

**Hanover Avenue**

**Multi-Use Path Project**

**Broadway to 46th Street**

April 30, 2015

Community Meeting

# Agenda

- 6:35 - Welcome and Overview of Meeting
- 6:40 - Project Presentation
- 6:50 - Follow-Up Q&A on Presentation Information
- 7:05 – Discussion activities
- 7:50 – Meeting wrap-up

# Background



Hanover Ave (45<sup>th</sup> & 46<sup>th</sup>) looking west



Hanover Ave (41<sup>st</sup> & 42<sup>nd</sup>) looking east



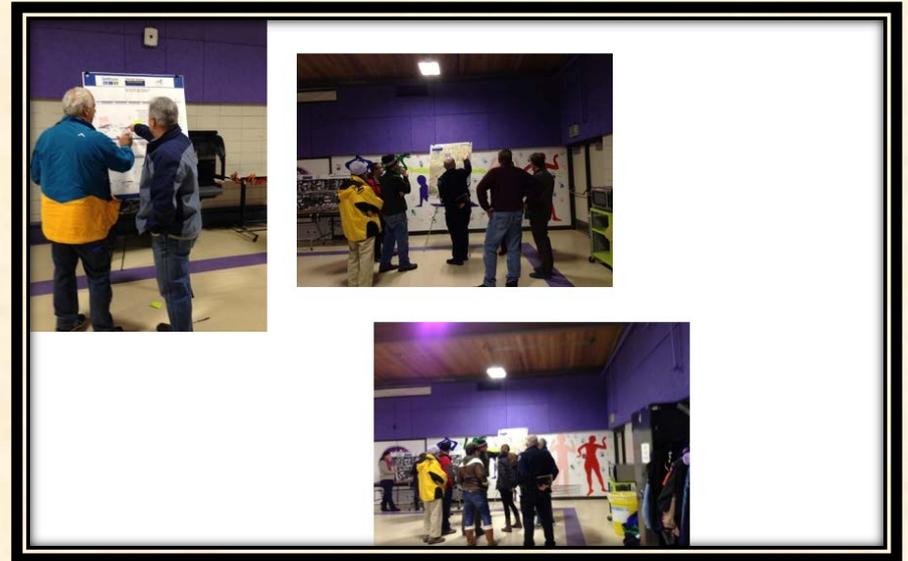
# Scope/Budget/Schedule

- Construction of a 10 foot-wide multi-use path
  - Hanover Avenue from Broadway to east of 46<sup>th</sup> Street
- \$350,000 project budget
  - \$270,000 Safe Routes to School grant
  - \$80,000 Boulder Transportation Fund
- Schedule
  - 2014-2015      Design
  - 2016              Construction (2 months)

# November 2014

## Open-House Meeting and Public Feedback

- Presented 8 design options
- Feedback Themes
  - Safety
  - Access-Convenience-Ease of Use
  - Congestion mitigation
  - Traffic calming
  - Maintenance and operations
  - Neighborhood public space
  - Aesthetics



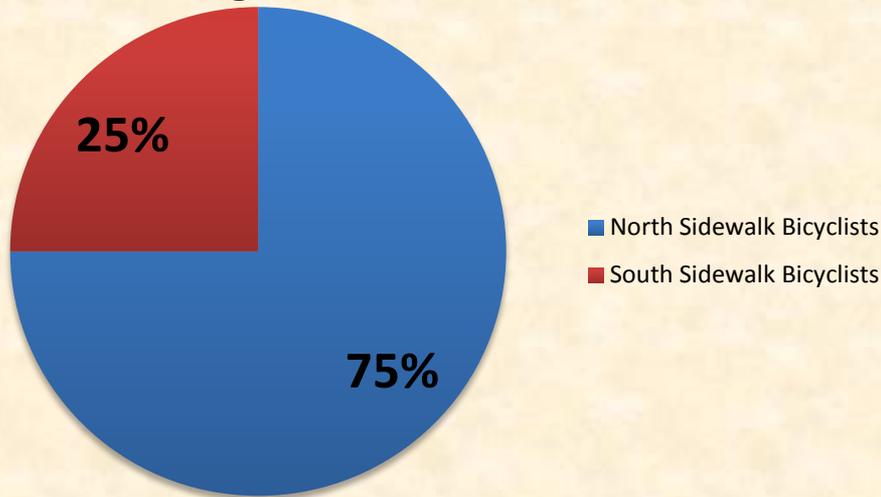
# Follow-ups since November

- Reviewing all comments received at meeting, on-line and written correspondence
- Additional data collection and field review
  - Bicycle and pedestrian crossings and usage
  - On-street parking usage
- Developed two project designs to reflect the range of viewpoints and considerations of safety and access

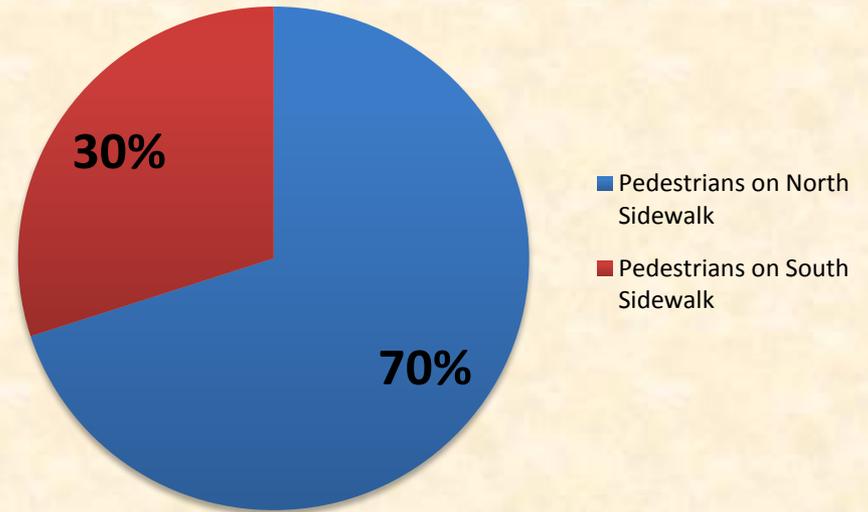
# Key Findings from Additional Data Collection

## People Walking and Bicycling

**Biking on Sidewalks**



**Walking on Sidewalks**



***70 people observed***

# Key Findings from Additional Data Collection

On-Street parking capacity and usage

8:00 AM Findings

24% of all spaces utilized

Choose Time

8:00 AM

Summit MS Arrival = 8am  
Summit MS Dismissal = 3pm

	Block 1	Block 2	Block 3	Block 4	Block 5	Total North Side
Supply	8	9	9	9	9	Total Supply 44
Utilization	3	1	2	0	2	Utilization 8
% Utilization	38%	11%	22%	0%	22%	% Utilization 18%



Hanover Total	
82	Total Supply
20	Total Utilization
24%	% Utilization

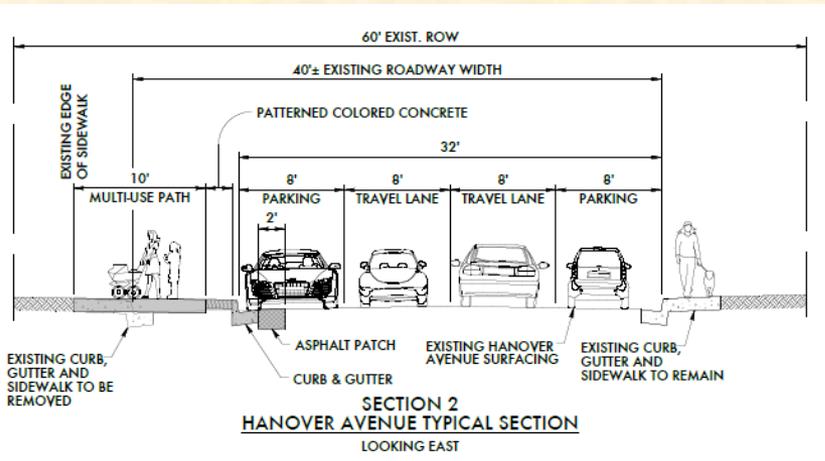
% Utilization	50%	50%	25%	13%	17%	% Utilization 32%
Utilization	4	4	2	1	1	Utilization 12
Supply	8	8	8	8	6	Total Supply 38

Block 1      Block 2      Block 3      Block 4      Block 5      Total South Side

# Project design options for feedback

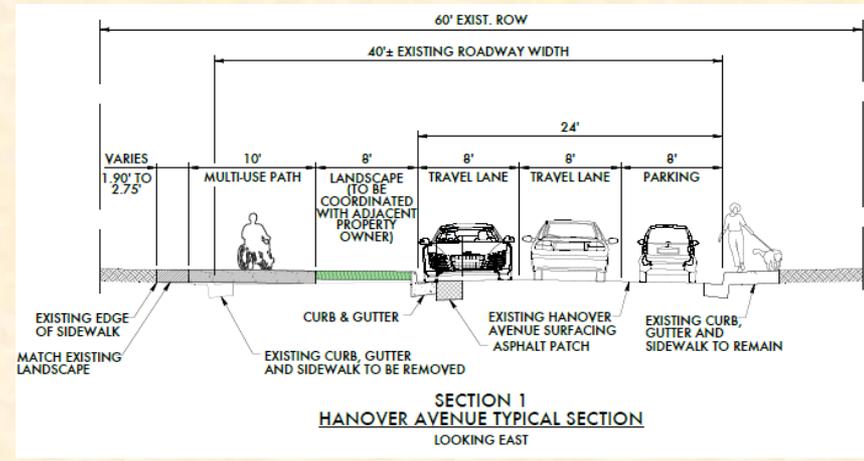
## Multi-Use Path Option A

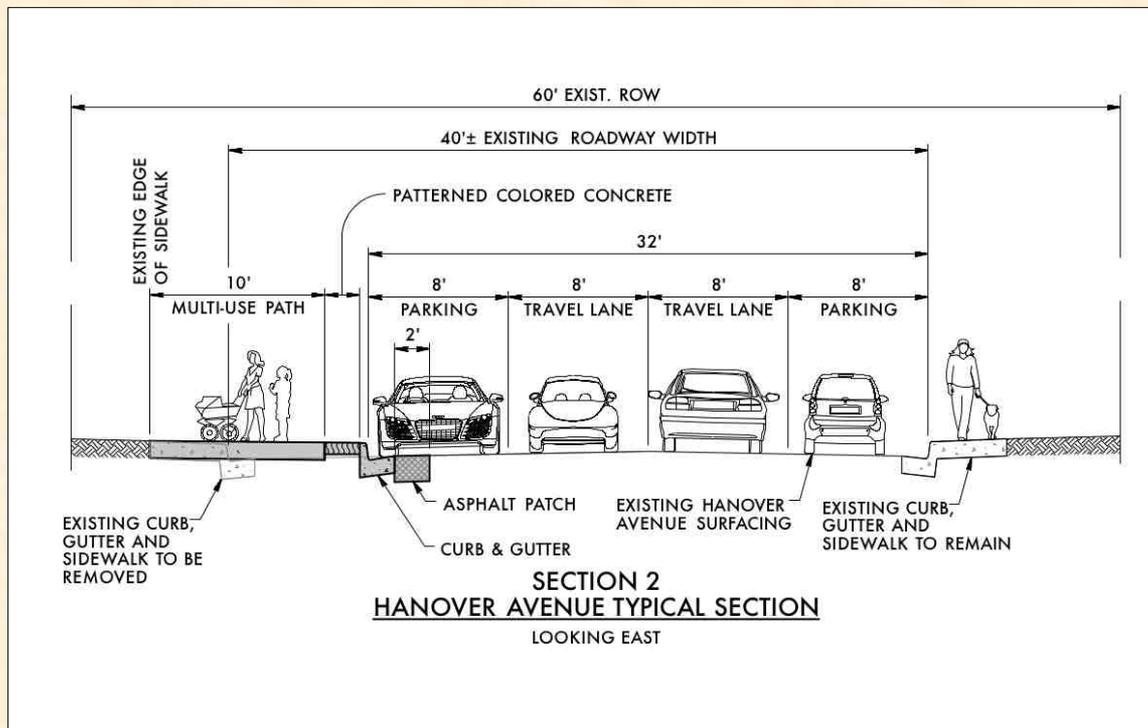
Parking on both sides of street, no landscaping



## Multi-Use Path Option B

Landscape on North side Parking on South side



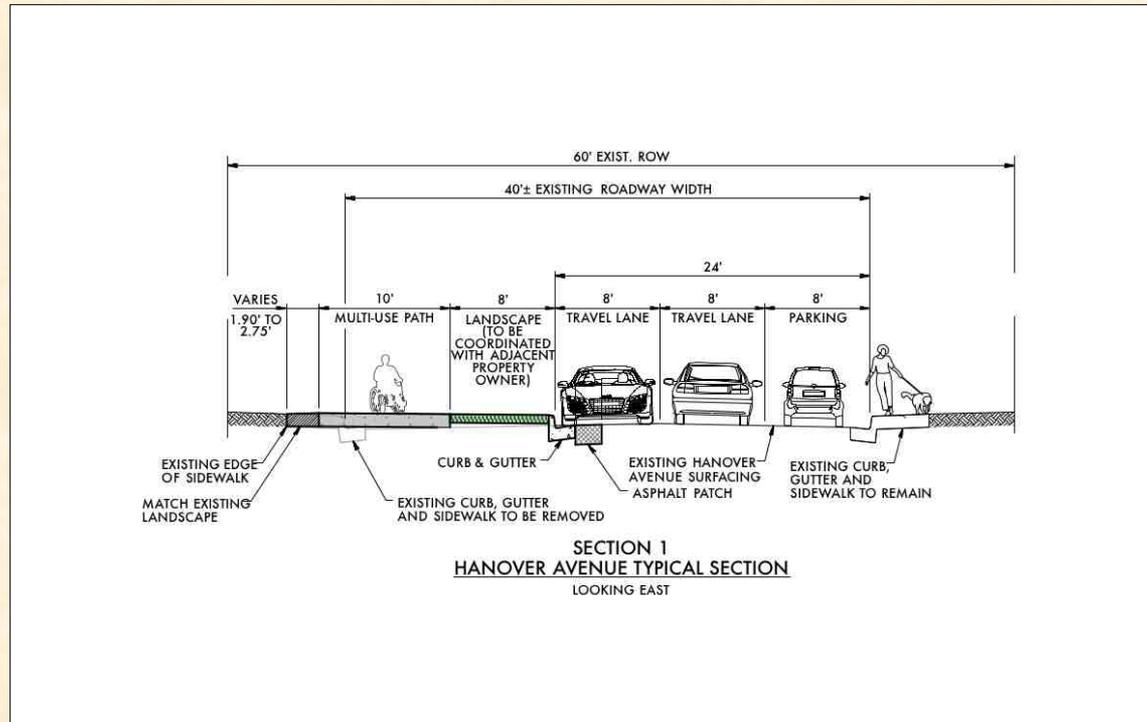
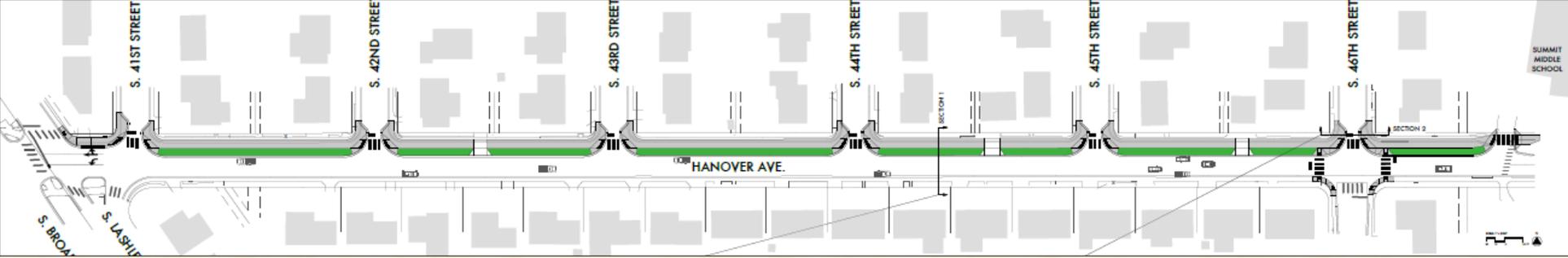


## Multi-Use Path Option A Characteristics

- 32 feet curb to curb width
- 10 foot wide multi-use path with 2 foot concrete buffer between path and street
- 8 foot wide travel lanes and 8 foot wide parking lanes on both sides of street
- Curb extensions at 6 intersecting streets



**Photo of 46<sup>th</sup> Street looking north  
32' curb to curb width, parking on both sides**



## Multi-Use Path Option B Characteristics

- 24 feet curb to curb width
- 8 foot wide travel lanes
- 8 foot wide parking lane on south side and 8 foot wide landscaping area on north side
- Curb extensions at 6 intersecting streets



**Photo of Hawthorn Ave looking east  
32' curb to curb width with fully utilized parking on  
both sides of street**

Q&A

Follow-up to Presentation