

OSTPR MASTER PLAN INTERSECTION IMPROVEMENTS

PLEASE NOTE:

- **Completed trail sections are not shown on the Missing Links Map. However the trail improvement I.D. tag, such as LL1, has been removed from the map upon completion of the improvement. The trail improvement does remain in the notebook to document which trails have been built over the years.**
- **The specific design, trail material and width will be determined when the project is implemented. The trail information provides conceptual recommendations on the design.**

**OSTPR MASTER PLAN
INTERSECTION IMPROVEMENTS**

Resolving conflicts at intersections and providing grade separation for multi-use pathways is an important component of the planned trail network. To minimize the capital cost of the improvements coordination with roadway re/construction and new development should become paramount. The following guidelines should be applied when evaluating new intersections:

- Roadway intersections should provide an efficient and safe design for on-street bicycle lanes and sidewalks. This should include ground markings and signage for bicyclists and “countdown” crosswalk signals for pedestrians.
- All underpasses should offer a connection to on-street bicycle lanes and sidewalks in a direct and straightforward design. This should include appropriate wayfinding signage and lighting.
- Multi-use pathways that intersect with neighborhood streets at-grade should provide raised pavement and user activated flashing signage. When feasible, grade separations should be provided.

The table below provides an inventory of existing intersections that have been identified as critical to the planned trail network. Included in the description are proposed improvements to specific locations. Further design and analysis are necessary. Additional crossing improvements may be appropriate and should be evaluated in any significant intersection improvement project.

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
1	96 th Street and Parkway Circle	Drainage culvert underpass	Convert culvert to pedestrian underpass with concrete pathway and lighting	Regional connection to Superior and Boulder County (<i>see RT1</i>)
2	Industrial Lane and Broomfield Trail	N/A	At-grade crossing with raised pavement and user-activated flashing signage (<i>Short Term</i>) Bicycle/Pedestrian underpass as part of the redesign for Industrial Lane/Midway Blvd.	Broomfield Trail from Interlocken to Lac Amora (<i>see BT2</i>)

			<i>(Long Term)</i>	
MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
3	Union Pacific Railroad Tracks and Broomfield Trail	N/A	Bicycle/Pedestrian overpass at section of depressed Railroad tracks	Broomfield Trail from Interlocken to Lac Amora (<i>see BT2</i>)
4	West Midway Boulevard and Broomfield Trail	N/A	At-grade crossing with raised pavement and user-activated flashing signage (<i>Short Term</i>) Possible Bicycle/Pedestrian underpass as part of the redesign for the Midway Boulevard Corridor if traffic warrants (<i>Long Term</i>)	Broomfield Trail from Interlocken to Lac Amora (<i>see BT2</i>)
5	Compton Street and Broomfield Trail	N/A	At-grade crossing with raised pavement and user-activated flashing signage	Broomfield Trail from Interlocken to Lac Amora (<i>see BT2</i>)
6	Hoyt Street and Richard Steele Park	N/A	At-grade crossing with raised pavement and user-activated flashing signage	Broomfield Trail and Lake Link Trail (<i>see NC2</i>)
7	10 th Avenue and Zang Spur Park	N/A	At-grade crossing with raised pavement and user-activated flashing signage	Broomfield Trail from Richard Steele Park to Zang Spur Park (<i>see BT3</i>)

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
8	Nickel Street and West 120 th Avenue and Industrial Lane	Signalized intersection with pavement treatments	Complete the network of sidewalks on 120 th Avenue and provide a Bicycle/Pedestrian overpass at Industrial Lane and Railroad tracks	Park and Ride access <i>(Short Term)</i> Separation from high frequency RTD commuter trains <i>(Long Term)</i>
9	West Midway and US Highway 287	Signalized intersection with pavement treatments	Enhanced at-grade crossing with accommodation for on-street bicycle lanes and multi-use paths	On-street bicycle connection from “The Field” to Lac Amora trailhead
10	6 th Avenue and US Highway 287	Signalized intersection with pavement treatments	Enhanced at-grade crossing with accommodation for 8-foot multi-use path	Southeast Community Loop Trail from Midway Park to 10 th Avenue <i>(see SECL1)</i>
11	Rock Creek Trail and US Highway 287	Drainage culvert underpass	Convert culvert to pedestrian underpass with concrete pathway and lighting	Regional connection to Boulder County Open Space <i>(see RT6)</i>
12	10 th Avenue and Southeast Community Loop Trail	N/A	At-grade crossing with raised pavement and user-activated flashing signage	Southeast Community Loop Trail across 10 th Avenue to Broomfield Trail <i>(see SECL1)</i>

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
13	West of Midway Boulevard and Kohl Street	Signalized intersection with crosswalks	At-grade crossing with raised pavement (user activated lighting already exists) <i>(Short Term)</i> Bicycle/Pedestrian underpass as part of the redesign for the Midway Boulevard Corridor <i>(Long Term)</i>	Southeast Community Loop Trail from Midway Park to David Milliman Fields <i>(see SECL3)</i>
14	Kohl Street and Broomfield Trail (south of Miramonte Boulevard)	Pedestrian crossing signage	At-grade crossing with raised pavement and user-activated flashing signage	Broomfield Trail
15	Main Street and Emerald Park	Signalized intersection with crosswalks	Bicycle/Pedestrian underpass, if drainage culvert is reconstructed	Southeast Community Loop Trail from Emerald Park to Community Center
16	Main Street and 14 th Avenue	Pedestrian crossing signage	At-grade crossing with raised pavement and user-activated flashing signage	Broomfield Trail connection to Eagle Trace neighborhood <i>(see BT4)</i>
17	Main Street and West 136 th Avenue	N/A	At-grade crossing with raised pavement and user-activated flashing signage	The Ridgeview Trail to 136 th Avenue and the Broomfield Trail
18	Sheridan Boulevard and Highland Park	Drainage culvert underpass	Convert culvert to pedestrian underpass with concrete pathway and lighting	Southeast Community Loop Trail from Country Vista/ Highland Park <i>see SEC L5</i>

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
19	Midway Boulevard west of Sheridan Avenue	N/A	At-grade crossing with raised pavement and user-activated flashing signage (<i>Short Term</i>) Bicycle/Pedestrian underpass as part of the redesign for the Midway Boulevard Corridor (<i>Long Term</i>)	Connection to Broomfield County Commons and “The Field” (<i>see NC10</i>)
20	Sheridan and West 144 th Avenue	N/A	Bicycle/Pedestrian underpass as part of the reconstruction of the intersection	Broomfield Trail from Aspen Creek and the Wottge Property to Glasser Reservoir (<i>see BT5/6</i>)
21	Perry Street and Southeast Community Loop Trail	N/A	At-grade crossing with raised pavement and user-activated flashing signage	Southeast Community Loop Trail across Perry Street (<i>see NC15</i>)
22	Lowell Boulevard near 120 th Avenue	N/A	Bicycle/Pedestrian underpass as part of the redesign for the Lowell Boulevard Corridor	Southeast Community Loop Trail to Big Dry Creek Trail (<i>see RT3</i>)
23	Lowell Boulevard and 124 th Avenue	Signalized intersection	At-grade crossing with raised pavement and user-activated flashing signage	Southeast Community Loop Trail across 124 th Avenue (<i>see SECL7</i>)

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
24	Lowell Boulevard and Westlake Drive	Signalized intersection	Enhanced at-grade crossing or if feasible, a Bicycle/Pedestrian underpass	Broomfield County Commons to Westlake neighborhood
25	Lowell Boulevard and Westlake Trail Extension	N/A	Bicycle/Pedestrian underpass as part of the redesign for the Lowell Boulevard	Broomfield County Commons to Westlake neighborhood
26	128 th Avenue between Lowell Boulevard and Zuni Street	Landscape Median	At-grade crossing with raised pavement and user-activated flashing signage	Southeast Community Loop Trail across 128 th Avenue
27	Zuni Street and 136 th Avenue	Signalized intersection	Enhanced at-grade crossing with accommodation for multi-use path	Southeast Community Loop Trail across 136 th Avenue
28	136 th Avenue east of Zuni Street	Drainage culvert underpass	Convert culvert to pedestrian underpass with concrete pathway and lighting	Regional connection to the Big Dry Creek Trail (<i>see RT4</i>)
29	Zuni Street and 144 th Avenue	N/A	At-grade crossing with raised pavement and user activated flashing signal (<i>Short Term</i>) Bicycle/Pedestrian underpass as part of the reconstruction of the intersection (<i>Long Term</i>)	Southeast Community Loop Trail to the Broomfield Trail

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
30	CO Highway 128 and Eldorado Boulevard	Signalized Intersection	Enhanced at-grade crossing with accommodation for multi-use path-future underpass may be warranted	Broomfield Trail from Great Western Reservoir to Interlocken (<i>see BT1</i>)
31	Simms Street and Walnut Creek Trail	N/A	Bicycle/Pedestrian underpass	Regional connection to Walnut Creek Trail
32	Sheridan Boulevard north of 144 th Avenue	N/A	Bicycle/Pedestrian underpass as part of the Wildgrass subdivision	North Community Link Trail to Broomfield Trail
33	Lowell Boulevard north of 144 th Avenue	N/A	Bicycle/Pedestrian underpass as part of the reconstruction of Lowell Boulevard	North Community Link Trail to Broomfield Trail
34	136 th Avenue east of Aspen Street	N/A	At-grade crossing with raised pavement and user-activated flashing signage (<i>Short Term</i>) Bicycle/Pedestrian underpass as part of the redesign for the Aspen St./W. 136 th Ave. Intersection Design (<i>Long Term</i>)	Eagle Crest neighborhood to the Broomfield Trail
35	Sheridan Boulevard east of Lowell Boulevard	N/A	Bicycle/Pedestrian underpass as part of the Sheridan Boulevard and Preble Creek construction	Northwest Parkway Trail to Broomfield Trail

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
36	Sheridan Boulevard and Lowell Boulevard	N/A	Bicycle/Pedestrian underpass as part of the Sheridan Boulevard and Lowell Boulevard reconstruction	North Community Link Trail to Broomfield Trail
37	Northwest Parkway Station #275 (West of Wildgrass)	N/A	Bicycle/Pedestrian underpass as part of the Northwest Parkway	Northwest Parkway Trail to Broomfield Trail <i>(See NC22)</i>
38	State Highway 7 northwest of Sheridan Boulevard	N/A	Bicycle/Pedestrian underpass as part of the Interstate-25 Sub Area Plan	Preble Creek to Thornton trail system to the east
39	East Midway Avenue and Lamar Street	N/A	At-grade crossing with raised pavement and user-activated flashing signage <i>(Short Term)</i> Bicycle/Pedestrian underpass as part of the redesign for the Midway Boulevard Corridor <i>(Long Term)</i>	The Field to the City and County Complex
40	Main Street north of 112 th Avenue – Completed 2004	N/A	Enhanced at-grade crossing with light and user-activated flashing signage	Greenway park HOA to future Broomfield Urban Transit Village <i>(See NC7)</i>

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
41	West of 10 th Avenue and Ash Street intersection	Pavement Markings	At-grade crossing with raised pavement and user-activated flashing signage (<i>Short Term</i>) Possible Bicycle/Pedestrian underpass as part of the redesign for the Midway Boulevard Corridor (<i>Long Term</i>)	Connection between The Field and Broomfield County Commons
42	Sheridan Boulevard and Le Gault Reservoir	N/A	Bicycle/Pedestrian underpass	Connection to Broomfield County Commons at Le Gault Reservoir (<i>See NC12</i>)
43	136 th Avenue between Sheridan Boulevard and Aspen Street	N/A	At-grade crossing with raised pavement and user-activated signage	Eagle Trace neighborhood to middle school
44	Indiana Avenue south of CO Highway 128	N/A	Bicycle/Pedestrian underpass	Great Western Reservoir to Rocky Flats Wildlife Refuge
45	Rock Creek Trail and Northwest Parkway	In Construction	Lighting and Signage	Northwest Parkway trail to Rock Creek Trail
46	Industrial Lane and Parkway Circle Project	N/A	Bicycle/Pedestrian underpass retrofitted in culvert beneath railroad tracks	Northwest Parkway Trail/ Lake Link Trail

MAP KEY	LOCATION	CURRENT CONFIGURATION	PROPOSED IMPROVEMENT	TRAIL CONNECTION
47	TOD village and NC 6 (near US Highway 36)	N/A	Bicycle/Pedestrian overpass/underpass as part of the construction of 112 th Avenue	TOD village to Big Dry Creek Trail
48	112 th Avenue/BIP Ballfields	N/A	Bicycle/Pedestrian underpass beneath railroad tracks	TOD village to Big Dry Creek Trail/BIP Ballfields
49	Wadsworth Boulevard and TOD trail	N/A	See US 36 interchange plans for improvement	See US 36 interchange plans for improvement
50	CO Highway 128 and Wadsworth Boulevard	N/A	See US 36 interchange plans for improvement	See US 36 interchange plans for improvements
51	US Highway 36 and Wadsworth Boulevard	N/A	See US 36 interchange plans for improvement	See US 36 interchange plans for improvement
52	Wadsworth Boulevard and Nickel Street connection	N/A	See US 36 interchange plans for improvement	See US 36 interchange plans for improvement
53	Interstate 25 north of State Highway 7	N/A	Bicycle/Pedestrian underpass at one of two locations along Interstate 25	Broomfield Trail west to Big Dry Creek Trail
54	US Highway 36 south of intersection with US Highway 287	N/A	Bicycle/Pedestrian underpass with the construction of Broomfield Transit Village	Broomfield Industrial Park to Broomfield Transit Village
55	Interstate 25 north of Weld County Road 6	N/A	Bicycle/Pedestrian underpass at one of two locations along Interstate 25	The Broomfield Trail to Town of Erie trails

Map Key	Location	Current Configuration	Proposed Improvement	Trail Connection
56	120 th Avenue and Main Street	N/A	Unspecified underpass or intersection crossing improvement	Broomfield Center to the 120 th Avenue corridor and the Big Dry Creek Trail
57	1 st Avenue and Sheridan Boulevard	N/A	Unspecified underpass or intersection crossing improvement	The City and County Complex to the Southeast Community Loop Trail