

T O W A R D
VISIONZERO



**SAFE STREETS BOULDER: TOWARD VISION
ZERO SAFETY INITIATIVES**

TRANSPORTATION ADVISORY BOARD 2/13/17

Toward Vision Zero

- 2014 TMP added safety **Toward Vision Zero** objective
- City's ultimate goal is to strive toward zero serious injury and fatal collisions
- Safe Streets Boulder Report



Safe Streets Boulder: Toward Vision Zero Strategies



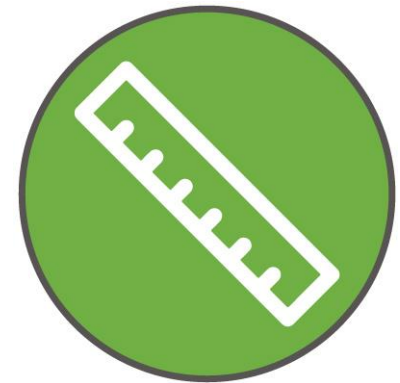
Education



Enforcement



Engineering



Evaluation

General Overview

- 2016 Accomplishments
 - Toward Vision Zero Community Partnership Committee
 - City Council approved additional funding for Toward Vision Zero safety initiatives
- 2017 Highlights
 - Host bi-monthly Toward Vision Zero Community Partnership Committee meetings
 - Neighborhood Traffic Mitigation Program development
 - Initiate Pedestrian Plan and Low-Stress Multimodal Network Analysis





Education

- 2016 Accomplishments
 - Heads Up safety education and enforcement campaign (10 intersections, 46 citations & 49 warnings)
 - Distributed 2000 bike lights through Lighten Up Boulder program
 - Partnership with Shared Paths of Boulder
 - SRTS – Toward Vision Zero grant proposal
 - Complete Streets practitioners panel
 - HOP driver safety education (15 drivers)





Education

- 2017 Highlights
 - Host 3 Heads Up Boulder education and enforcement weeks
 - Develop and disseminate distracted and impaired driving campaign
 - Continue Way of the Path and Lighten Up Boulder programs
 - Develop strategy to address additional safety education messages identified in Safe Streets Boulder report
 - Continue city and county safety staff trainings





Enforcement

- 2016 Accomplishments
 - Over 10,000 violations through photo speed enforcement
 - Over 23,000 violations through photo red-light enforcement
 - 50 days of increased DUI enforcement (80 arrests) through CDOT's The Heat is On Campaign





Enforcement

- 2017 Highlights
 - Continue coordination with BPD and CUPD on targeted enforcement at high crash locations
 - Coordination with Boulder County District Attorney's Office on legislative approaches
 - Include enforcement component to support upcoming DUI and distracted driving campaigns
 - Explore new photo red-light locations





Engineering

- 2016 Accomplishments
 - Modified signal timing, operations, or displays at 6 intersections
 - Additional warning and regulatory signs at 9 intersections
 - Additional pavement markings at 10 intersections
 - Converted yield to stop condition at 1 intersection
 - 3 Highway Safety Improvement Program grant proposals to CDOT
 - 2 new pedestrian crossing treatment locations
 - Began construction on Baseline Underpass and 29th & Valmont capital projects

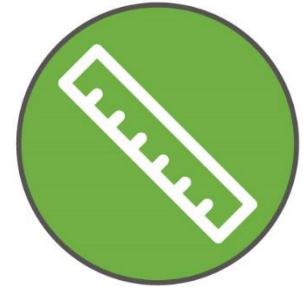




Engineering

- 2017 Highlights
 - Conversion of additional left-turn signal heads to flashing yellow arrow
 - Installation of additional green markings
 - Refine and codify signal practices consistent with Toward Vision Zero
 - Pedestrian crossing treatment installations





Evaluation

- 2016 Accomplishments
 - 2016 Safe Streets Boulder Report
 - Additional analysis of bicycle and pedestrian collisions by facility type and traffic control
 - Project specific safety evaluations (Living Labs, Canyon Blvd Complete Street Study, CAMP, North Broadway Reconstruction Project, East Arapahoe Transportation Plan)
 - Over 25 spot safety evaluations



Evaluation



- 2017 Highlights
 - On-going corridor studies (Canyon, East Arapahoe, 30th & Colorado)
 - Evaluating treatments and other crash mitigation efforts to inform next Safe Streets Boulder report



Coming Next

- February 27th – First Toward Vision Zero Community Partnership Committee meeting
- Summary of 2015 and 2016 crash data at March TAB meeting



Questions?

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BACK UP SLIDES

TRANSPORTATION ADVISORY BOARD 2/13/17

Heads Up Boulder Campaign Locations

SPRING 2016

1. 30th and Colorado
2. 30th and Arapahoe
3. Broadway and Baseline
4. Colorado and Regent
5. Baseline and 27th Way

FALL 2016

1. 30th and Colorado
2. Colorado and Regent
3. Canyon and Folsom
4. 30th and Baseline
5. Baseline and 27th Way



Signal Modification Locations

1. 30th and Baseline
 - Protected only during PM peak
2. 30th and Diagonal
 - Increased green time for WB left-turn protected phase in PM peak
3. Broadway and Spruce
 - Leading pedestrian interval
4. Colorado and Regent
 - Flashing yellow arrow
5. Arapahoe and 30th
 - Flashing yellow arrow
6. 28th and Pearl
 - Flashing yellow arrow



New Signing Locations

1. Broadway and Baseline – Lane Ends Merge Left warning sign
2. 30th and Colorado – Turning vehicles yield to bike/ped
3. 30th and Arapahoe – Turning vehicles yield to bike/ped, crosswalk speed limit
4. Canyon and Folsom – Turning vehicles yield to bike/ped
5. Colorado and 28th St Frontage Rd – Turning vehicles yield to bikes
6. Baseline and 27th Way – Crosswalk speed limit
7. Broadway and Table Mesa – Turning vehicles yield to bike/ped
8. Baseline and 29th – Gate posted stop signs, crosswalk speed limit
9. 30th and Valmont – Turning vehicles yield to bikes



New Striping/Marking Locations

1. Colorado and 28th St Frontage Rd– Green markings
2. Folsom and Taft – Green markings
3. Canyon and Folsom – Dismount decals on sidewalk
4. Baseline and 29th – Heads Up decals
5. Baseline and 27th Way – Heads Up decals
6. 30th and Arapahoe – Heads Up decals
7. Broadway and Table Mesa – Right turn yield markings
8. 28th and Canyon – Right turn yield markings
9. 28th and Arapahoe– Right turn yield markings
10. Baseline and US 36 WB– Right turn yield markings



HSIP Grant Proposal Project Locations

1. Colorado and Regent
2. Baseline and 29th
3. Broadway and Rayleigh



Pedestrian Crossing Treatment Locations

1. Colorado and Monroe – RRFB crossing
2. Pearl and 21st – Signed and marked crosswalk

