



FIVE POINTS ACTION PLAN UPDATE

Neighborhood Transportation Management Program

Denver Public Works

September 5, 2019



TOPICS

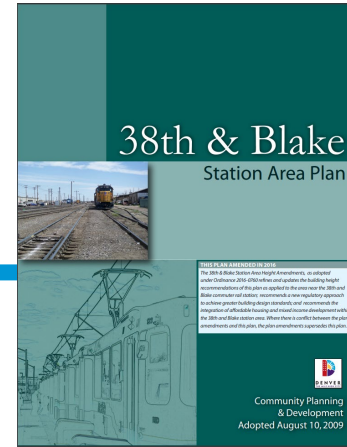
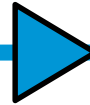
- Past Studies
- Review NE Neighborhoods Next Steps Study (2015) Progress
- NTMP: Five Points Update
 - What is the Neighborhood Transportation Management Program?
 - NTMP Action Plan Process Review
 - Five Points Timeline Update
 - Action Plan Online
 - NTMP: Five Points Installation Status
- Looking Forward
- Questions

PAST STUDIES:

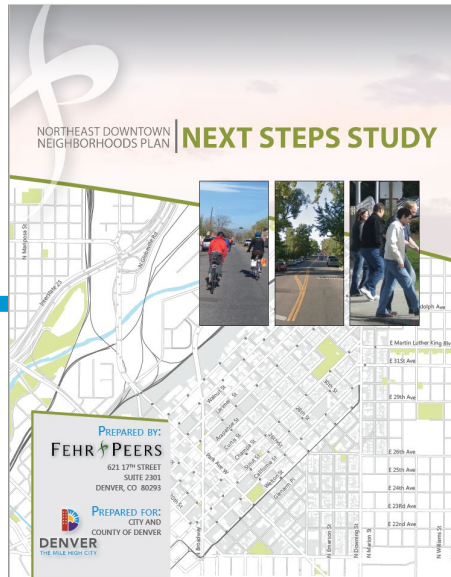
CURTIS PARK NEIGHBORHOOD ASSESSMENT

OCTOBER 2007

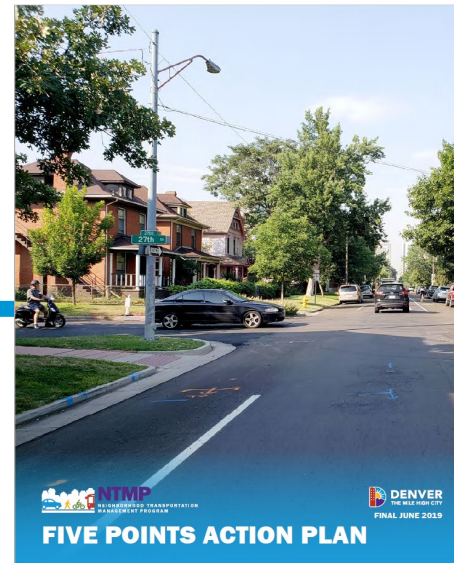
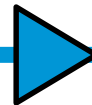
Curtis Park Neighborhood Assessment (2007)



38th & Blake Station Area Plan (2009) Next Steps (2011)



NE Downtown Neighborhoods Study (2011) Next Steps (2015)

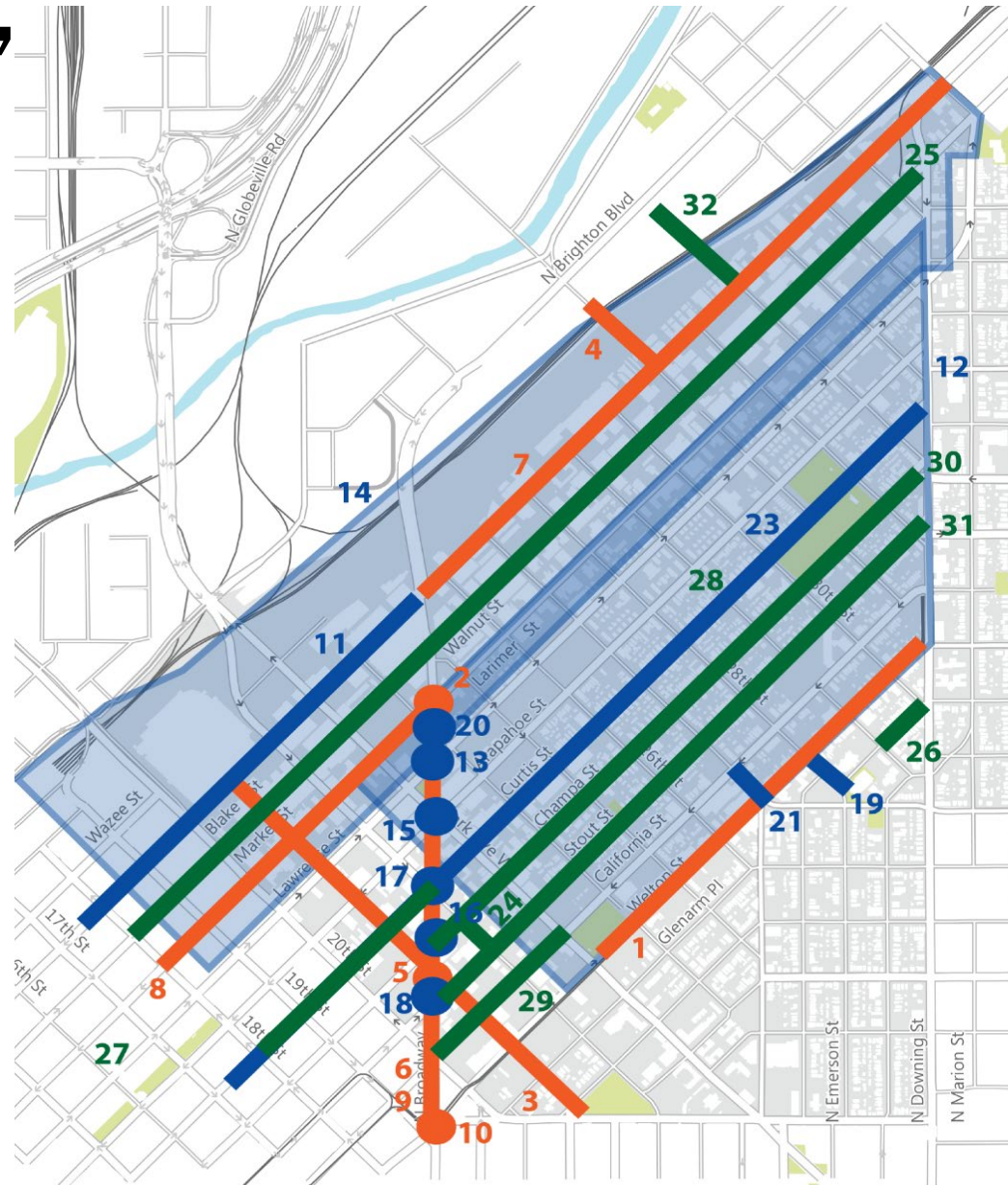


NTMP: Five Points Action Plan (2019)



NE DOWNTOWN STUDY (2011), NEXT STEPS (2015), OVERVIEW

- Expands on the Curtis Park Neighborhood Assessment (2007)
- Process:
 - Identify & Prioritize a Project List
 - Prioritized by four key elements
 - Cost Estimates Produced



NE DOWNTOWN NEXT STEPS STUDY (2015)

TIER 1 PROJECT STATUS

1	Welton St: One to Two Way Conversion (Park Ave to Downing)	Needs Additional Study
2	Larimer St: Ped/Bike Crossing at Broadway	Elevate Denver Bond Program
3	21st St: Festival St/Bike Boulevard (Blake to 20th Avenue)	Study/Design Starts 2020
4	31st St Bicycle/Pedestrian Bridge (over UPRR tracks)	RiNo Railroad Connectivity Study
5	21st St: Ped/Bike Crossing at Broadway	Complete
6	Broadway Study: Ped/Bike Crossings (Welton to Larimer)	Study Starts 2020
7	Blake St: One to Two Way Conversion (38th St to Broadway)	Complete
8	Larimer St: One to Two Way Conversion (Broadway to 18th St)	Needs Additional Study
9	Broadway: Study to Evaluate Alternatives (Arapahoe to Welton)	Study Starts 2020
10	Welton St: Ped/Bike Crossing at Broadway	Study Starts 2020

NE DOWNTOWN NEXT STEPS STUDY (2015)

TIER 2 PROJECT STATUS

	<u>Project Name</u>	<u>Status</u>
11	Blake St: One to Two Way Conversion (Broadway to 18th St)	Needs Additional Study
12	Curtis Park Traffic Calming Opportunities	NTMP, Neighborhood Bikeways
13	Lawrence St: Ped/Bike Crossing at Broadway	Improved
14	River North and Ballpark Complete Sidewalk Network	Needs Additional Study
15	Arapahoe St: Ped/Bike Crossing at Broadway	Improved
16	Champa St: Ped/Bike Crossing at Broadway	Improved
17	Curtis St: Ped/Bike Crossing at Broadway	Not Started, Study Starts 2020
18	Stout St: Ped/Bike Crossing at Broadway	Improved
19	28th St: One to Two Way Conversion (Welton to Glenarm)	NTMP Project
20	24th St: Ped/Bike Crossing at Broadway	Not Started, Study Starts 2020
21	27th St: One to Two Way Conversion (Welton to California)	Needs Additional Study
22	Study Connecting Parks to Destination Areas	Needs Additional Study
23	Curtis St Enhance Pedestrian Environment	Needs Additional Study

NE DOWNTOWN NEXT STEPS STUDY (2015)

TIER 3 PROJECT STATUS

	<u>Project Name</u>	<u>Status</u>
24	22nd St: One to Two Way Conversion (Champa to Stout)	Needs Additional Study
25	Glenarm Pl: One to Two Way Conversion (29th Street to Downing)	Needs Additional Study
26	Walnut St: One to Two Way Conversion (18th to Downing)	Design 2020: Broadway to Downing
27	Downtown Strategic Transportation Plan Travelshed Analysis	DM: Downtown 2019-2020
28	Curtis St: One Way to Two Way Conversion (18th St to Broadway)	Needs Additional Study
29	California St: One Way to Two Way Conversion (Park Ave to Broadway)	Needs Additional Study
30	Champa St: One to Two Way Conversion (Downing to Broadway)	Needs Additional Study
31	Stout St: One to Two Way Conversion (Broadway to Downing)	Needs Additional Study
32	33rd St Multimodal Bridge (across UPRR tracks)	RiNo Railroad Connectivity Study



WHAT IS THE NEIGHBORHOOD TRANSPORTATION MANAGEMENT PROGRAM?

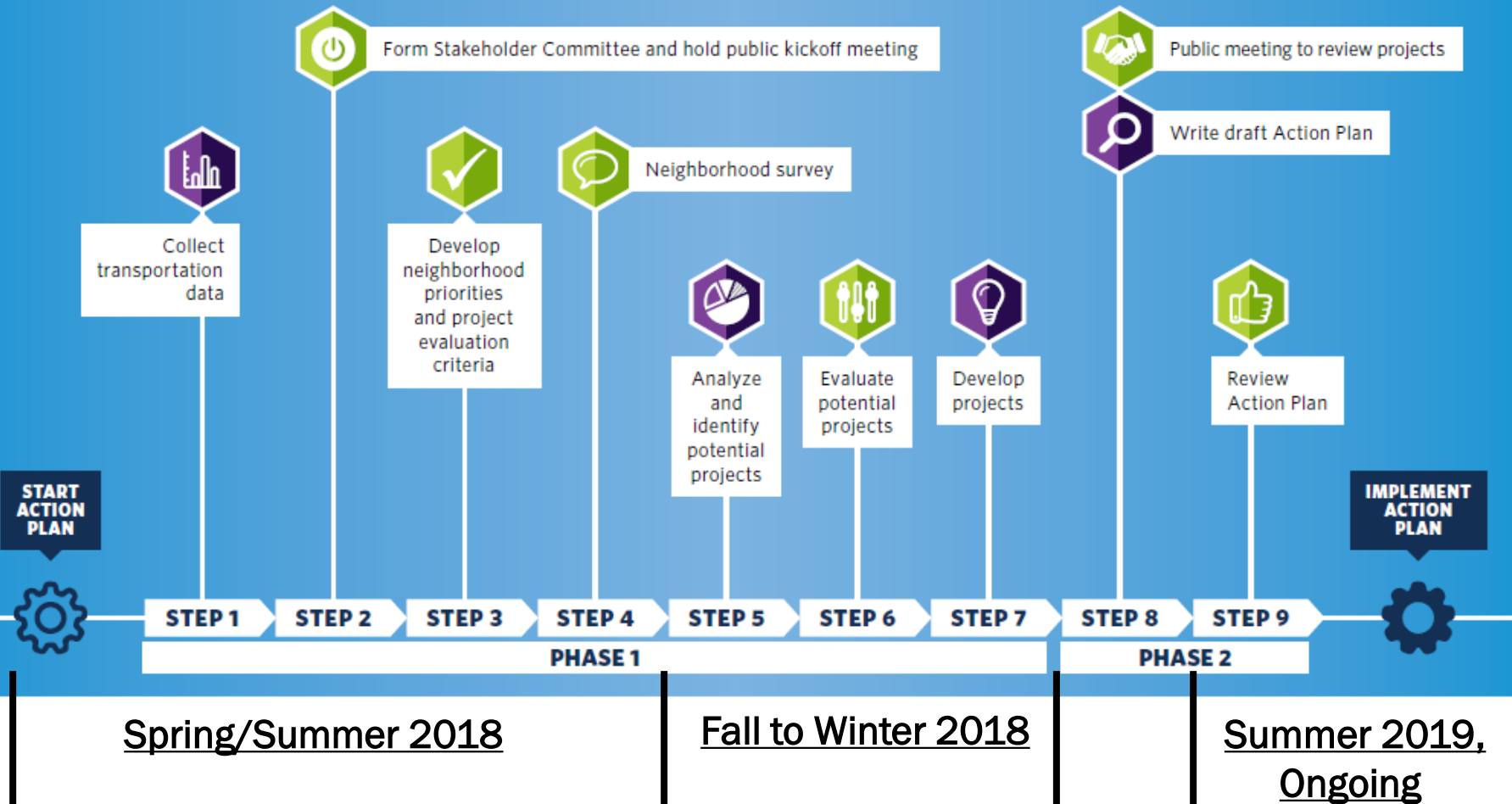
The NTMP is a new program from Public Works that identifies and delivers solutions to **holistically** address our neighborhood's **transportation priorities and challenges**, through **proactive outreach** to residents. The program thoughtfully identifies **operational improvements** and **longer-term projects**.

FIVE POINTS ACTION PLAN PROCESS

THIS PLAN IS A COLLABORATION WITH THE COMMUNITY AND ITS STAKEHOLDERS

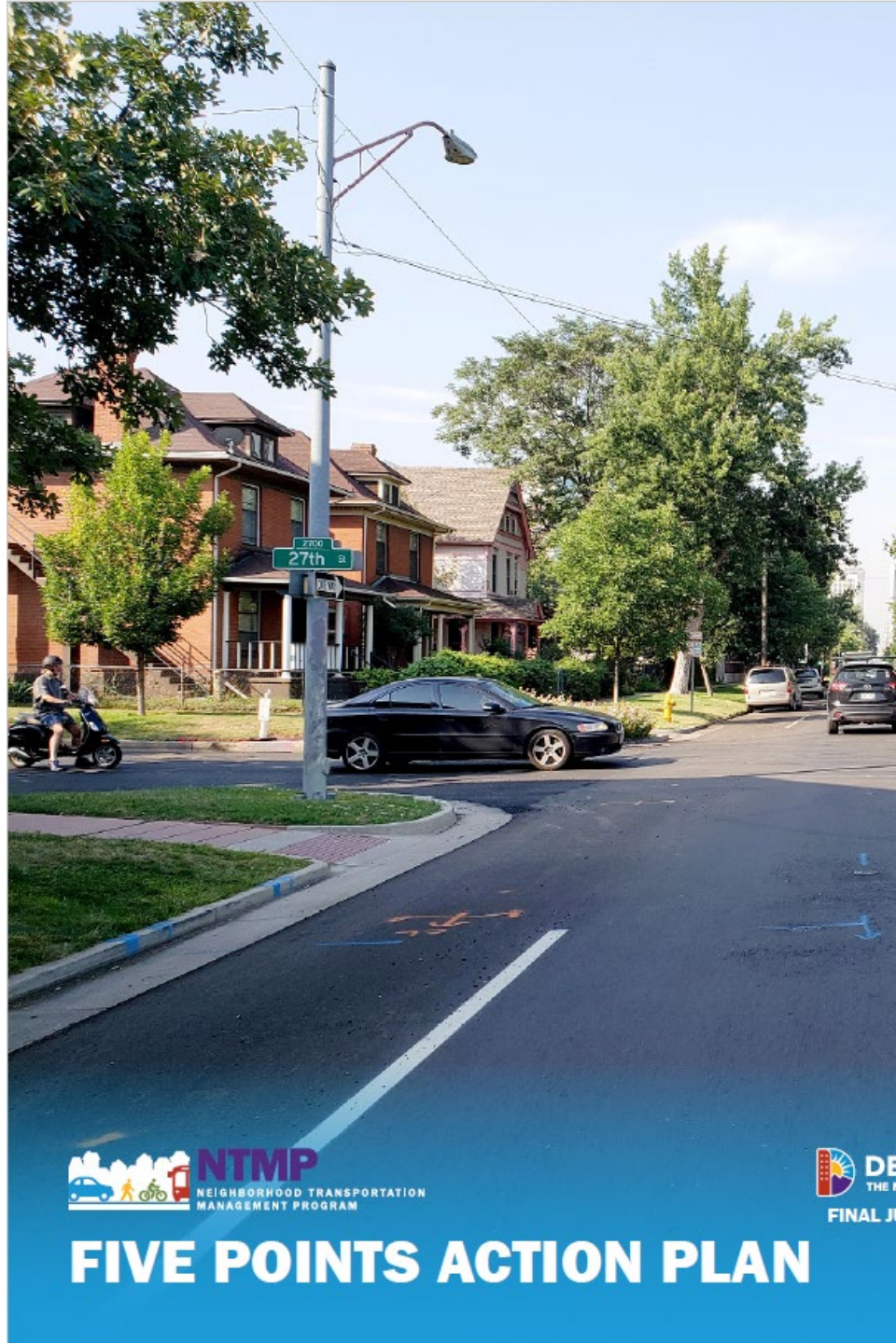
 CITY AND COUNTY OF DENVER ACTION

 COMMUNITY AND STAKEHOLDER ACTIONS



FIVE POINTS ACTION PLAN UPDATE

- Plan is **completed** and **uploaded** to the NTMP Website
- **NTMP Operational Improvements** are being installed/reviewed/designed
- **NTMP Projects** - Designs are in the process of or planned to get underway over next 2 months.



FINAL NTMP PROJECT MAP, PART 1

LEGEND

NTMP Operational Improvements

- New 4-Way Stop
- 4-Way Stop Study Underway
- Reverse 2-Way Stop (Stop Sign Flip)
- Intersection Daylighting
- Crosswalks and Stop Bars
- Crosswalks and Pedestrian Crossing Signs
- Adjust Signal Timing For Improved Pedestrian Crossings
- Bike Lanes
- Wayfinding Sharrows

NTMP Projects

- Detailed NTMP Concepts
- Rectangular Rapid Flashing Beacons (RRFBs)
- Convert One-Way To Two-Way

Future Projects

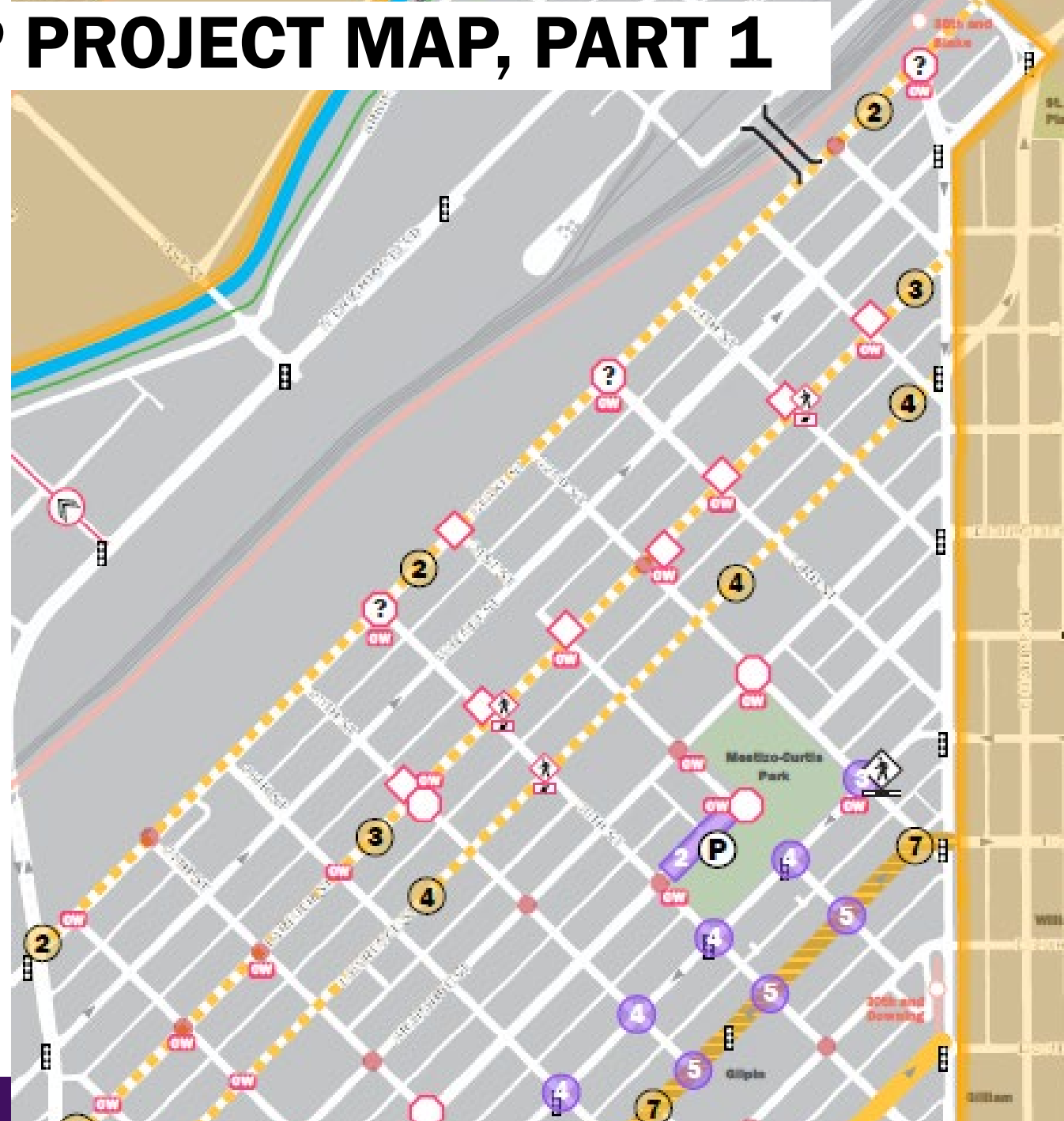
- Proposed New Traffic Signal
- Five Points Pedestrian Plaza
- Speed Limit Reduction Study
- Stout Street Two-Way Conversion Feasibility Study
- Welton Street Study

Existing Conditions

- Five Points Neighborhood
- Traffic Signals
- RTD Rail Transit Stations
- RTD Rail Transit Lines
- One Way Street Direction
- All-Way Stop
- Bike/Ped Overpasses

0 500 feet

- 2019 NTMP Projects**
- 29th Ave and Chestnut St: Painted Bulbouts and Crosswalk
 - Curtis Street From 30th St to 31st St: Add Back-In Angle Parking Along Park
 - 32nd St and Champa St: RRFB Pedestrian Crossing and Painted Bulbouts
 - Champa St From 24th St to 32nd St: Painted Bulbouts At Intersections
 - Stout St From 24th St to 31st St: Painted Bulbouts At Intersections
 - 28th St East of Welton: Convert To Two-Way
- Future Projects**
- Welton Street and 27th St/26th Ave/Washington Street (Five Points): Pedestrian Plaza and Painted Bulbouts
 - Blake Street from Broadway to 36th: Speed Limit Reduction Study
 - Larimer Street from Broadway to Downing: Speed Limit Reduction Study
 - Lawrence Street from 25th to Downing: Speed Limit Reduction Study
 - 27th Street from Stout to Welton: Speed Limit Reduction Study
 - 26th Ave from Welton St to Downing: Speed Limit Reduction Study
 - Stout Street from Park Ave to 31st Ave/32nd Ave: Two-Way Conversion Study
 - Welton Street from Park Ave to Downing St/ 29th Ave: Street Study
 - 26th Street and Stout Street: Proposed Traffic Signal



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FINAL NTMP PROJECT MAP, PART 2

LEGEND

NTMP Operational Improvements

- New 4-Way Stop
- 4-Way Stop Study Underway
- Reverse 2-Way Stop (Stop Sign Flip)
- Intersection Daylighting
- Crosswalks and Stop Bars
- Crosswalks and Pedestrian Crossing Signs
- Adjust Signal Timing For Improved Pedestrian Crossings
- Bike Lanes
- Wayfinding Sharrow

NTMP Projects

- Detailed NTMP Concepts
- Rectangular Rapid Flashing Beacons (RRFBs)
- Convert One-Way To Two-Way

Future Projects

- Proposed New Traffic Signal
- Five Points Pedestrian Plaza
- Speed Limit Reduction Study
- Stout Street Two-Way Conversion Feasibility Study
- Welton Street Study

Existing Conditions

- Five Points Neighborhood
- Traffic Signals
- RTD Rail Transit Stations
- RTD Rail Transit Lines
- One Way Street Direction
- All-Way Stop
- Bike/Ped Overpasses

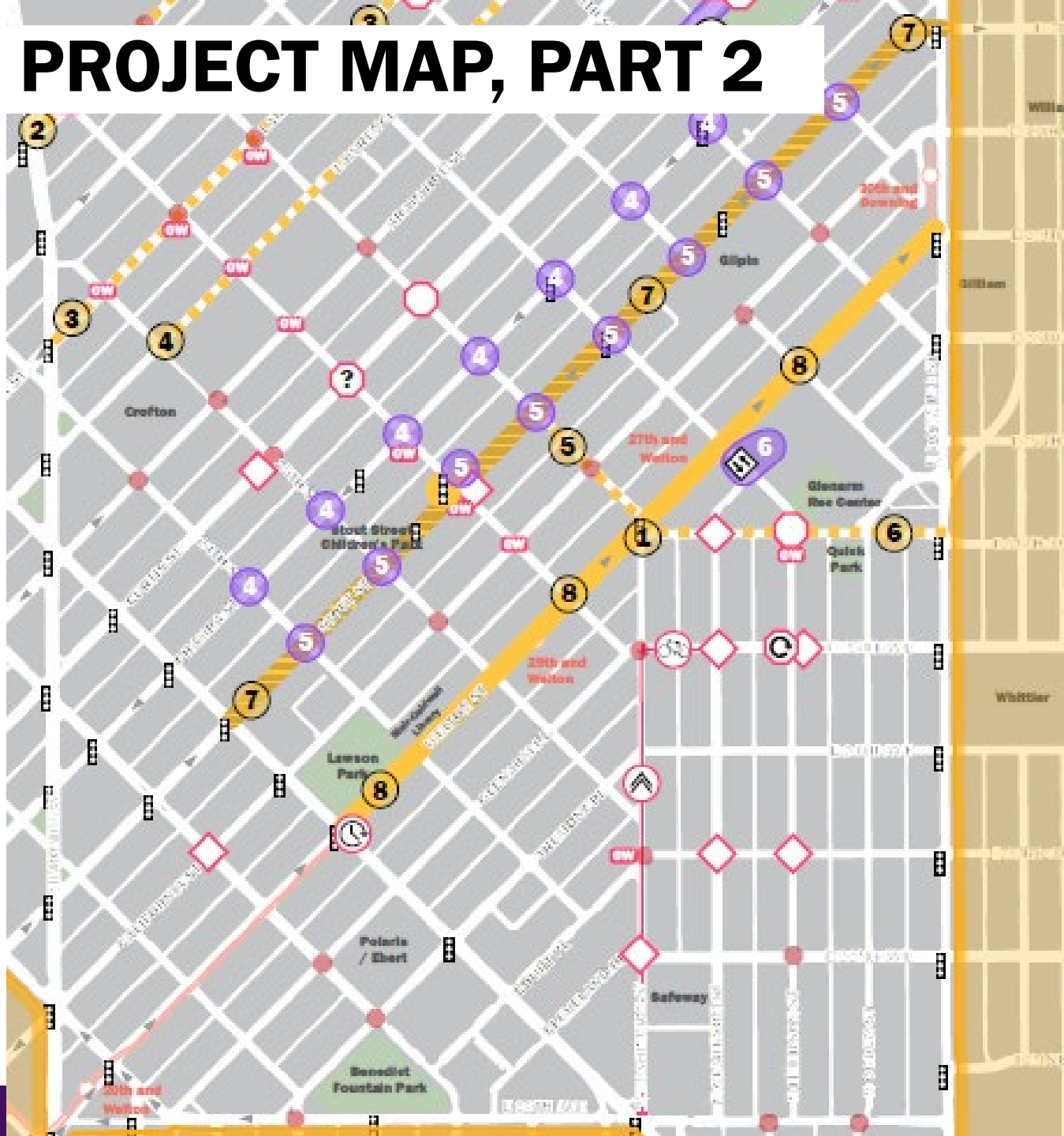
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2019 NTMP Projects

- 1 29th Ave and Chestnut St: Painted Bulbouts and Crosswalk
- 2 Curtis Street From 30th St to 31st St: Add Back-In Angle Parking Along Park
- 3 32nd St and Champa St: RRFB Pedestrian Crossing and Painted Bulbouts
- 4 Champa St From 24th St to 32nd St: Painted Bulbouts At Intersections
- 5 Stout St From 24th St to 31st St: Painted Bulbouts At Intersections
- 6 28th St East of Welton: Convert To Two-Way

Future Projects

- 1 Welton Street and 27th St/26th Ave/Washington Street (Five Points): Pedestrian Plaza and Painted Bulbouts
- 2 Blake Street from Broadway to 36th: Speed Limit Reduction Study
- 3 Larimer Street from Broadway to Downing: Speed Limit Reduction Study
- 4 Lawrence Street from 25th to Downing: Speed Limit Reduction Study
- 5 27th Street from Stout to Welton: Speed Limit Reduction Study
- 6 26th Ave from Welton St to Downing: Speed Limit Reduction Study
- 7 Stout Street from Park Ave to 31st Ave/32nd Ave: Two-Way Conversion Study
- 8 Welton Street from Park Ave to Downing St/29th Ave: Street Study
- 9 26th Street and Stout Street: Proposed Traffic Signal



NTMP PROJECT LIST & DESCRIPTIONS

2019 Installed

<u>NTMP Operational Project Number & Project Name</u>		<u>Improvement Type</u>
12	Larimer St and 31st St	Intersection Daylighting, Crosswalks and Stop Bars
18	Larimer St and 25th St	Crosswalks and Stop Bars
21	Arapahoe St and 32nd St	New 4-Way Stop, Crosswalks and Stop Bars
22	Arapahoe St and 31st St	Crosswalks and Stop Bars
24	Curtis St and 31st St	New 4-Way Stop, Crosswalks and Stop Bars
28	Curtis St and 25th St	Intersection Daylighting
37	Clarkson St and 26th Ave	Intersection Daylighting
38	Clarkson St and 25th Ave	Intersection Daylighting
39	Clarkson St and 23rd Ave	Intersection Daylighting
40	Emerson St and 26th Ave/28th St.	New 4-Way Stop, Crosswalks and Stop Bars
42	Emerson St and 23rd Ave	Intersection Daylighting
43	Washington St and 23rd Ave	Crosswalks and Stop Bars
44	Washington St and 22nd Ave	Daylighting, Crosswalks

2019 Coming Soon

<u>NTMP Operational Project Number & Project Name</u>		<u>Improvement Type</u>
14	Larimer St and 29th St	New 4-Way Stop, Crosswalks and Stop Bars, Intersect
16	Larimer St and 27th St	Crosswalks and Stop Bars
17	Larimer St and 26th St	Crosswalks and Stop Bars

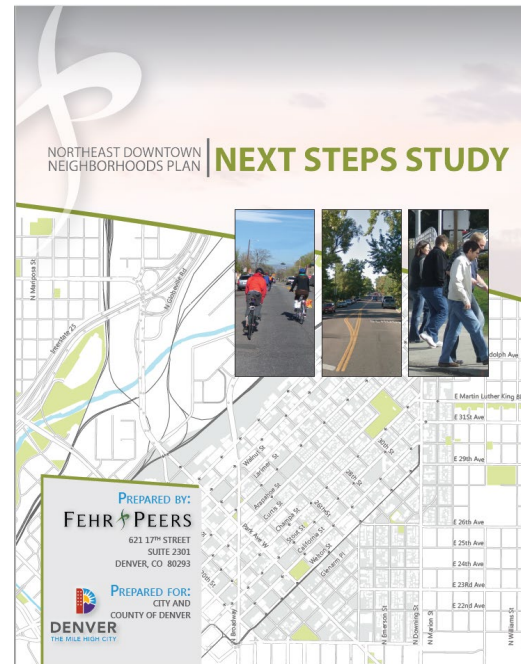
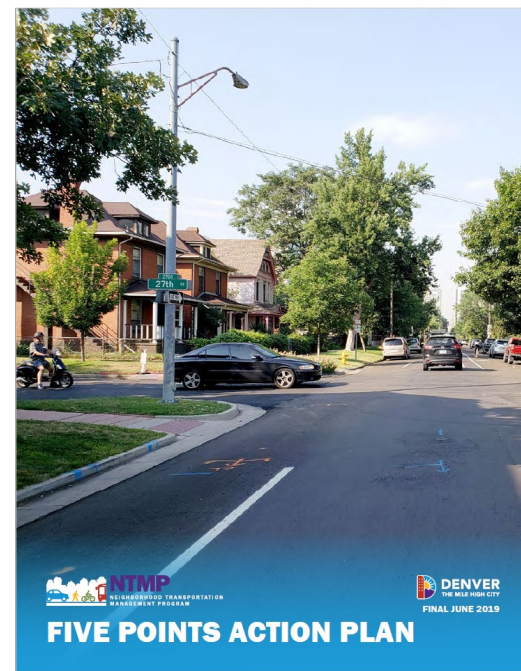
NTMP PROJECT LIST & DESCRIPTIONS

2019 Coming Soon, continued

<u>NTMP Operational Project Number & Project Name</u>		<u>Improvement Type</u>
11	Larimer St and 32nd St	Intersection Daylighting, Crosswalks and Stop Bars
26	Curtis St and 27th St	New All-Way Stop
31	California St and 26th St	Crosswalks and Stop Bars
8	Larimer St and 35th St	Intersection Daylighting, Crosswalks and Stop Bars
9	Larimer St and 34th St	Crosswalks and Pedestrian Crossing Signs, Intersection Daylighting
10	Larimer St and 33rd St	Intersection Daylighting, Crosswalks and Stop Bars
13	Larimer St and 30th St	Crosswalks and Pedestrian Crossing Signs, Intersection Daylighting
15	Larimer St and 28th St	Crosswalks and Stop Bars
19	Lawrence St and 30th St	Crosswalks and Pedestrian Crossing Signs
41	Emerson St and 25th Ave	Intersection Daylighting, Study Reverse 2-Way Stop (Stop Sign Flip Study)

LOOKING FORWARD

- NTMP Five Points:
 - Continue to install Operational Improvements
 - Complete designs on Five Points Projects, advance construction
- Continue study & design of NE Downtown Neighborhoods Projects w/ funding
 - Use data-driven decision making
 - Funding needed for many projects
 - Coordinate transportation improvements with other City-led projects when feasible





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