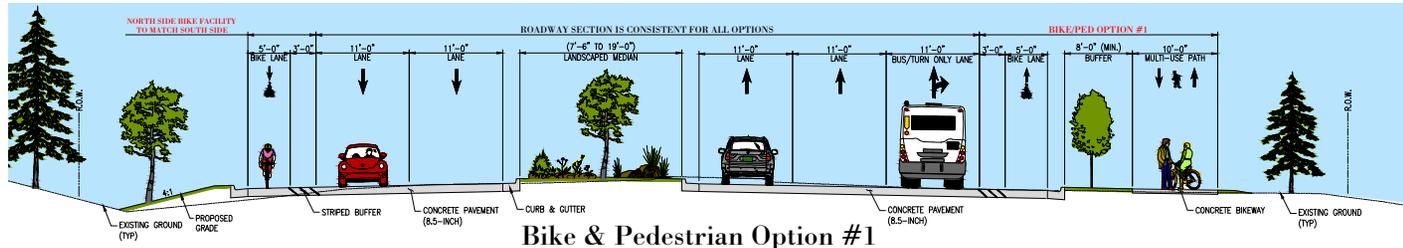


**Diagonal Highway
Reconstruction Project
28th to 30th**

Bicycle & Pedestrian Design Option Typical Sections

City of Boulder - Public Meeting, May 20, 2013

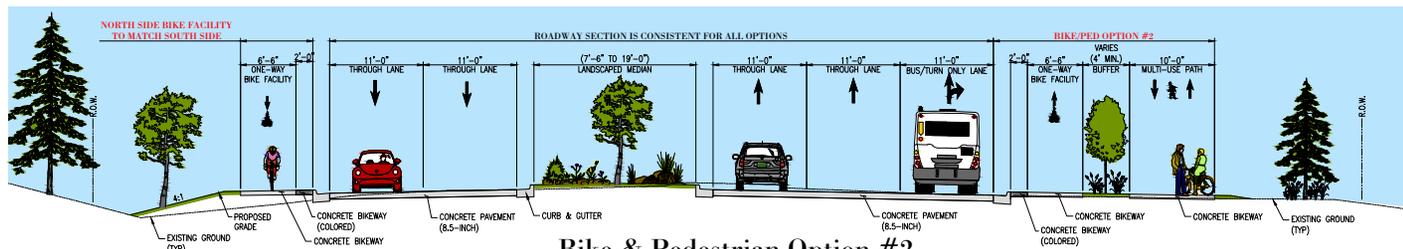


Bike & Pedestrian Option #1
On-Street Buffered Bike Lane & Separate Path (South Side)

Similar Proposed Treatments



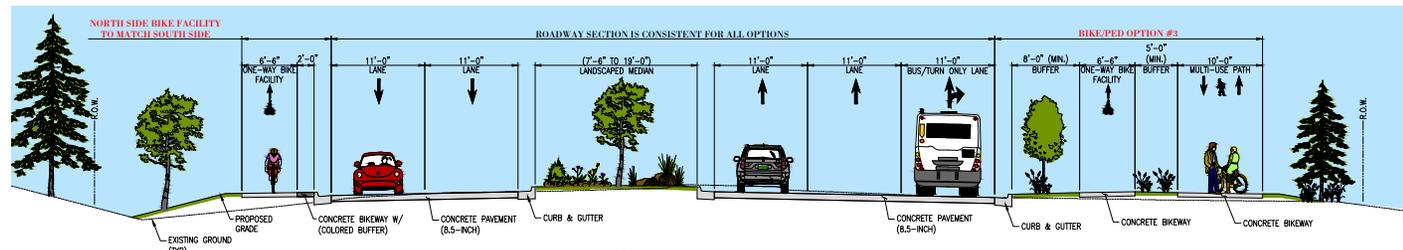
Option #1



Bike & Pedestrian Option #2
Attached/Elevated Bike Lane & Separate Path (South Side)



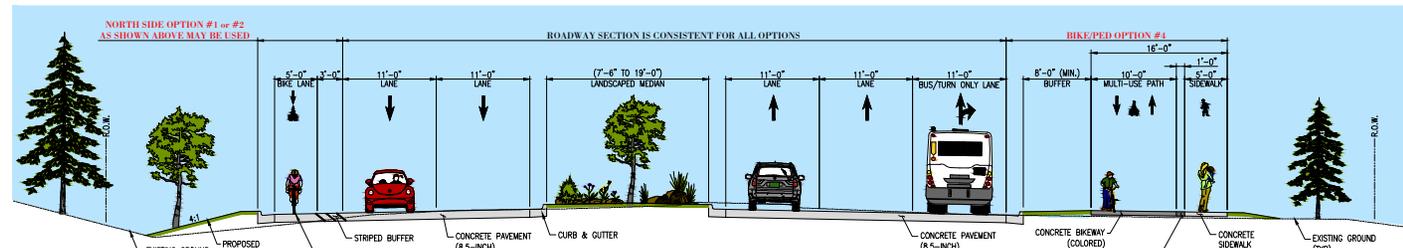
Option #2



Bike & Pedestrian Option #3
Detached Bike Lane & Separate Path (South Side)



Option #3



Bike & Pedestrian Option #4
Combine Multi-Use Path & Sidewalk (South Side)



Option #4

Summary of Bicycle & Pedestrian Option Design Characteristics

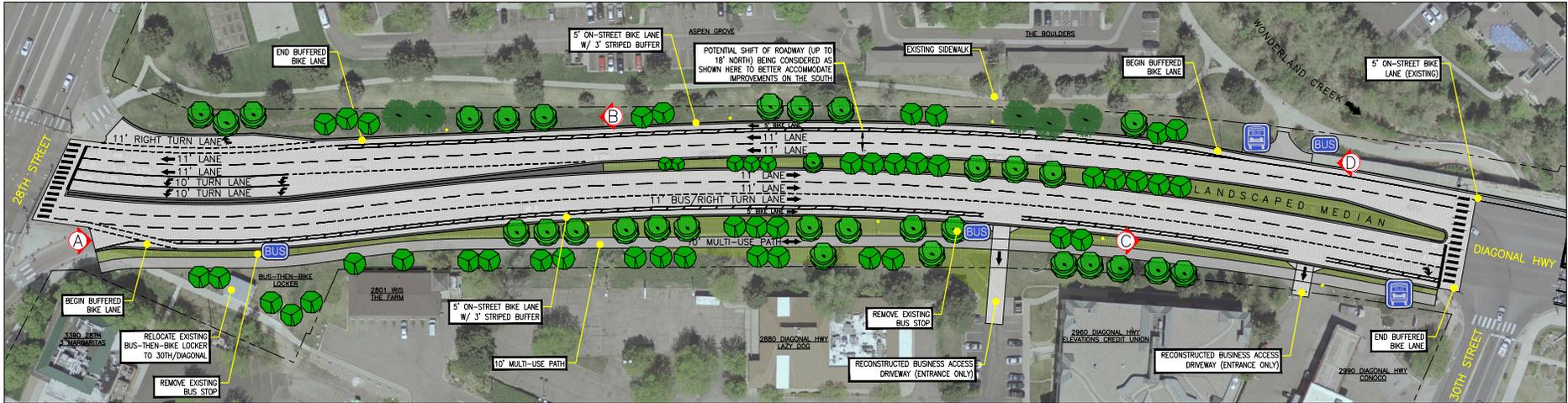
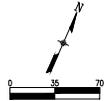
X = Displays This Characteristic

CHARACTERISTIC	On-Street Buffered Bike Lane & Separate Path	Attached/Elevated Bike Lane & Separate Path	Detached Bike Lane & Separate Path	Combined Multi-Use Path & Sidewalk
	Option 1	Option 2	Option 3	Option 4
USER EXPERIENCE & SAFETY				
Provides bicyclists dedicated space separated from pedestrians	X	X	X	X
Provides horizontal separation of bicyclists from vehicles	X	X	X	X
Provides horizontal separation of bicyclists from pedestrians	X	X	X	
Provides physical barrier (curb) between bicycles and vehicles		X	X	X
Provides physical barrier (landscaping) between bicycles and pedestrians	X	X	X	
Provides optimal visibility of bicyclists at driveway crossings	X	X		
Reduced potential for "wrong way" bicyclists/pedestrians	X			
Reduced potential for pedestrians to impede bicyclists	X	X	X	
Reduced potential for buses to impede bicyclists		X	X	X
DESIGN, CONSTRUCTION, & MAINTENANCE				
Provides improved drainage of bike lanes/paths		X	X	X
Provides landscape space next to the roadway for lighting, signs	X		X	X
Snow removal can be done with standard equipment	X			

Bicycle & Pedestrian Design Option #1

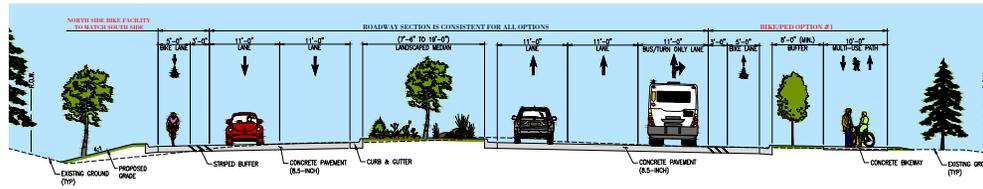
On-Street Buffered Bike Lane & Separate Path

City of Boulder - Public Meeting, May 20, 2013



LEGEND

- Existing Transit Stop
- Proposed Transit Stop
- Large Shade Tree
- Large Evergreen Tree
- Large Ornamental Tree
- Existing Photo Location & Direction Identifier



Bicycle & Pedestrian Option #1 Typical Section
On-Street Buffered Bike Lane & Separate Path (South Side)

Similar Proposed Treatments



Summary of Bicycle & Pedestrian Design Option Characteristics

X = Displays This Characteristic

CHARACTERISTIC	On-Street Buffered Bike Lane & Separate Path Option 1
USER EXPERIENCE & SAFETY	
Provides bicyclists dedicated space separated from pedestrians	X
Provides horizontal separation of bicyclists from vehicles	X
Provides horizontal separation of bicyclists from pedestrians	X
Provides physical barrier (curb) between bicycles and vehicles	
Provides physical barrier (landscaping) between bicycles and pedestrians	X
Provides optimal visibility of bicyclists at driveway crossings	X
Reduced potential for "wrong way" bicyclists/pedestrians	X
Reduced potential for pedestrians to impede bicyclists	X
Reduced potential for buses to impede bicyclists	
DESIGN, CONSTRUCTION, & MAINTENANCE	
Provides improved drainage of bike lanes/paths	
Provides landscape space next to the roadway for lighting, signs	X
Snow removal can be done with standard equipment	X

Existing Photos

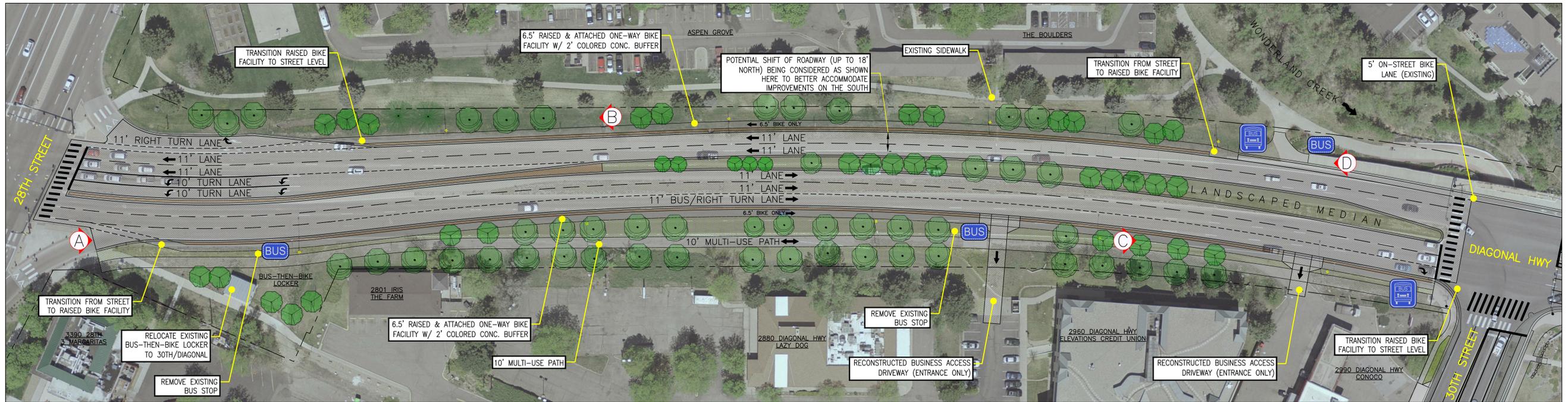
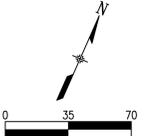


**Diagonal Highway
Reconstruction Project
28th to 30th**

Bicycle & Pedestrian Design Option #2

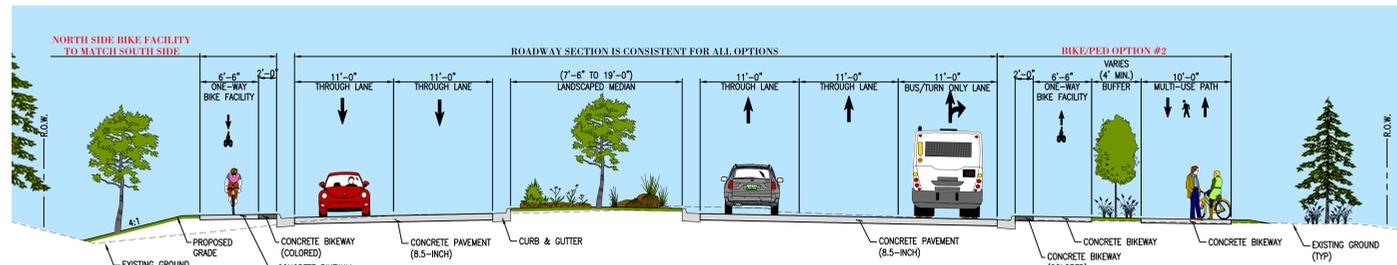
Attached/Elevated Bike Lane & Separate Path (South Side)

City of Boulder - Public Meeting, May 20, 2013



LEGEND

- Existing Transit Stop
- Proposed Transit Stop
- Large Shade Tree
- Large Evergreen Tree
- Large Ornamental Tree
- Existing Photo Location & Direction Identifier



Bike & Pedestrian Option #2 Typical Section
Attached/Elevated Bike Lane & Separate Path (South Side)

Similar Proposed Treatments



Summary of Bicycle & Pedestrian Design Option Characteristics

X = Displays This Characteristic

CHARACTERISTIC	Attached/Elevated Bike Lane & Separate Path Option 2
USER EXPERIENCE & SAFETY	
Provides bicyclists dedicated space separated from pedestrians	X
Provides horizontal separation of bicyclists from vehicles	X
Provides horizontal separation of bicyclists from pedestrians	X
Provides physical barrier (curb) between bicycles and vehicles	X
Provides physical barrier (landscaping) between bicycles and pedestrians	X
Provides optimal visibility of bicyclists at driveway crossings	X
Reduced potential for "wrong way" bicyclists/pedestrians	
Reduced potential for pedestrians to impede bicyclists	X
Reduced potential for buses to impede bicyclists	X
DESIGN, CONSTRUCTION, & MAINTENANCE	
Provides improved drainage of bike lanes/paths	X
Provides landscape space next to the roadway for lighting, signs	
Snow removal can be done with standard equipment	

Existing Photos

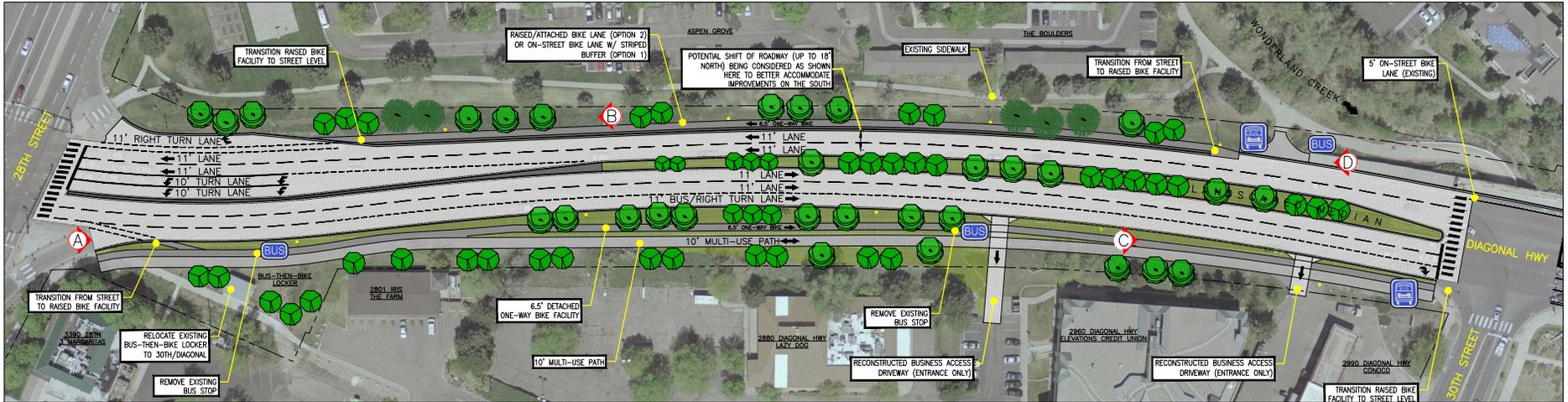


**Diagonal Highway
Reconstruction Project
28th to 30th**

Bicycle & Pedestrian Design Option #3

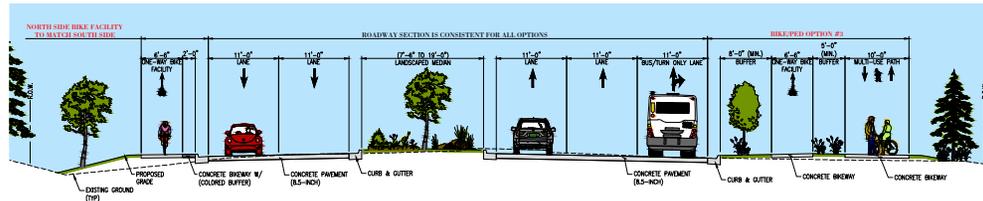
Detached Bike Lane & Separate Path (South Side)

City of Boulder - Public Meeting, May 20, 2013



LEGEND

- Existing Transit Stop
- Proposed Transit Stop
- Large Shade Tree
- Large Evergreen Tree
- Large Ornamental Tree
- Existing Photo Location & Direction Identifier



Bike & Pedestrian Option #3 Typical Section
Detached Bike Lane & Separate Path (South Side)

Similar Proposed Treatments



Option #3

**Summary of Bicycle & Pedestrian
Design Option Characteristics**

X = Displays This Characteristic

CHARACTERISTIC	Detached Bike Lane & Separate Path Option 3
USER EXPERIENCE & SAFETY	
Provides bicyclists dedicated space separated from pedestrians	X
Provides horizontal separation of bicyclists from vehicles	X
Provides horizontal separation of bicyclists from pedestrians	X
Provides physical barrier (curb) between bicycles and vehicles	X
Provides physical barrier (landscaping) between bicycles and pedestrians	X
Provides optimal visibility of bicyclists at driveway crossings	
Reduced potential for "wrong way" bicyclists/pedestrians	
Reduced potential for pedestrians to impede bicyclists	X
Reduced potential for buses to impede bicyclists	X
DESIGN, CONSTRUCTION, & MAINTENANCE	
Provides improved drainage of bike lanes/paths	X
Provides landscape space next to the roadway for lighting, signs	X
Snow removal can be done with standard equipment	

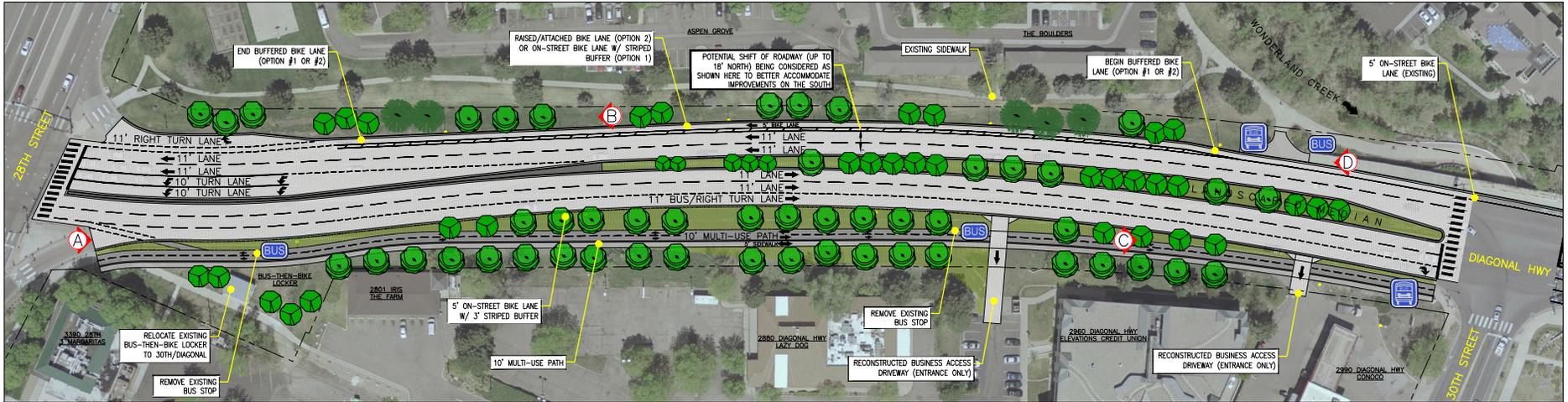
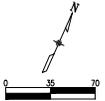
Existing Photos



Bicycle & Pedestrian Design Option #4

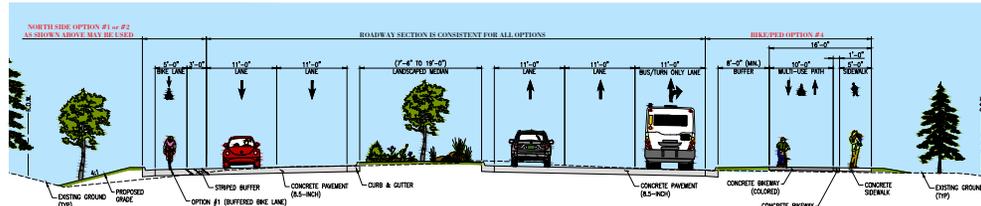
Combined Multi-Use Path & Sidewalk (South Side)

City of Boulder - Public Meeting, May 20, 2013



LEGEND

- Existing Transit Stop
- Proposed Transit Stop
- Large Shade Tree
- Large Evergreen Tree
- Large Ornamental Tree
- Existing Photo Location & Direction Identifier



Bike & Pedestrian Option #4 Typical Section
Combined Multi-Use Path & Sidewalk (South Side)

Similar Proposed Treatments



Summary of Bicycle & Pedestrian Design Option Characteristics

X = Displays This Characteristic

CHARACTERISTIC	Combined Multi-Use Path & Sidewalk
	Option 4
USER EXPERIENCE & SAFETY	
Provides bicyclists dedicated space separated from pedestrians	X
Provides horizontal separation of bicyclists from vehicles	X
Provides horizontal separation of bicyclists from pedestrians	
Provides physical barrier (curb) between bicycles and vehicles	X
Provides physical barrier (landscaping) between bicycles and pedestrians	
Provides optimal visibility of bicyclists at driveway crossings	
Reduced potential for "wrong way" bicyclists/pedestrians	
Reduced potential for pedestrians to impede bicyclists	
Reduced potential for buses to impede bicyclists	X
DESIGN, CONSTRUCTION, & MAINTENANCE	
Provides improved drainage of bike lanes/paths	X
Provides landscape space next to the roadway for lighting, signs	X
Snow removal can be done with standard equipment	

Existing Photos

