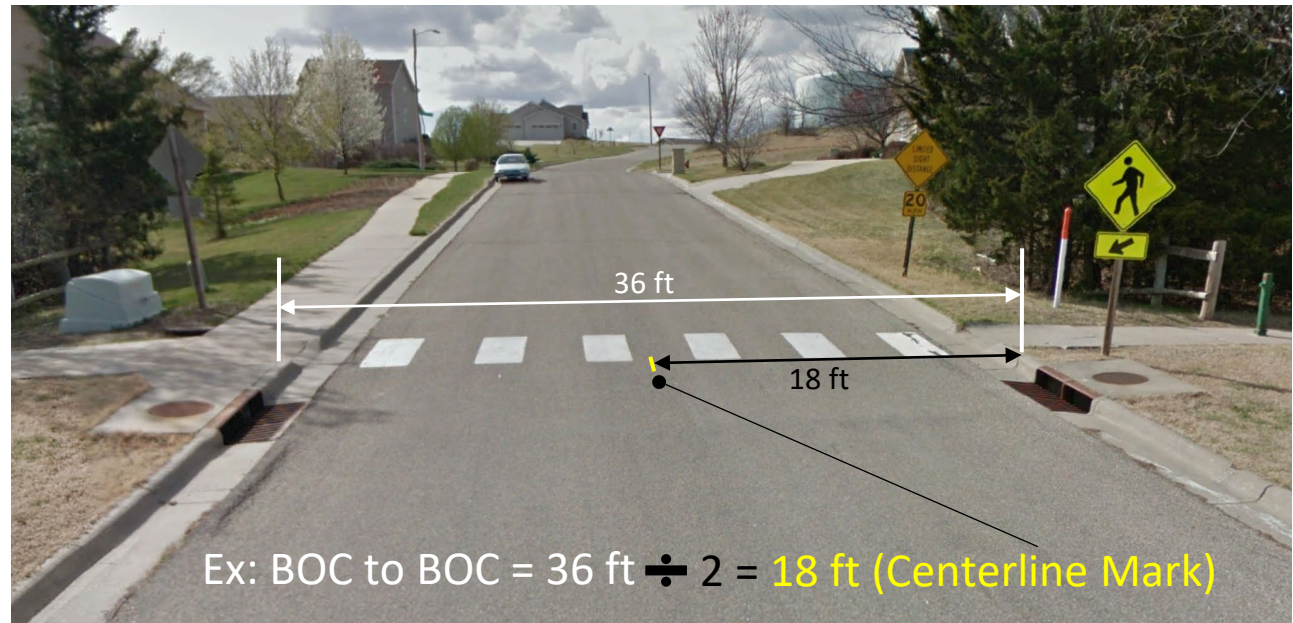
- From the Centerline, measure along the crosswalk 3 feet in each direction
- Mark each location; these will be the Edge Marks (outside edge of the ped island)
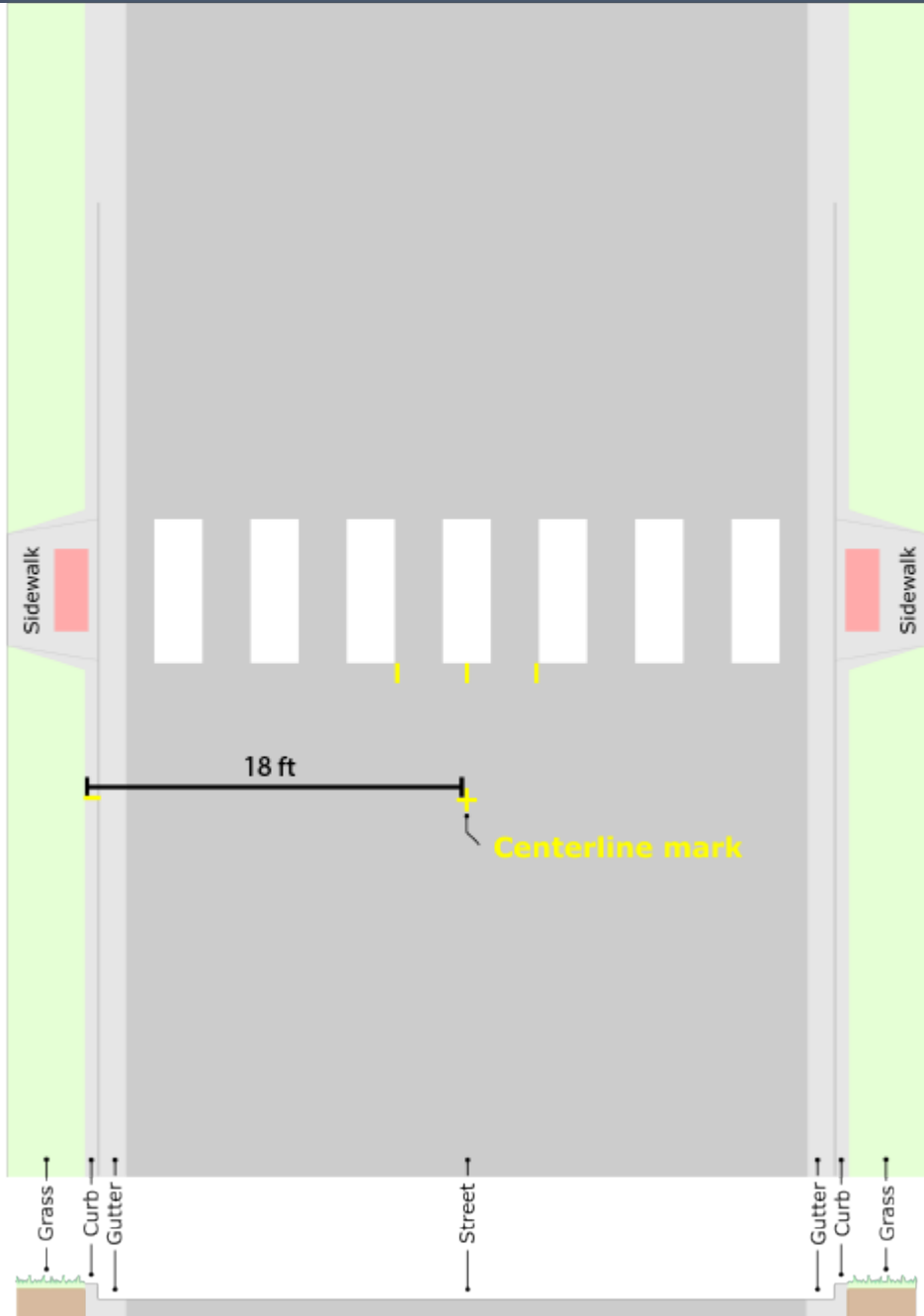
- From the Centerline Mark, measure away from the crosswalk (perpendicular) **6 feet**
- Mark the location with chalk
- On the curb, where it meets the crosswalk, measure along the curb (away from the crosswalk) **6 feet**
- Mark the location with chalk

18 ft

Centerline mark

Grass | Curb | Gutter | Street | Gutter | Curb | Grass
Sidewalk | Sidewalk

- Using a tape measure, make a straight line (parallel to the crosswalk) between the mark on the curb and the mark in the street
- Place a chalk mark at the Centerline measurement; same measurement as in Step 1 (i.e. 18 feet in this example)
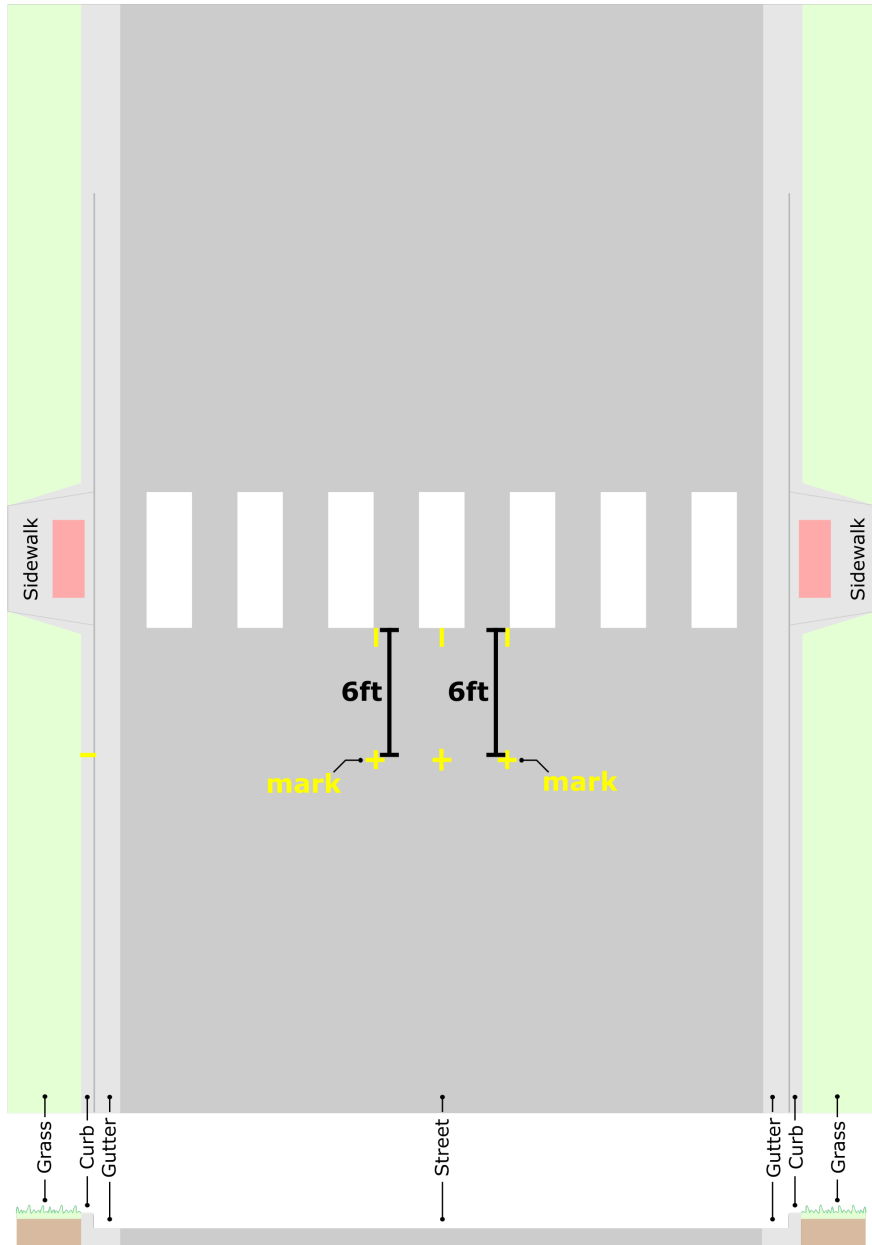

18ft

Centerline mark

8

- From the Centerline mark, measure 3 feet towards each curb
- Mark each location; these will be the Edge Marks (outside edge of the ped island)
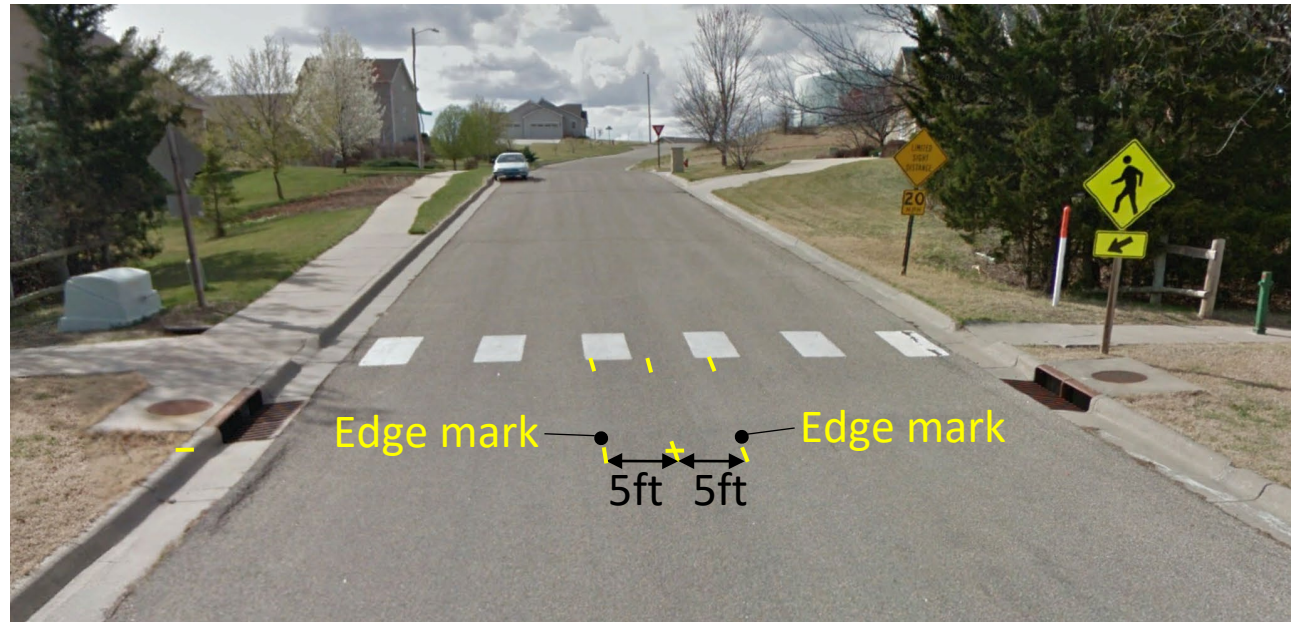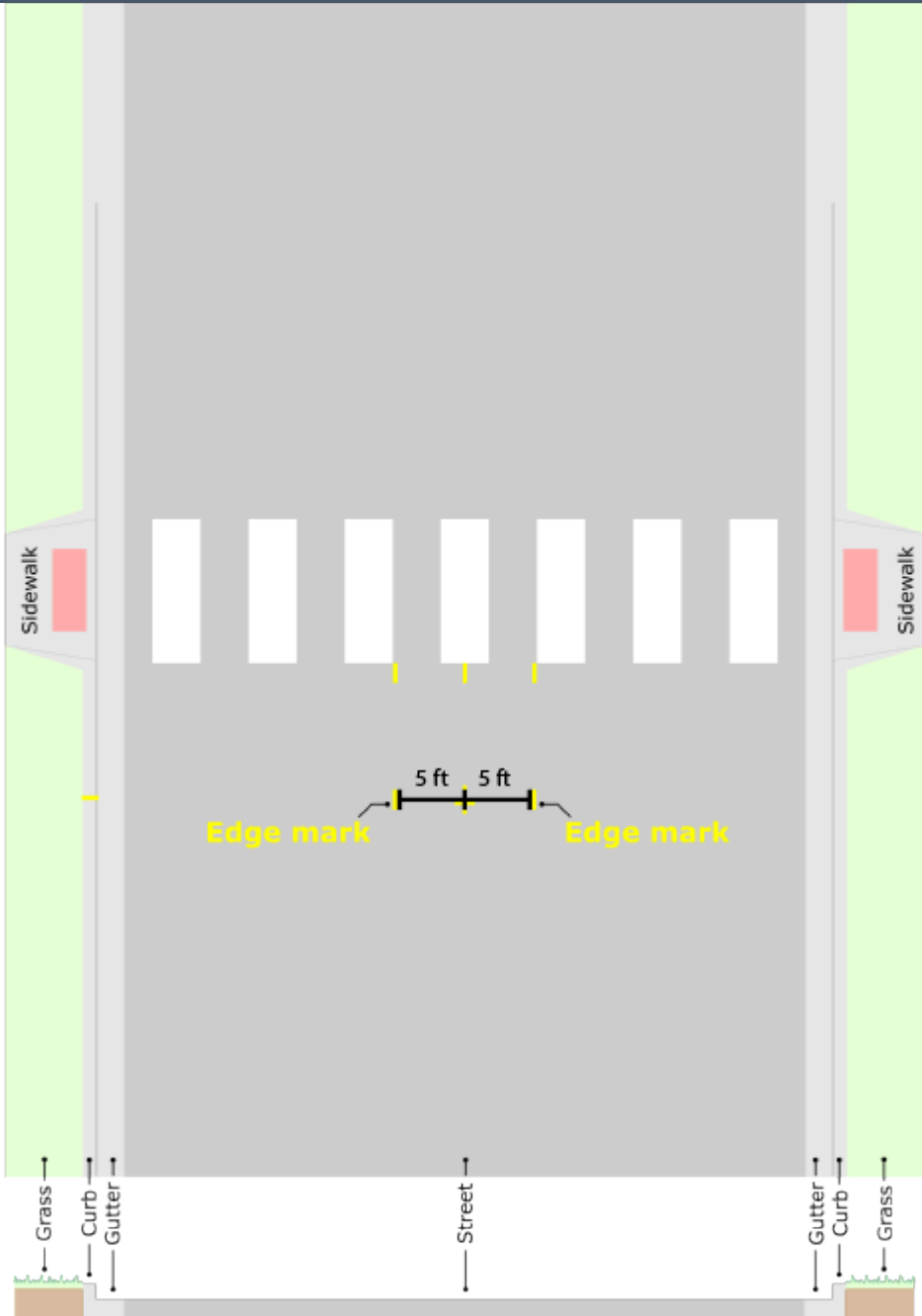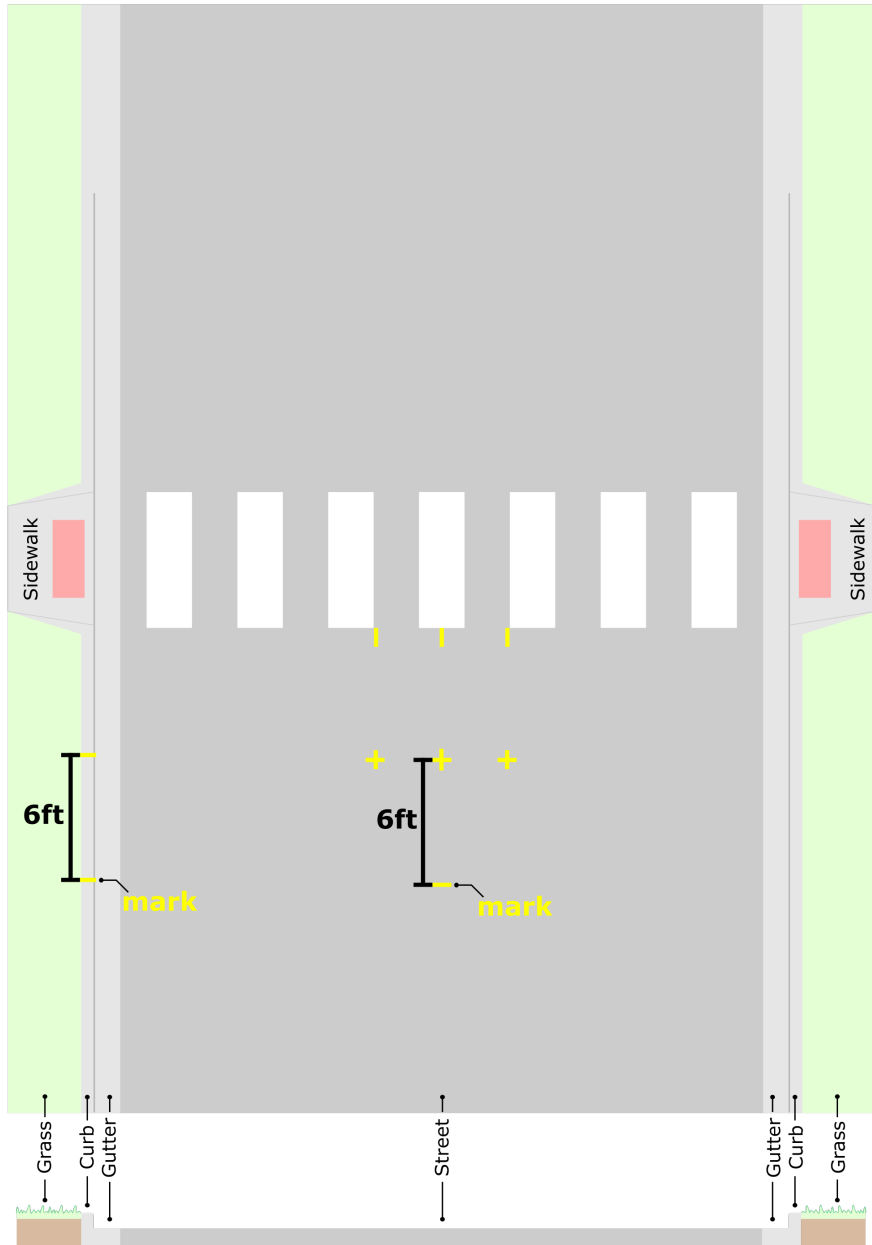
- From the Edge Marks closest to the crosswalk, measure **6 feet** away from the crosswalk towards the Edge Marks from Step 5
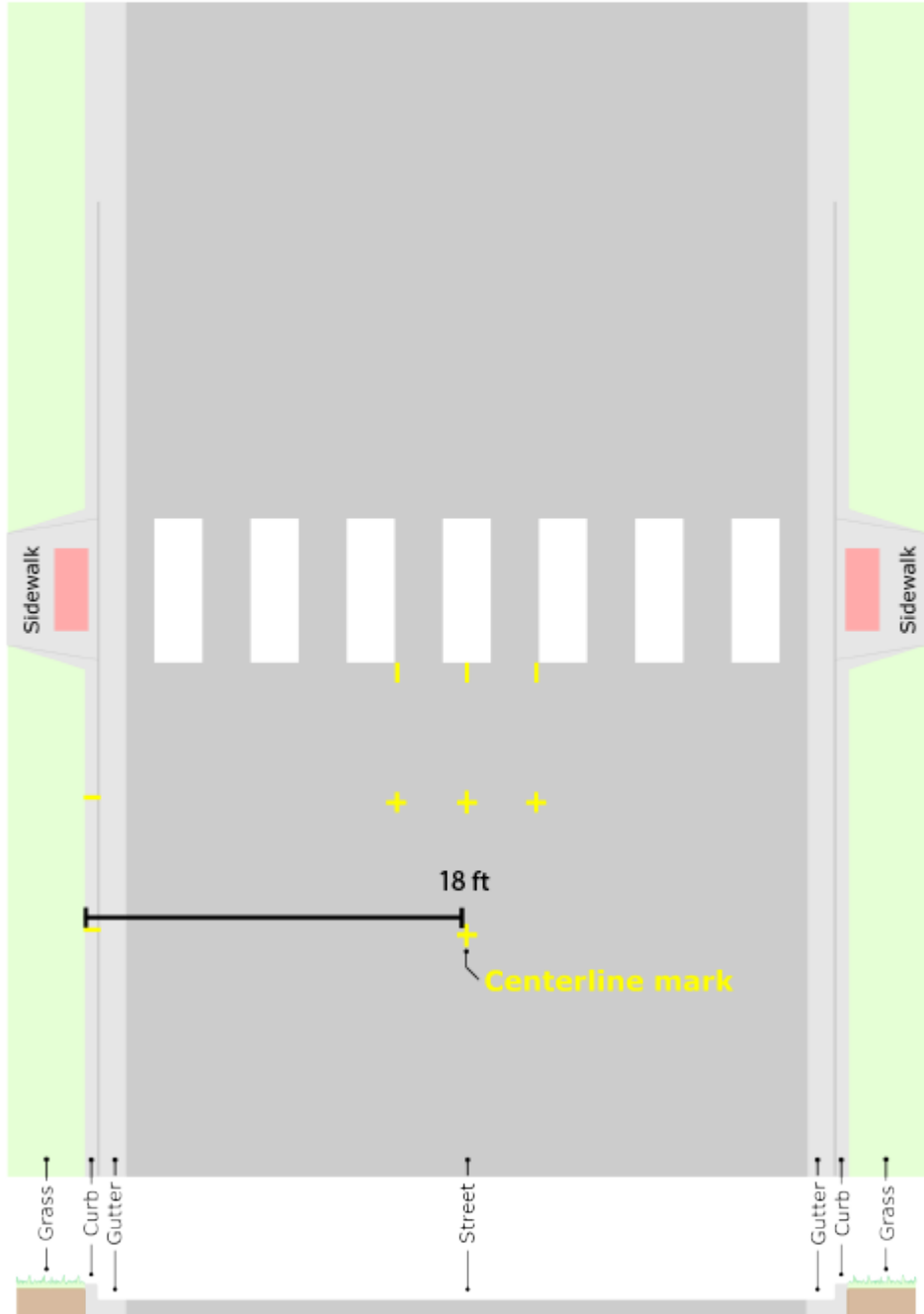- Mark with chalk where it intersects the Edge Marks from Step 5 to make a "+"

Step 7: Measure the Point of Ped Island

- From the Centerline mark in Step 4, measure away from the crosswalk (perpendicular) **6 feet**
- Mark the location with chalk

- Along the curb, from the previous mark in Step 3, measure along the curb **6 feet**
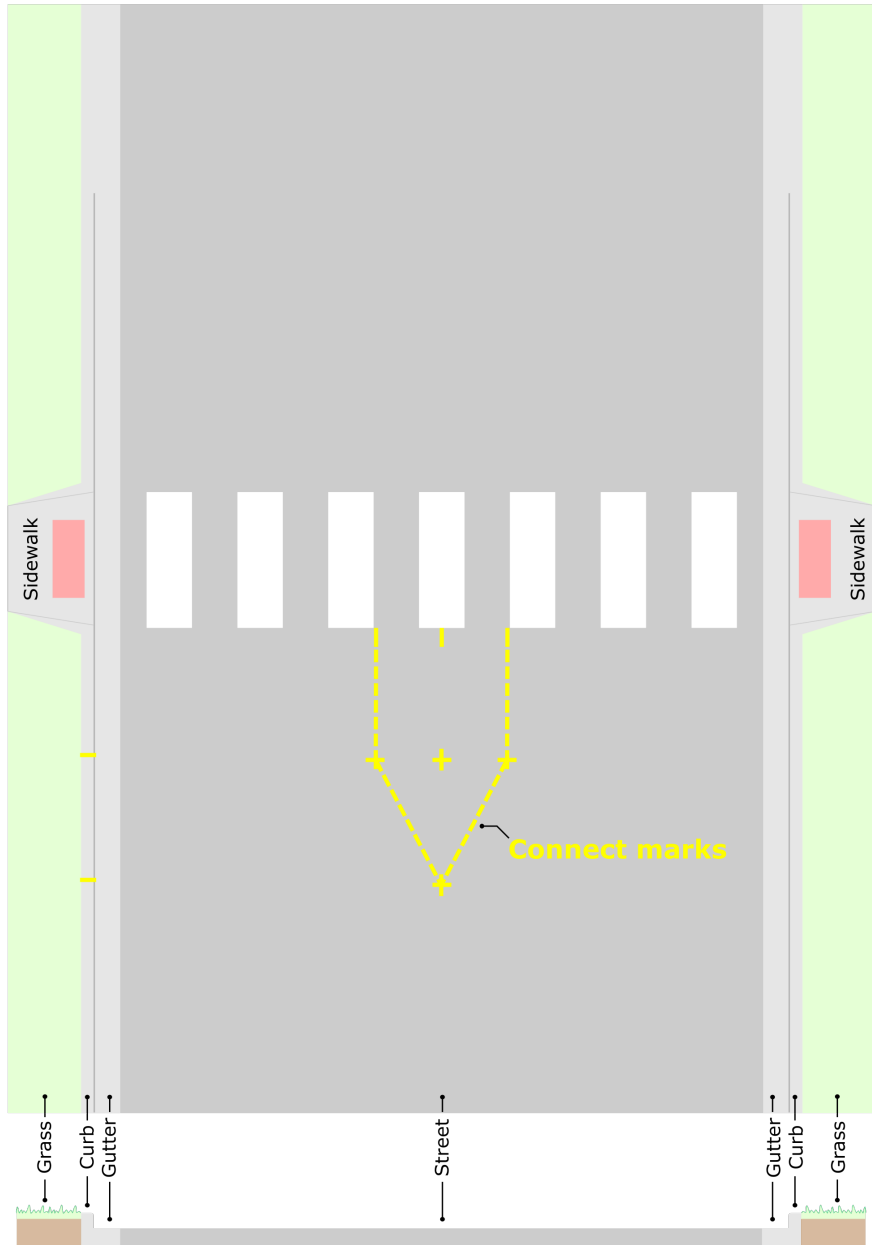- Mark the location with chalk

- Using a tape measure, make a straight line between the mark on the curb and the mark in the street
- Place a chalk mark at the Centerline measurement; same measurement as in Steps 1 & 4 (i.e. 18 feet in this example)
- This will be the point of the Ped Island

18 ft

Centerline mark

Grass · Curb · Gutter · Street · Gutter · Curb · Grass

Sidewalk · Sidewalk

18ft

Centerline mark
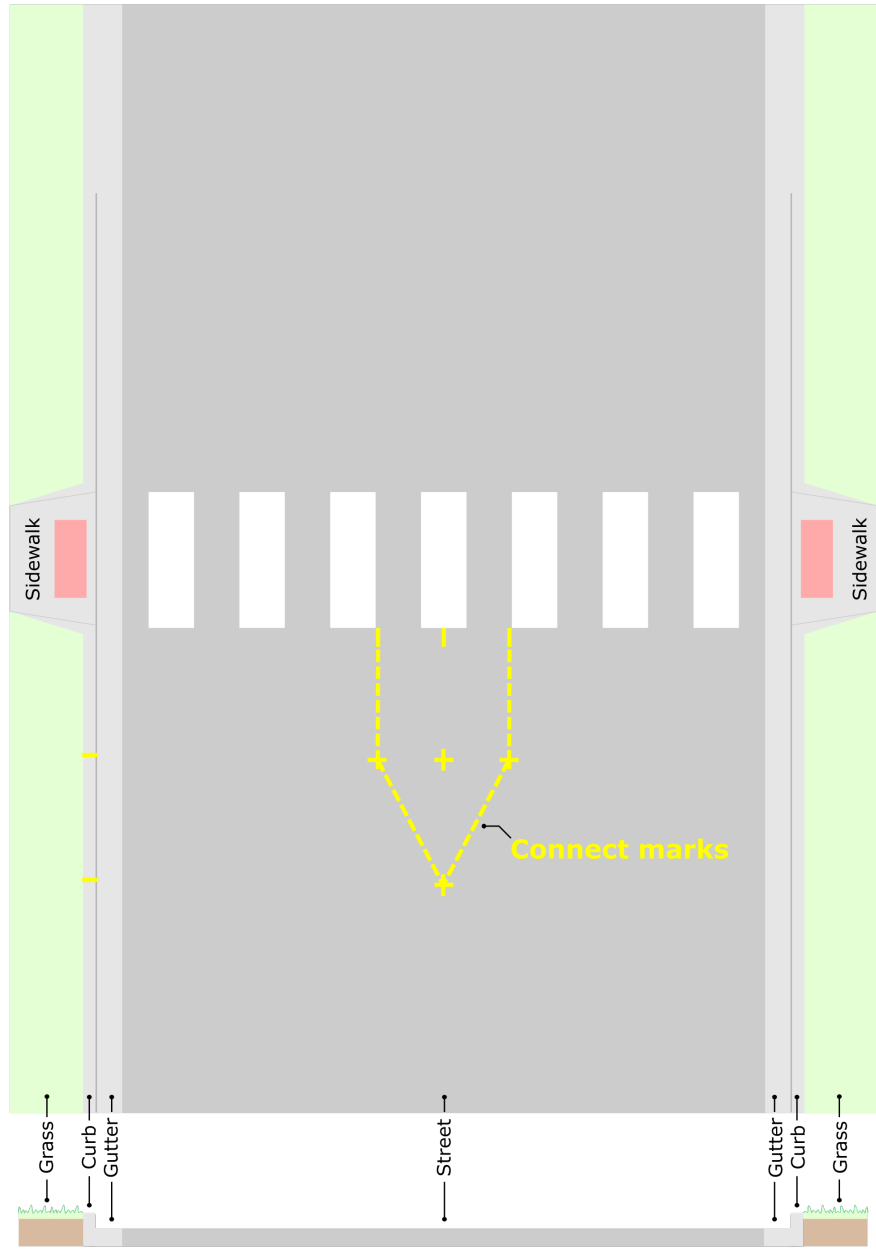
- Using the tape measure as a straight edge, draw a chalk line connecting the Edge Marks (these lines will be the guides for the paint striping)
- The result will be the outline for half of the pedestrian island

Connect marks with lines

- Repeat steps 1-9, but on the other side of the crosswalk
- The result will be two matching shapes on either side of the crosswalk; this will be the shape of your ped island

14
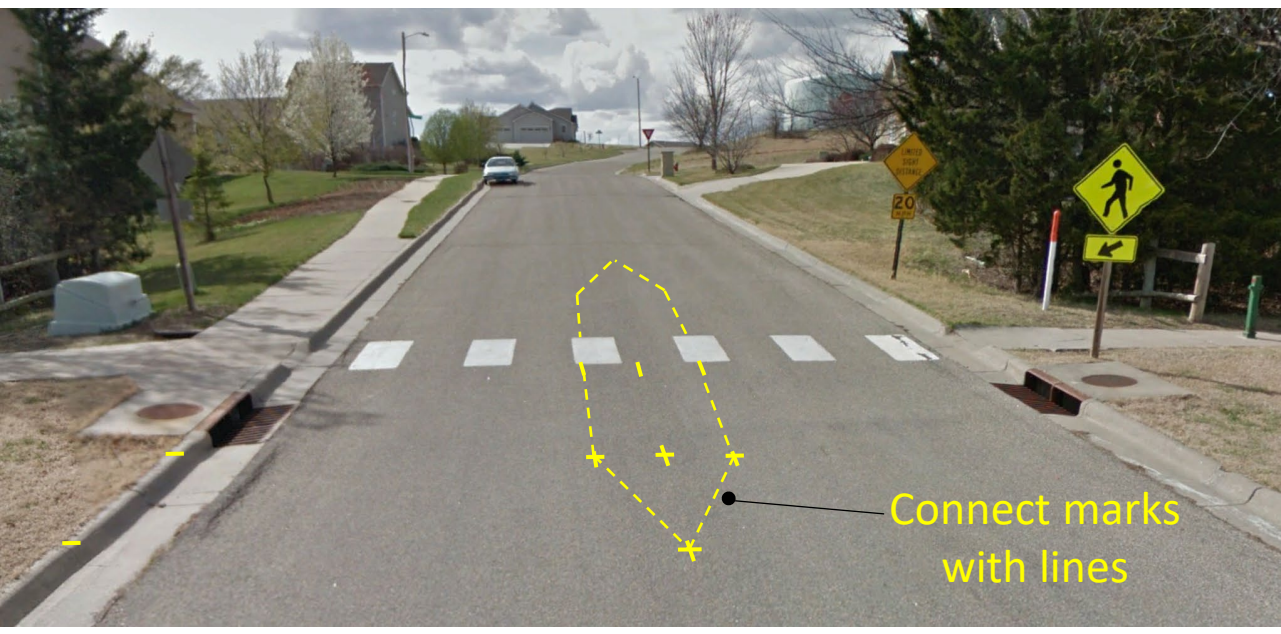
Striping Paint

White Striping Paint

White Tempera Paint	32 ounces (two 16-oz bottles)
Corn Starch	1 cup

Note: Paint will be thick

Pour into & mix

Apply with

4-inch roller and extension handle

Sweep
(to remove any dirt/debris)

Yellow Striping Paint

Yellow Tempera Paint	32 ounces (two 16-oz bottles)
Corn Starch	1 cup

Note: Paint will be thick

Pour into & mix

Sweep
(to remove any dirt/debris)

Apply with
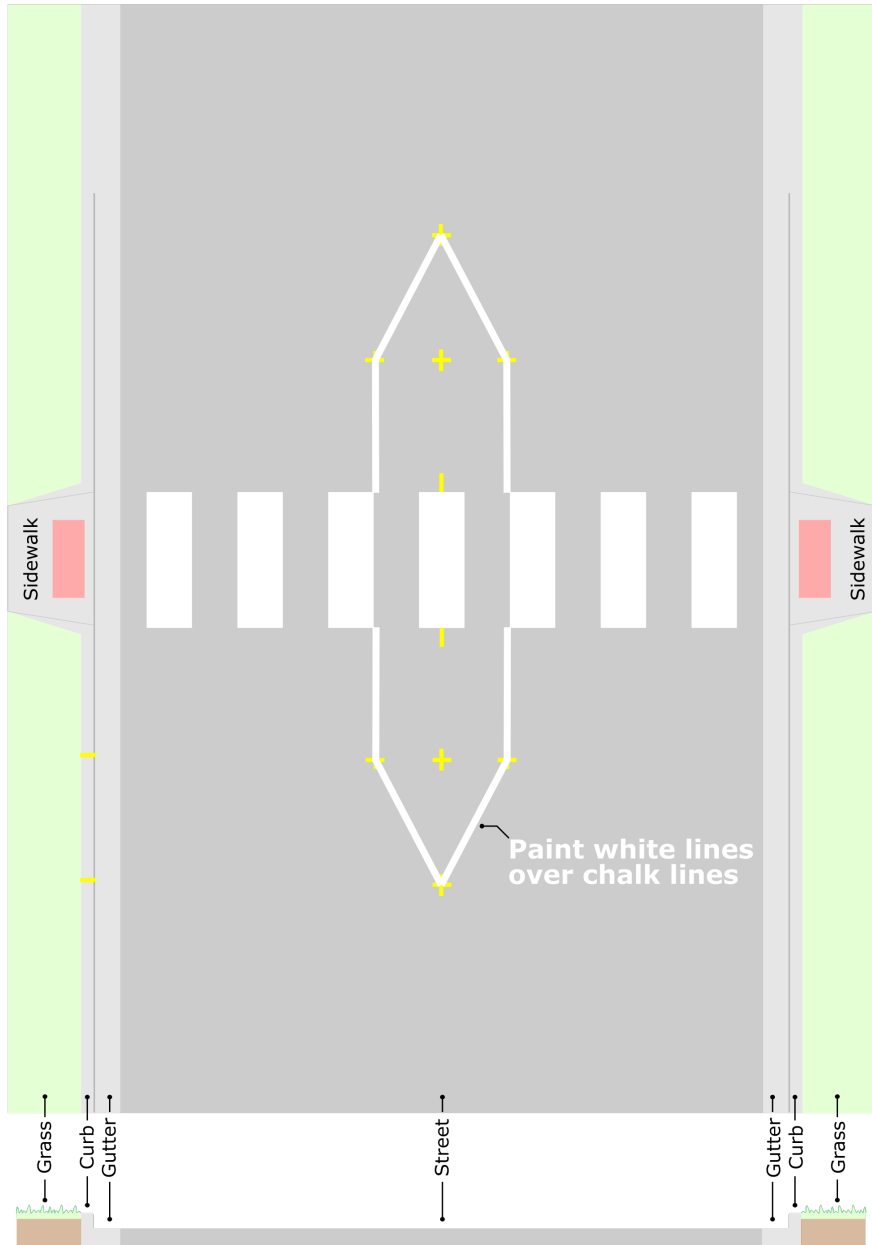
4-inch roller and extension handle

Step 11: Paint White Outline

- Using a 4-inch roller, paint white over the chalk lines (this will be a base layer for the yellow paint in Step 12)
- Allow to dry before proceeding to Step 12

Note: Go slowly and try to make the lines as straight as possible
Note: Do NOT paint over the crosswalk

Paint white lines over chalk lines

Sidewalk
Sidewalk

Grass
Curb
Gutter

Street

Gutter
Curb
Grass

Step 12: Paint Yellow Outline

- Using a 4-inch roller, paint yellow 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

Note: Do NOT paint through the crosswalk

Preparing the Delineators for Installation

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

cut

Note: To save time the day of installation, Steps 1 through 6 from the table above should be completed ahead of time.
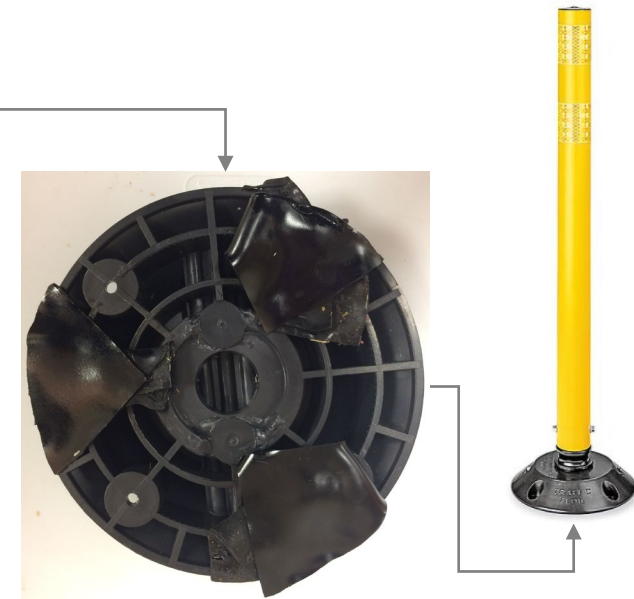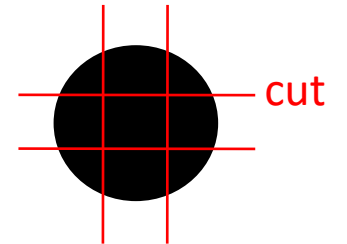
Place delineator posts inside the yellow lines
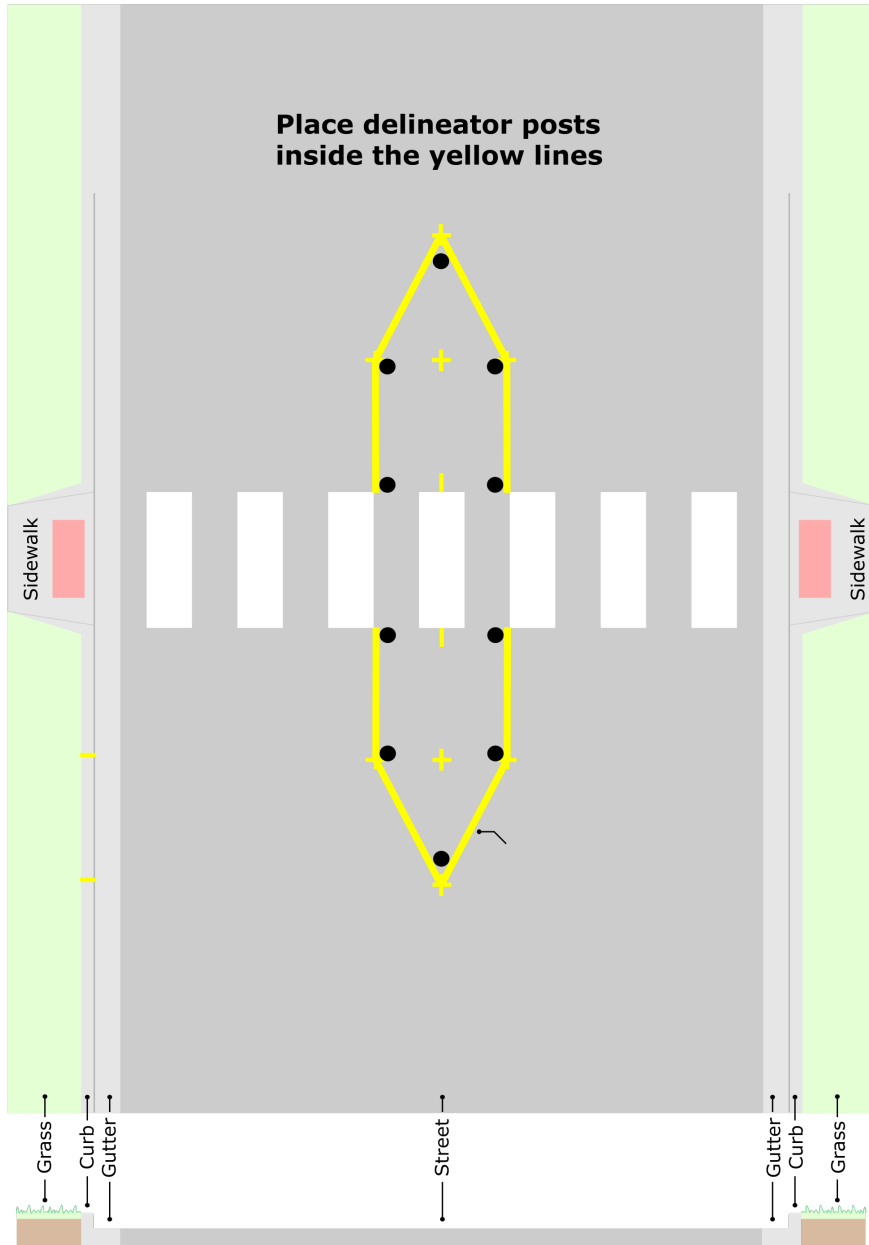
- Start by placing a delineator post in the center of the point at either end
- Then work your way around the island, placing a delineator every 5 feet

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 (brought in 5-gallon bucket with lid)

Note: Paint will be very thin, like a wash

Pour into

Whisk
(until combined)

Sweep
(to remove any dirt/debris)

Apply with

9-inch roller and extension handle

Paint around posts and inside the yellow lines.
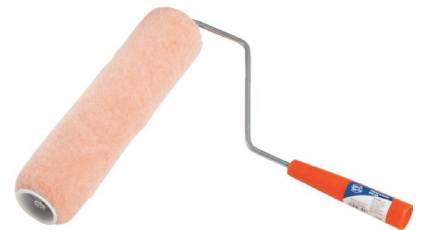
Do not paint the crosswalk area.
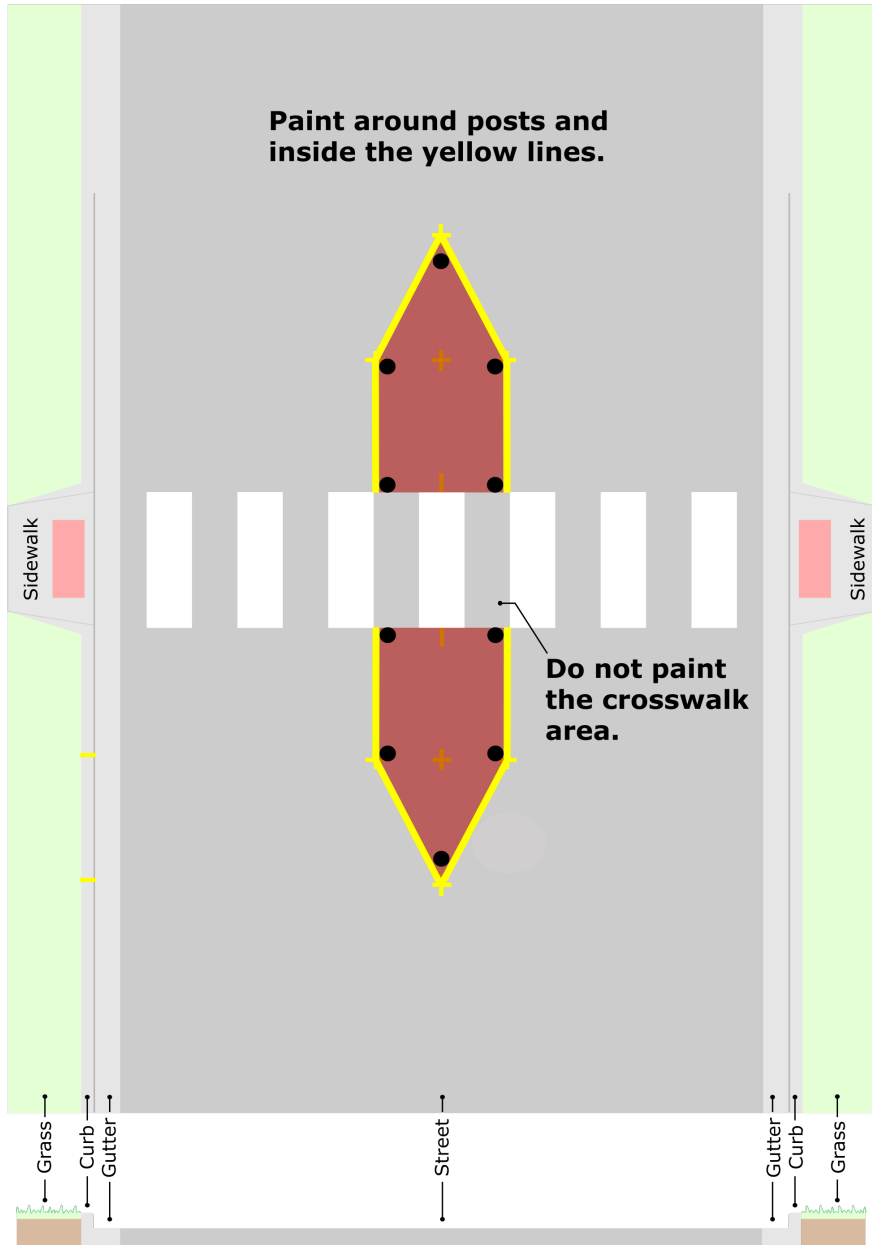
Note: Use caution when painting the maroon infill paint near the striping and crosswalk. It is watery and can run.

Note: Do not paint the crosswalk area