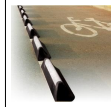


Protected Bike Lane Selection Matrix

|                                                                                                          | Very Good                                                                                                   | Good                                                                                                           | Neutral                                                                                                   | Poor                                                                                                     | Very Poor                                                                                                     |                                                                                                            |                                                                                                              |                                                                                                                              |                                                                                                            |                                                                                                                |                                                                                                         |                                                                                                               |                                                                                                                           |                                                                                                                     |                                                                                                                                |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Scale                                                                                                    | ***                                                                                                         | **                                                                                                             | *                                                                                                         | *                                                                                                        | *                                                                                                             |                                                                                                            |                                                                                                              |                                                                                                                              |                                                                                                            |                                                                                                                |                                                                                                         |                                                                                                               |                                                                                                                           |                                                                                                                     |                                                                                                                                |
|                                                                                                          | <div>Striped Buffer</div>  | <div>Flexible Bollards</div>  | <div>Turtle Bumps</div>  | <div>Large Bumps</div>  | <div>Oblong Low Bumps</div>  | <div>Parking Stops</div>  | <div>Linear Barrier</div>  | <div>6" Cast in Place Barrier Curb</div>  | <div>Parked Cars</div>  | <div>Jersey Barriers</div>  | <div>Planters</div>  | <div>Rigid Bollards</div>  | <div>Cast in Place Barrier Curb</div>  | <div>Precast Barrier Curb</div>  | <div>Raised Cycle Track (Full Recon)</div>  |
| Cost/Benefit                                                                                             |                                                                                                             |                                                                                                                |                                                                                                           |                                                                                                          |                                                                                                               |                                                                                                            |                                                                                                              |                                                                                                                              |                                                                                                            |                                                                                                                |                                                                                                         |                                                                                                               |                                                                                                                           |                                                                                                                     |                                                                                                                                |
| Cost per Foot of Barrier (per side of street)<br><small>*Costs double for barriers on both sides</small> | \$1.50-3/ft.<br>\$8k-16k/mi.                                                                                | \$3-5/ft.<br>\$15k-30k/mi.                                                                                     | \$2-4/ft.<br>\$10k-20k/mi.                                                                                | \$9-18/ft.<br>\$50k-90k/mi.                                                                              | \$12-24/ft.<br>\$60k-130k/mi.                                                                                 | \$4-8/ft.<br>\$20k-40k/mi.                                                                                 | \$4-8/ft.<br>\$20k-40k/mi.                                                                                   | \$5-15/ft.<br>\$25k-75k/mi.                                                                                                  | \$15-60/ft.<br>\$80k-300k/mi.                                                                              | \$15-30/ft.<br>\$80k-160k/mi.                                                                                  | \$15-75/ft.<br>\$80k-400k/mi.                                                                           | \$20-40/ft.<br>\$100k-200k/mi.                                                                                | \$20-40/ft.<br>\$100k-200k/mi.                                                                                            | \$70-115/ft.<br>\$400k-600k/mi.                                                                                     | \$1,500-5,000/ft.<br>\$8,000k-26,000k/mi.                                                                                      |
| Cost                                                                                                     | ***                                                                                                         | **                                                                                                             | **                                                                                                        | **                                                                                                       | **                                                                                                            | **                                                                                                         | **                                                                                                           | **                                                                                                                           | *                                                                                                          | *                                                                                                              | *                                                                                                       | *                                                                                                             | *                                                                                                                         | *                                                                                                                   | *                                                                                                                              |
| Cyclist Perceived Safety                                                                                 | *                                                                                                           | **                                                                                                             | **                                                                                                        | ***                                                                                                      | *                                                                                                             | **                                                                                                         | **                                                                                                           | **                                                                                                                           | ***                                                                                                        | ***                                                                                                            | ***                                                                                                     | ***                                                                                                           | ***                                                                                                                       | ***                                                                                                                 | ***                                                                                                                            |
| Other Considerations                                                                                     |                                                                                                             |                                                                                                                |                                                                                                           |                                                                                                          |                                                                                                               |                                                                                                            |                                                                                                              |                                                                                                                              |                                                                                                            |                                                                                                                |                                                                                                         |                                                                                                               |                                                                                                                           |                                                                                                                     |                                                                                                                                |
| Durability / Maintenance                                                                                 | *                                                                                                           | *                                                                                                              | **                                                                                                        | **                                                                                                       | **                                                                                                            | **                                                                                                         | **                                                                                                           | **                                                                                                                           | ***                                                                                                        | ***                                                                                                            | *                                                                                                       | **                                                                                                            | ***                                                                                                                       | **                                                                                                                  | ***                                                                                                                            |
| Sweeping                                                                                                 |                                                                                                             | Depends on Width                                                                                               | Depends on Width                                                                                          | Depends on Width                                                                                         | Depends on Width                                                                                              | Depends on Width                                                                                           | Depends on Width                                                                                             | Depends on Width                                                                                                             |                                                                                                            | Depends on Width                                                                                               | Depends on Width                                                                                        | Depends on Width                                                                                              | Depends on Width                                                                                                          | Depends on Width                                                                                                    | Depends on Width                                                                                                               |
| Trash Collection                                                                                         | ***                                                                                                         | *                                                                                                              | ***                                                                                                       | *                                                                                                        | ***                                                                                                           | ***                                                                                                        | ***                                                                                                          | ***                                                                                                                          | Depends on Time of Day                                                                                     | *                                                                                                              | *                                                                                                       | *                                                                                                             | ***                                                                                                                       | ***                                                                                                                 | ***                                                                                                                            |
| Storm Water                                                                                              | ***                                                                                                         | **                                                                                                             | **                                                                                                        | **                                                                                                       | **                                                                                                            | *                                                                                                          | **                                                                                                           | **                                                                                                                           | ***                                                                                                        | *                                                                                                              | *                                                                                                       | **                                                                                                            | *                                                                                                                         | *                                                                                                                   | *                                                                                                                              |
| Traffic Compatibility<br>(Motor vehicle / barrier interactions)                                          | ***                                                                                                         | ***                                                                                                            | *                                                                                                         | *                                                                                                        | **                                                                                                            | **                                                                                                         | **                                                                                                           | ***                                                                                                                          | **                                                                                                         | ***                                                                                                            | **                                                                                                      | *                                                                                                             | ***                                                                                                                       | **                                                                                                                  | ***                                                                                                                            |
| Aesthetics<br>(factoring in damage over time)                                                            |                                                                                                             | *                                                                                                              | *                                                                                                         | **                                                                                                       | *                                                                                                             | *                                                                                                          | *                                                                                                            | *                                                                                                                            | *                                                                                                          | *                                                                                                              | ***                                                                                                     | **                                                                                                            | **                                                                                                                        | **                                                                                                                  | **                                                                                                                             |
| Construction Impacts                                                                                     | ***                                                                                                         | **                                                                                                             | **                                                                                                        | **                                                                                                       | **                                                                                                            | **                                                                                                         | **                                                                                                           | *                                                                                                                            | ***                                                                                                        | **                                                                                                             | **                                                                                                      | *                                                                                                             | *                                                                                                                         | **                                                                                                                  | *                                                                                                                              |
| Width Required                                                                                           | 1.5'                                                                                                        | 1.5'                                                                                                           | 1.5'                                                                                                      | 1.5'                                                                                                     | 1.5'                                                                                                          | 1/2'                                                                                                       | 1/2'                                                                                                         | 1/2'                                                                                                                         | 8' If not existing                                                                                         | 2'                                                                                                             | 3'                                                                                                      | 2'                                                                                                            | 1'                                                                                                                        | 1'                                                                                                                  | 0'                                                                                                                             |