

Osmundsen TTC Meeting 2

Ross Kahler

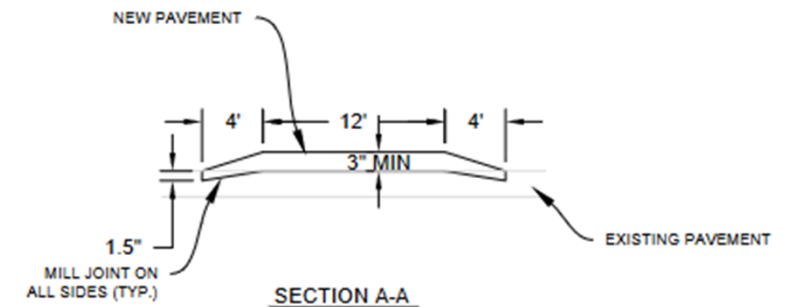
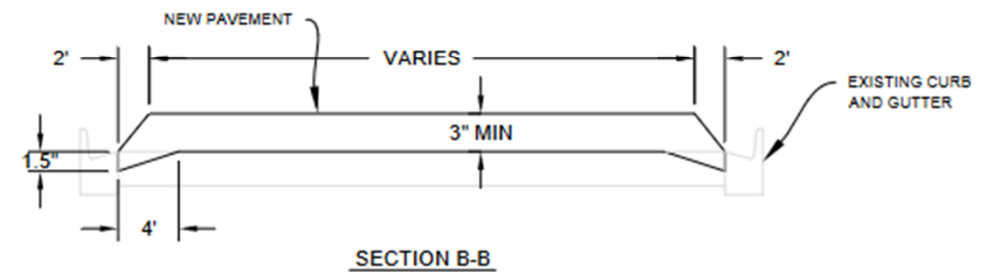
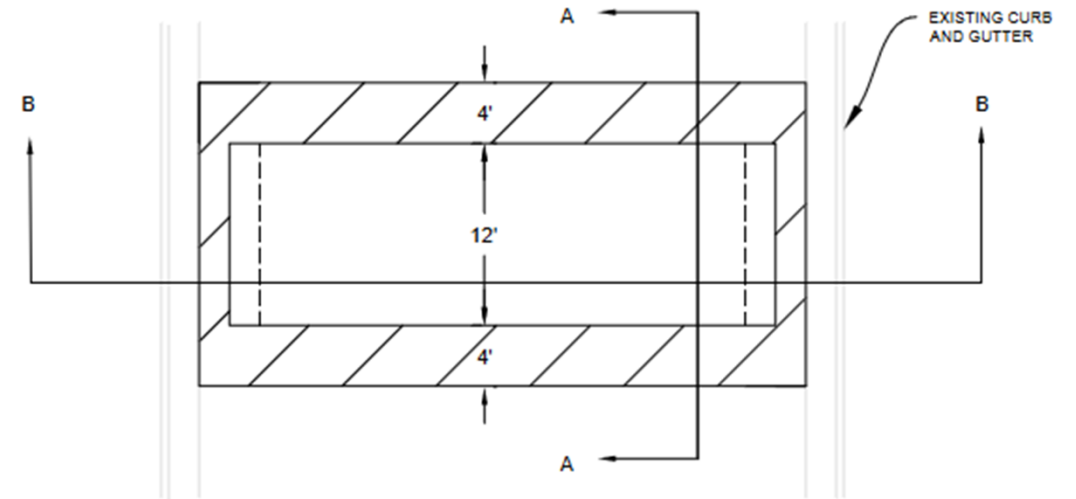
Captain Edward Hartwick



Made with **Streetmix**

Speed Humps

- Cost = \$5,000 each
- Length
 - McKee to Lacy = 5,400 LF
 - McKee to Pembroke = 2,700 LF
- Spacing
 - 300 ft (25 mph): 18x = \$90,000
 - 500 ft (30 mph): 10x = \$50,000
- Slows emergency response time
- Creates higher speeds between
- Little improvement to pedestrian safety
- Temporary pilot study



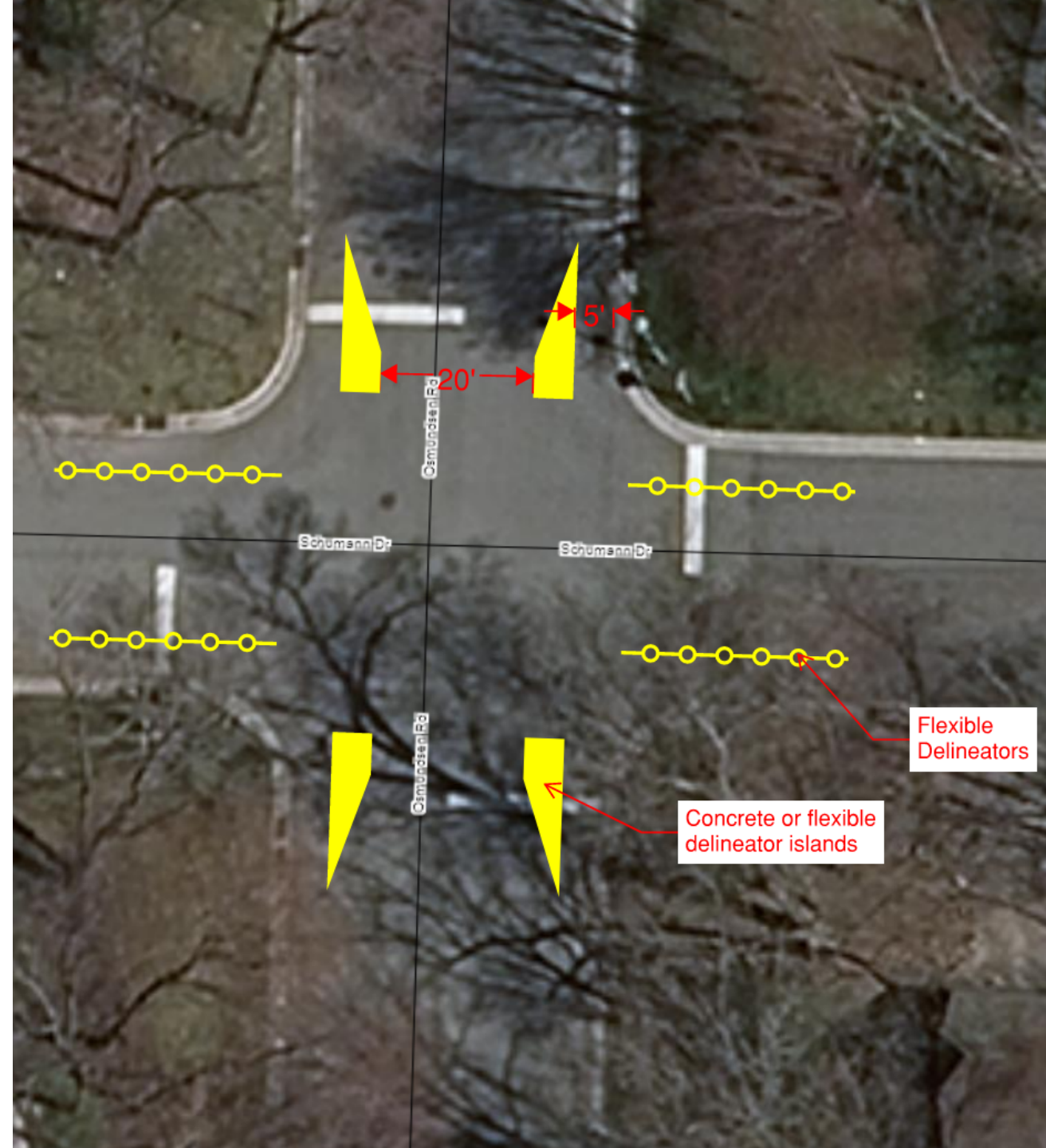
Traffic Circle

- Cost - \$20,000
- Forces drivers to deflect to avoid
- Pushes drivers towards pedestrians
- No pedestrian areas
- Temporary with delineator posts
- 2' deflection (30 mph)

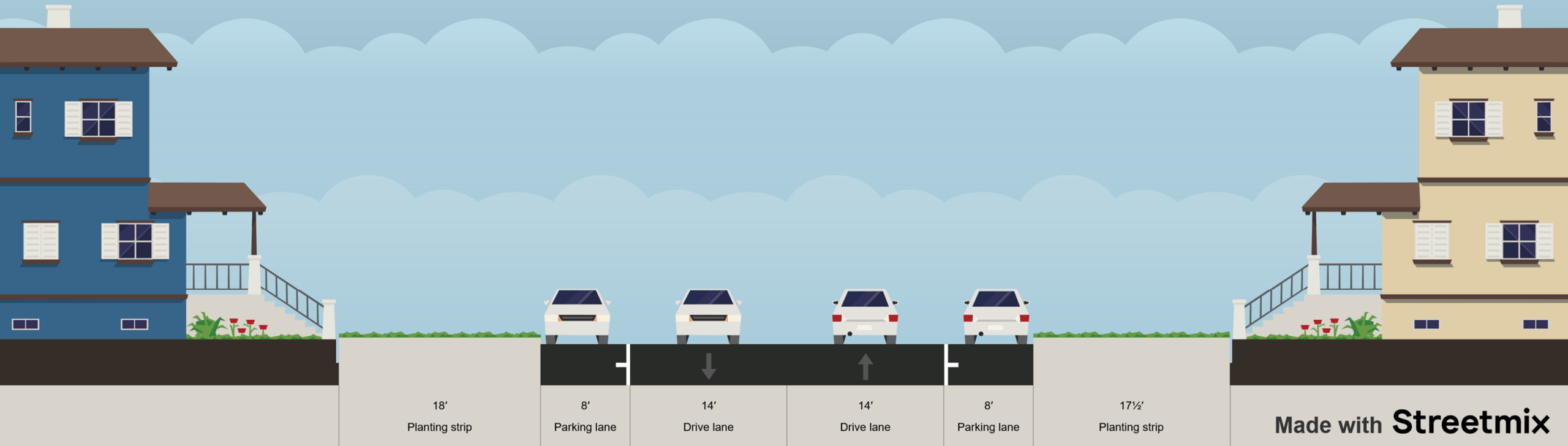


Corner Extension

- Cost
 - \$7,000/concrete island
 - \$50/flexible delineator
 - \$29,200 for this config
- Concrete islands narrowing intersection
- Temporary with delineator posts
- 5' pedestrian area
- 10' travel lanes (30 mph)

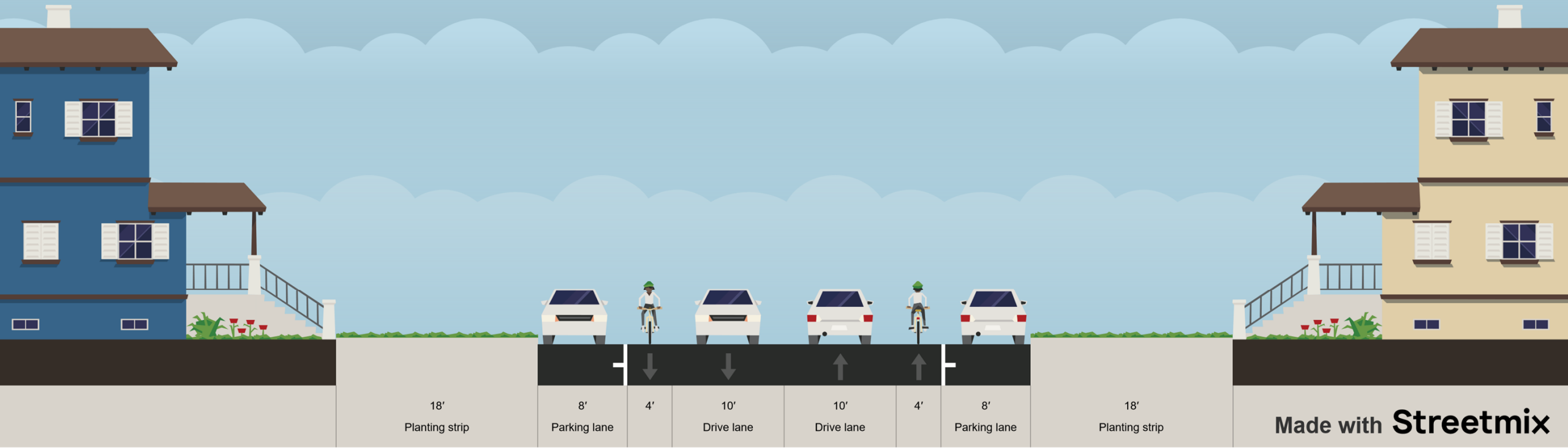


Existing



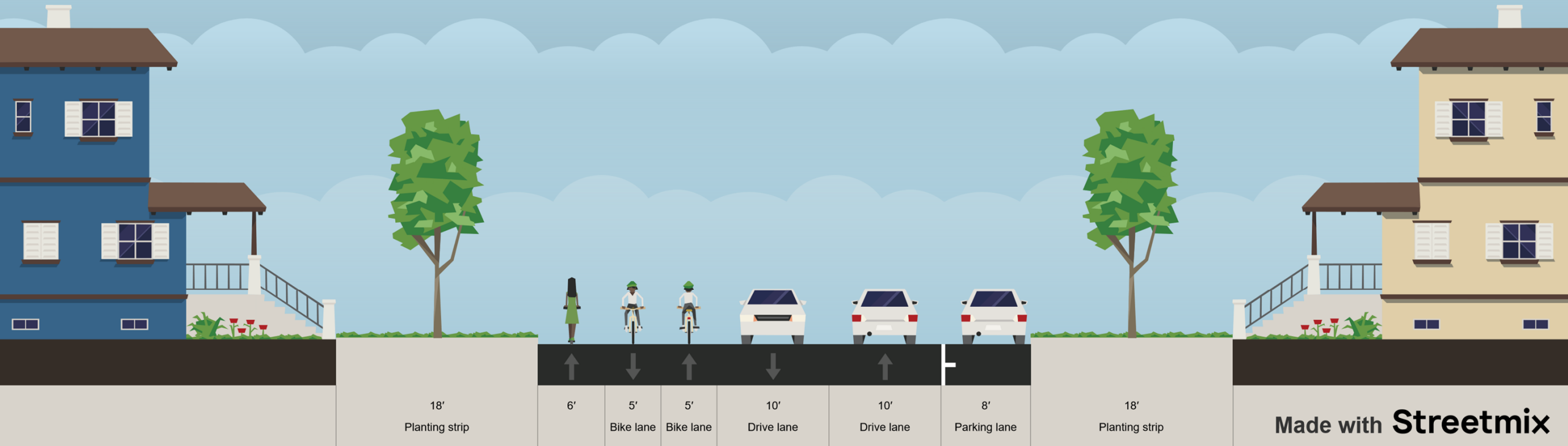
- No markings, 44' total width face of curb to face of curb
- 22' "effective drive lanes" since parking is seldom used

Bike Lanes



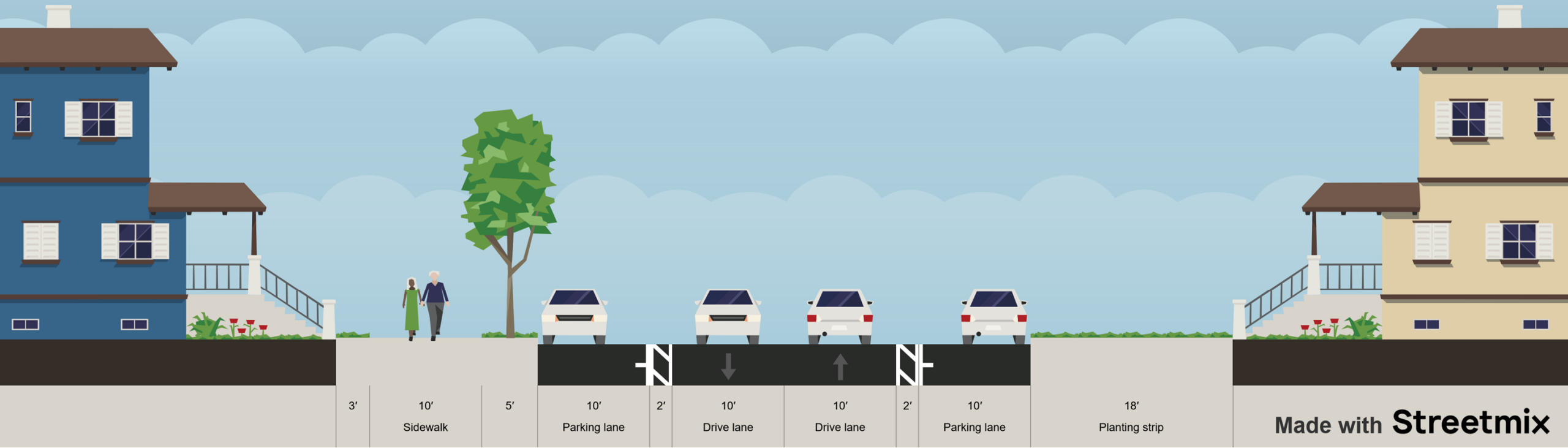
- 10' drive lanes = about 5 mph speed reduction
- Paint centerline and bike lanes – 32,000 LF of paint @ \$0.80/LF = \$25,600

On Street Path



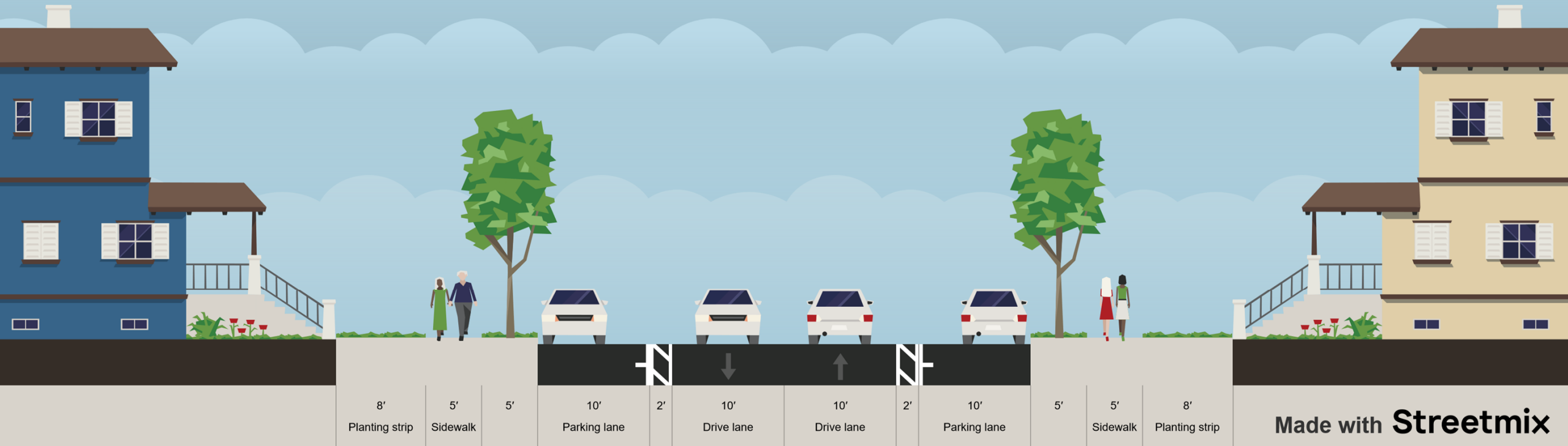
- Lose one side of parking (not generally used)
- No curb modification
- Paint centerline, parking lane, two bike lanes – 32,000 LF of paint @ \$0.80/LF = \$25,600

Bike Path



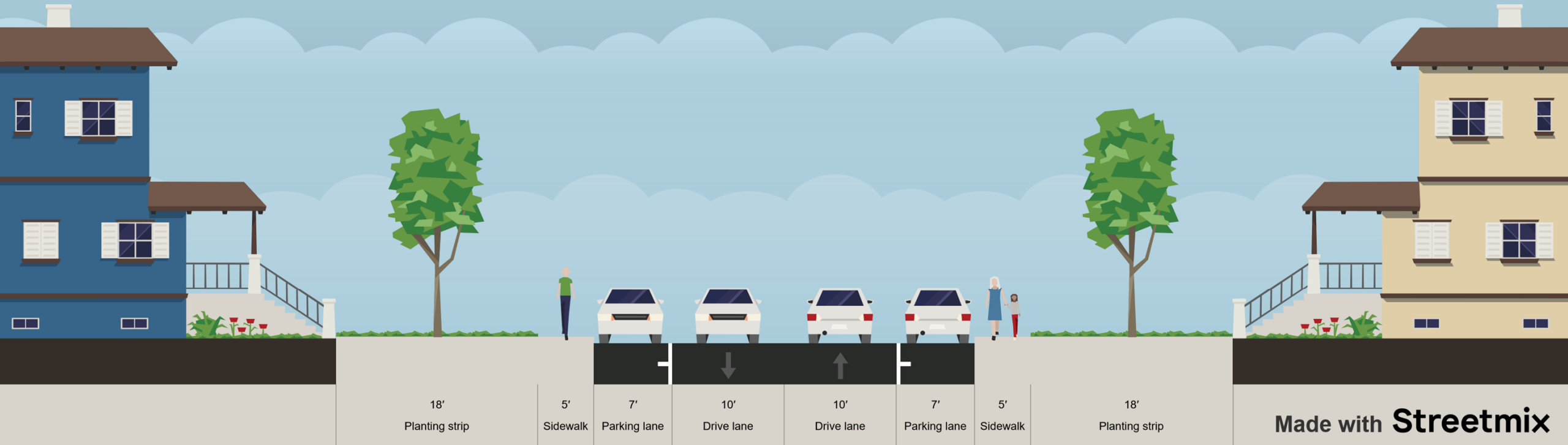
- No curb modification
- 5,400 LF of bike path @ \$50/LF = \$270,000+
- 32,000 LF of pavement marking @ \$0.80/LF = \$25,600

Sidewalks



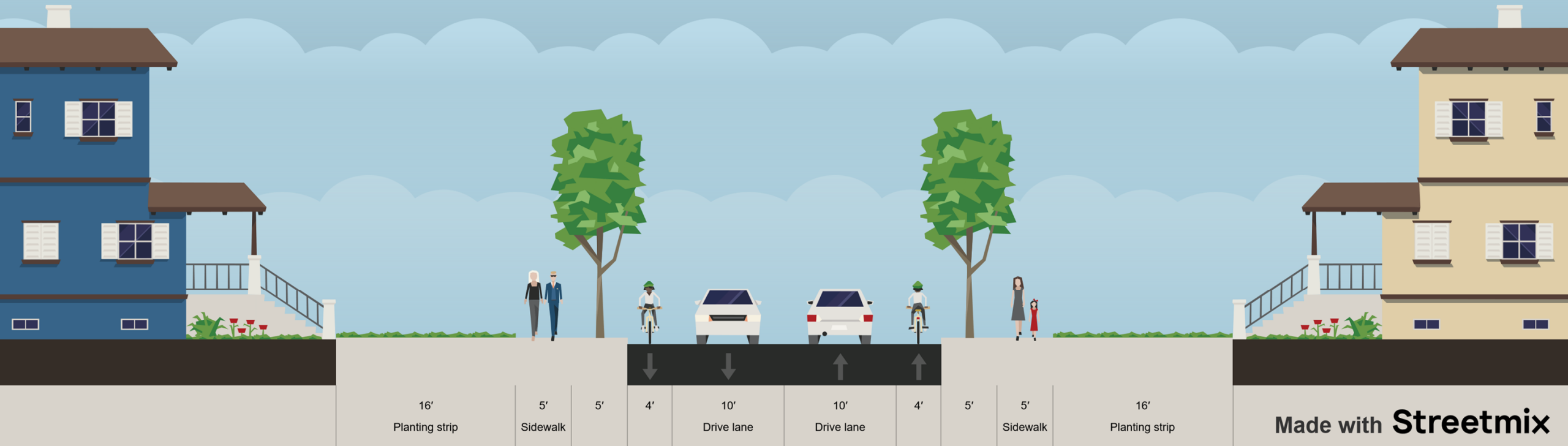
- No curb modification
- 11,000 LF of sidewalk @ \$40/LF = \$440,000+
- 32,000 LF of pavement marking @ \$0.80/LF = \$25,600

Sidewalk Within Footprint



- Every driveway needs to be modified
- 11,000 LF of curb remove and replace @ \$50/LF = \$550,000
- 11,000 LF of sidewalk @ \$25/LF = \$275,000
- 22,000 LF of pavement marking @ \$0.80/LF = \$17,600

Bike Lanes and Sidewalk



- 11,000 LF of curb remove and replace @ \$50/LF = \$550,000
- 11,000 LF of sidewalk @ \$40/LF = \$440,000
- 22,000 LF of pavement marking @ \$0.80/LF = \$17,600