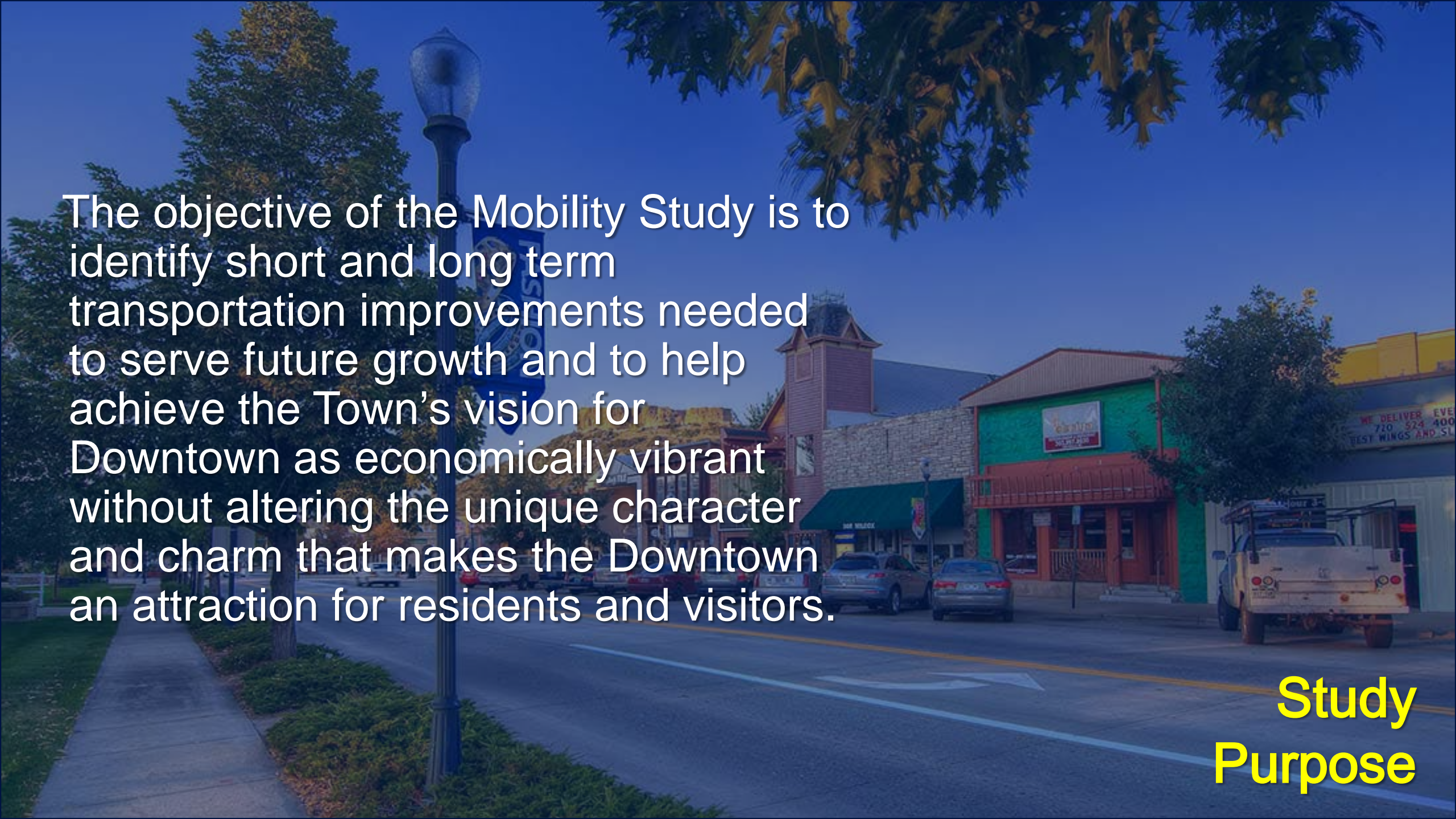


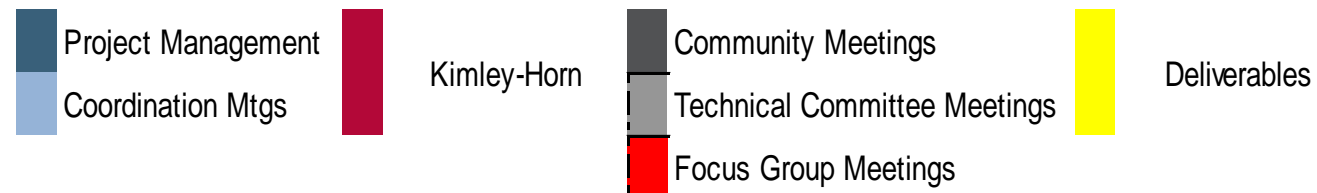
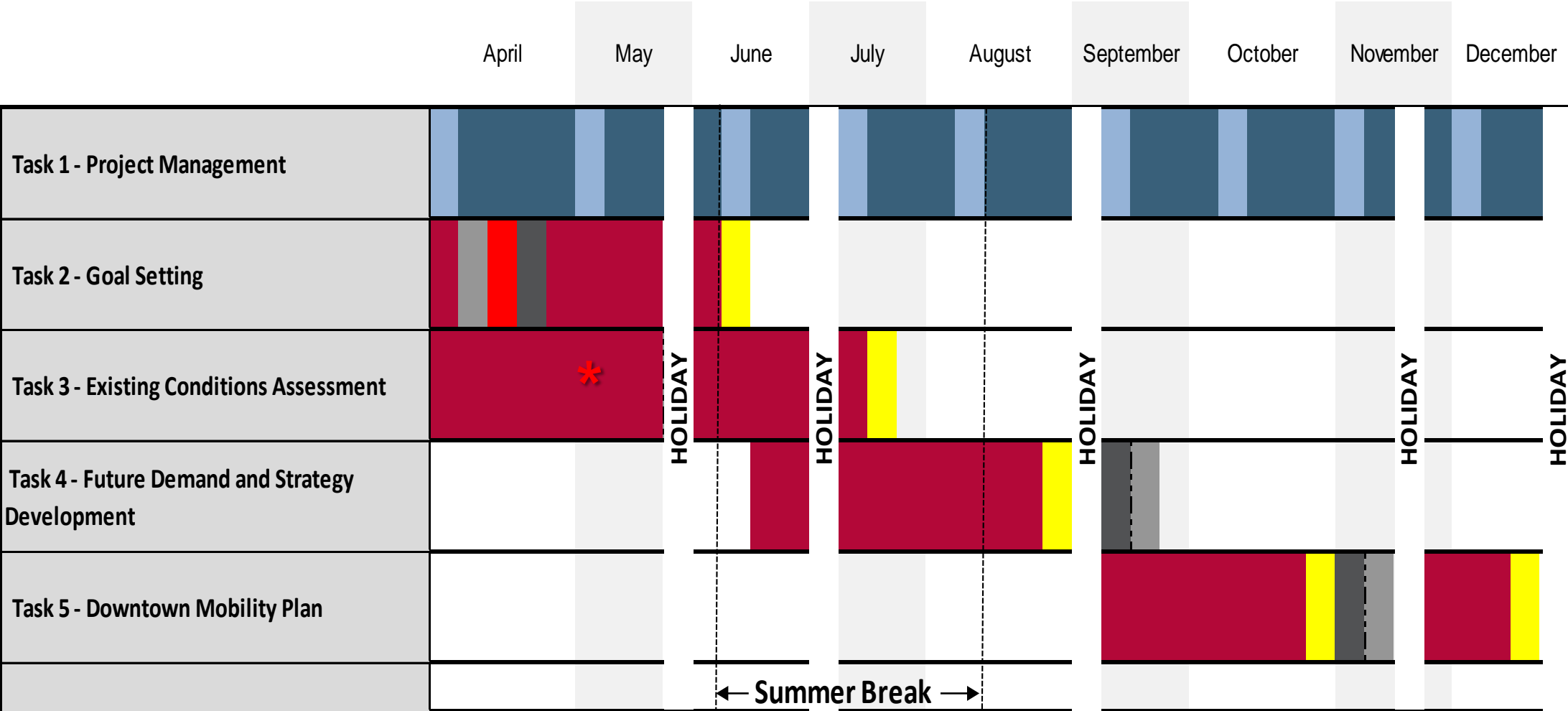
Downtown Mobility Study Project Update

Castle Rock

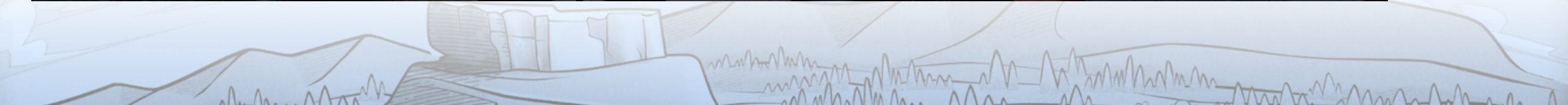


The objective of the Mobility Study is to identify short and long term transportation improvements needed to serve future growth and to help achieve the Town's vision for Downtown as economically vibrant without altering the unique character and charm that makes the Downtown an attraction for residents and visitors.

**Study
Purpose**



Project Schedule



Participants

- Castle Rock Development Services (Planning)
- Special Events Committee (Castle Rock and Douglas County)
- Castle Rock Emergency Services (Police and Fire)
- Douglas County Facilities
- Castle Rock Public Works
- Castle Rock Parks and Recreation
- Town Manager and Community Relations
- Economic Development Council (EDC)
- Downtown Development Authority (DDA)
- Downtown Merchants Association (DMA)
- Colorado Department of Transportation (Transit & I-25

Project Environmental Linkages (PEL) Study)

- Downtown Pedestrian and Bicycle Advocacy Groups
- Public Works Commission
- Public Events



Stakeholders & Focus Groups

Themes	Stakeholder and Focus Groups – Discussion Topics										
	Develop Services	Special Events Comm.	Police & Fire	County Facilities	Public Works	Parks & Rec.	Town Manager& Com Relations	EDC DDA DMA staff	CDOT Transit & PEL	Bike/ Ped groups	TOTAL
Bike/Ped Safety	X	X	X	X	X	X	X	X		X	9
Enhanced Pedestrian Crossings	X	X	X	X	X	X	X	X		X	9
Event Traffic Management	X	X	X	X		X	X	X		X	8
Traffic Operations	X	X	X	X	X		X	X	X		7
Enhanced Streetscapes	X		X		X	X	X	X		X	7
Connectivity of Trails		X	X	X	X	X				X	6
Connectivity across the railroad	X	X		X	X	X				X	6
Downtown-Specific Standards	X		X		X		X	X		X	6
Parking Management		X			X		X	X		X	5
Positioning for Transit	X			X	X			X	X		5
Traffic Calming	X		X				X	X		X	5
Neighborhood Impacts	X	X		X	X		X				5
Maintenance Considerations					X	X	X		X		4
Gateways							X	X			2



What they valued most about Downtown?

- Historic architecture and small-town charm;
- Community gathering spaces – specifically Festival Park;
- Eclectic shops and entertainment; and
- Ease of mobility and accessibility.

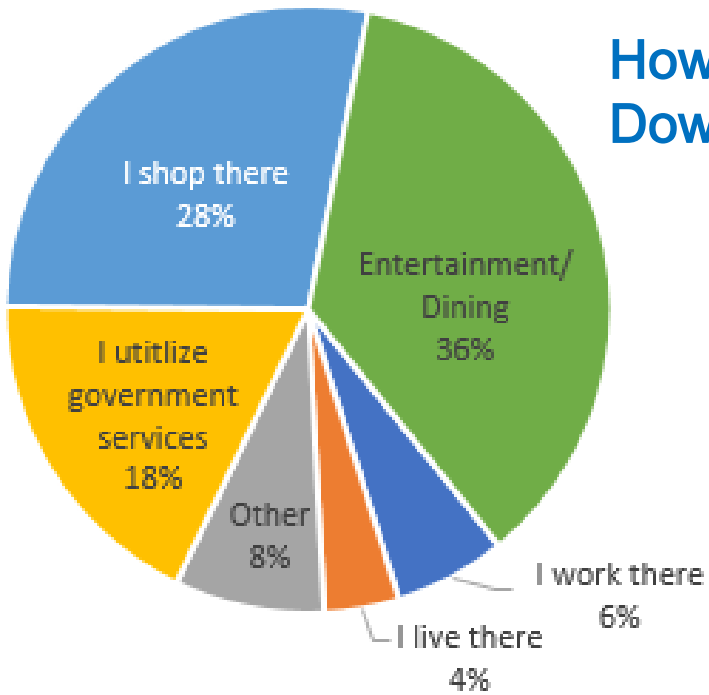
What are their biggest transportation concerns Downtown

- The design of Wilcox Street at I-25 on the north end of Downtown;
- High traffic speeds along Wilcox Street and Perry Street;
- Availability of parking; and
- Poor driver line of sight at many Downtown intersections;
- Ability to walk across the street safely.

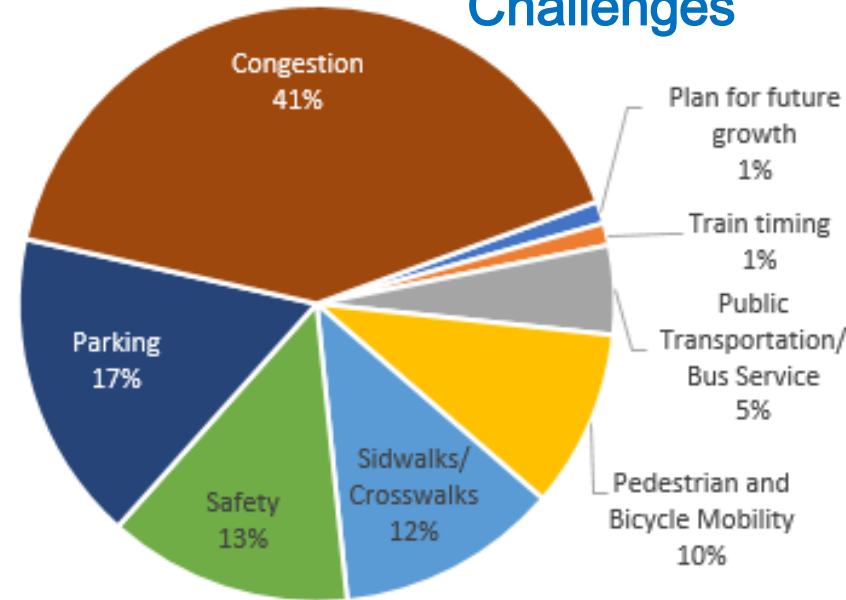
Community Meeting
June 7, 2018

A stylized, light-colored illustration of a mountain landscape. In the foreground, there are jagged mountain peaks and a winding road. In the middle ground, there are some buildings and more mountains. The overall style is simple and artistic, using a limited color palette of blues, greys, and whites.

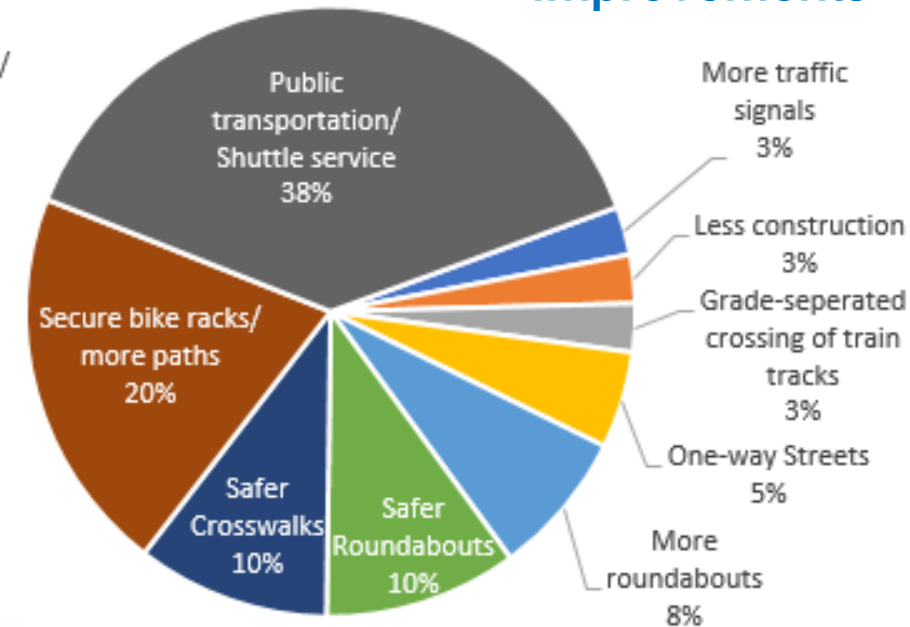
How they Utilize Downtown



Top Transportation Challenges



Desired Transportation Improvements



www.crgov.com/movearoundDT

Community Survey

Draft Vision Statement & Mobility Principles



“Mobility in Downtown Castle Rock supports a vibrant core for Employees, residents and visitors to enjoy the unique amenities and events that Downtown has to offer. Lively and inviting streets create a safe place for people to walk and gather, while a connected and cohesive network of streets and, trails support movement between Downtown and neighboring areas. An investment in new growth, balanced with a commitment to the historic character of Castle Rock, makes Downtown a place where people want to live, work and visit.”



DRAFT Vision Statement

Principle 1 – Downtown is convenient and accessible to all people

- Provide mobility options for people of all ages and abilities to access Downtown
- Have a network of safe and connected infrastructure and crossings for pedestrians and bicycles between Downtown and surrounding communities
- Enhance downtown connectivity and increase the utilization of Jerry Street and other under utilized Town right-of-way
- Ensure the safe and efficient movement of vehicles without compromising the small-town charm of Downtown.
- Parking options balance the needs of drivers without detracting from mobility options in Downtown
- Address congestion at 5th Street intersections with Wilcox and Perry

A faint, stylized illustration of a mountain landscape with jagged peaks and a winding path or river in the foreground, serving as a background for the title.

DRAFT Mobility Principles and Objectives

Principle 2 – The Downtown environment is perceived as safe and convenient

- Provide connected sidewalks and paths between Downtown amenities and gathering spaces
- Intersections and crosswalks are safe for pedestrians, bicycles and vehicles
- Create active public and community spaces that encourages residents and visitors to Castle Rock to spend time in Downtown

A faint, stylized illustration of a mountain landscape with jagged peaks and a winding path, serving as a background for the bottom section of the slide.

DRAFT Mobility Principles and Objectives

Principle 3 – Design and development standards accommodate the unique needs of Downtown

- Standards for Downtown are flexible and adaptable
- Sidewalk standards support a generous pedestrian realm and amenities
- Roadway/traffic standards balance driver, pedestrian and transit needs
- Curb management techniques help to safely accommodate multimodal needs, including those of trucks and mobility service providers

DRAFT Mobility Principles and Objectives

Principle 4 – Downtown has a modern transportation system that does not detract from the historical, small-town charm native to the area

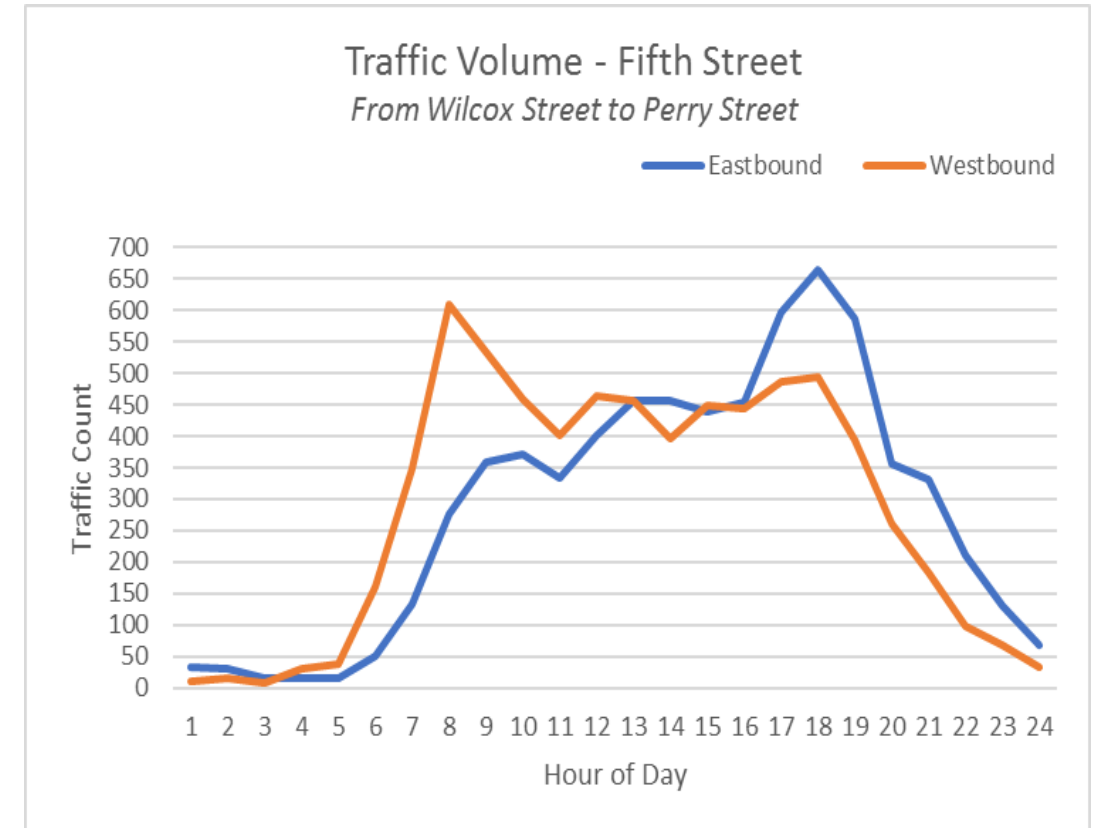
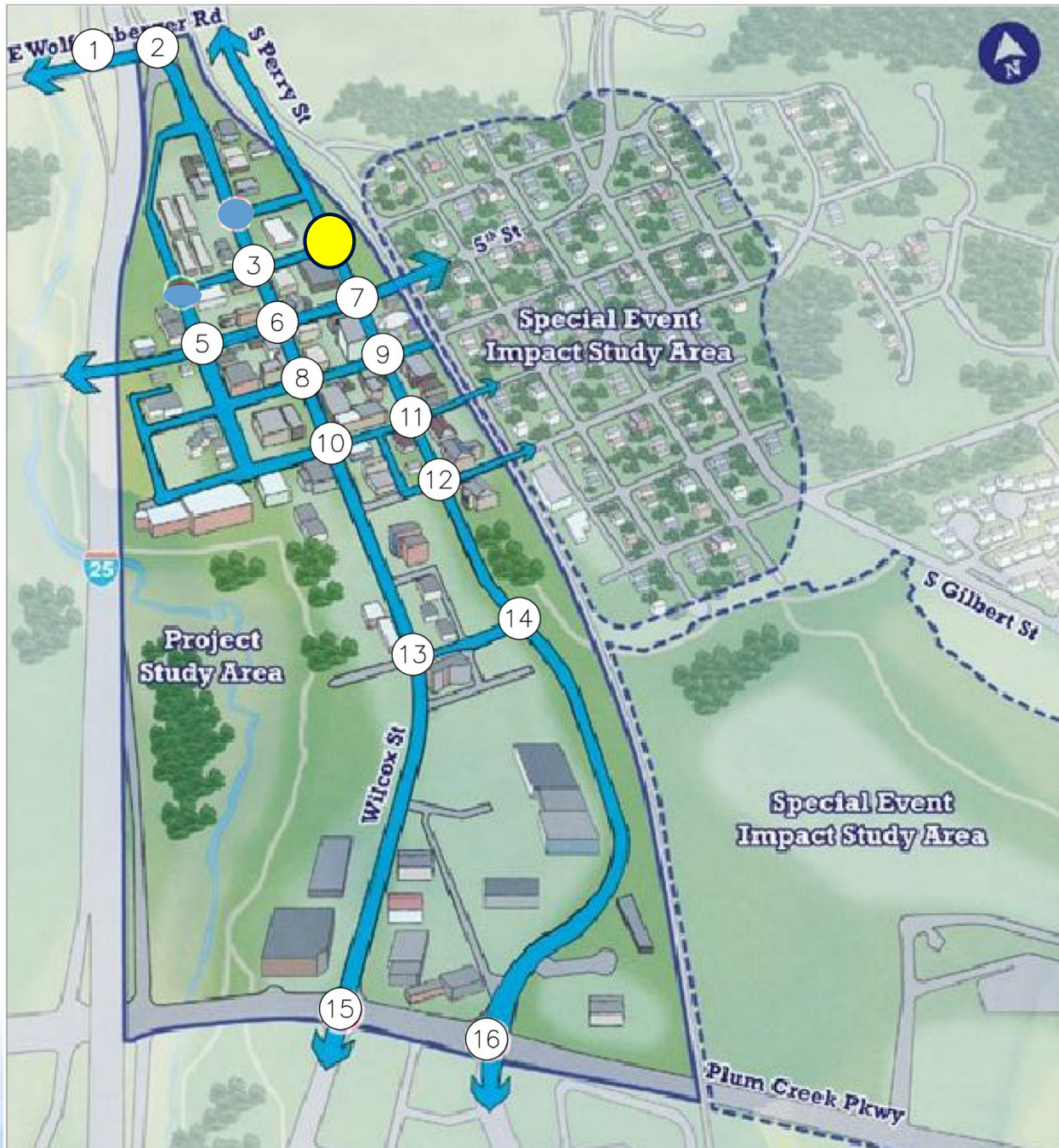
- Transportation infrastructure and technologies are visually and operationally appropriate for Downtown
- Design a flexible curb-side management plan to address evolving transportation systems
- Position Downtown for future transit, be it CODT's Bustang Service in the near term, or local circulation in the long-term.
- Investments in today's transportation system also look to address future transportation needs

DRAFT Mobility Principles and Objectives



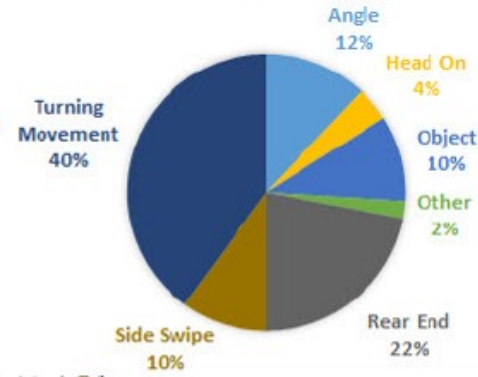
Existing Conditions Assessment

- LOS D
- LOS E
- LOS F

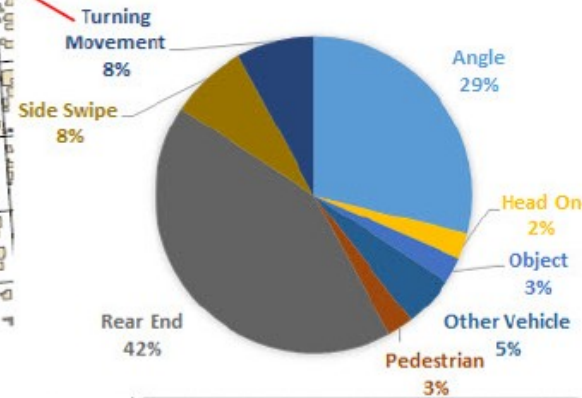


Existing Traffic Operations

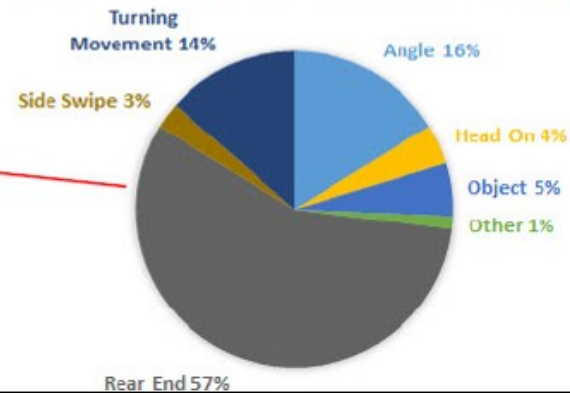
INTERSTATE HIGHWAY 25 OFF RAMP @ WILCOX STREET



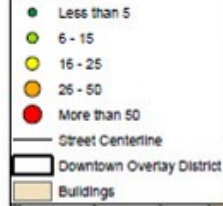
N PERRY STREET @ FIFTH STREET



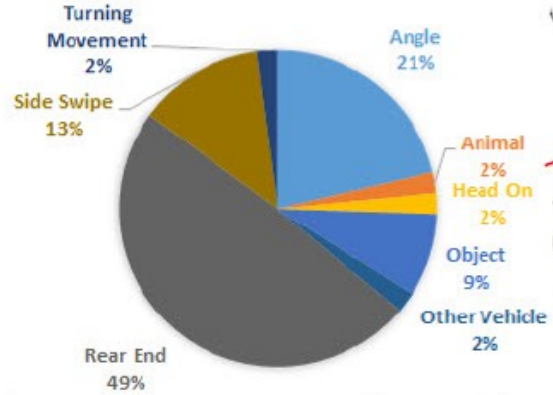
S PERRY STREET @ PLUM CREEK PARKWAY



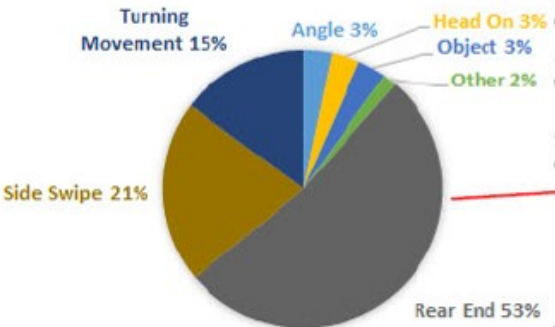
Legend Intersection Crashes 2012-2017



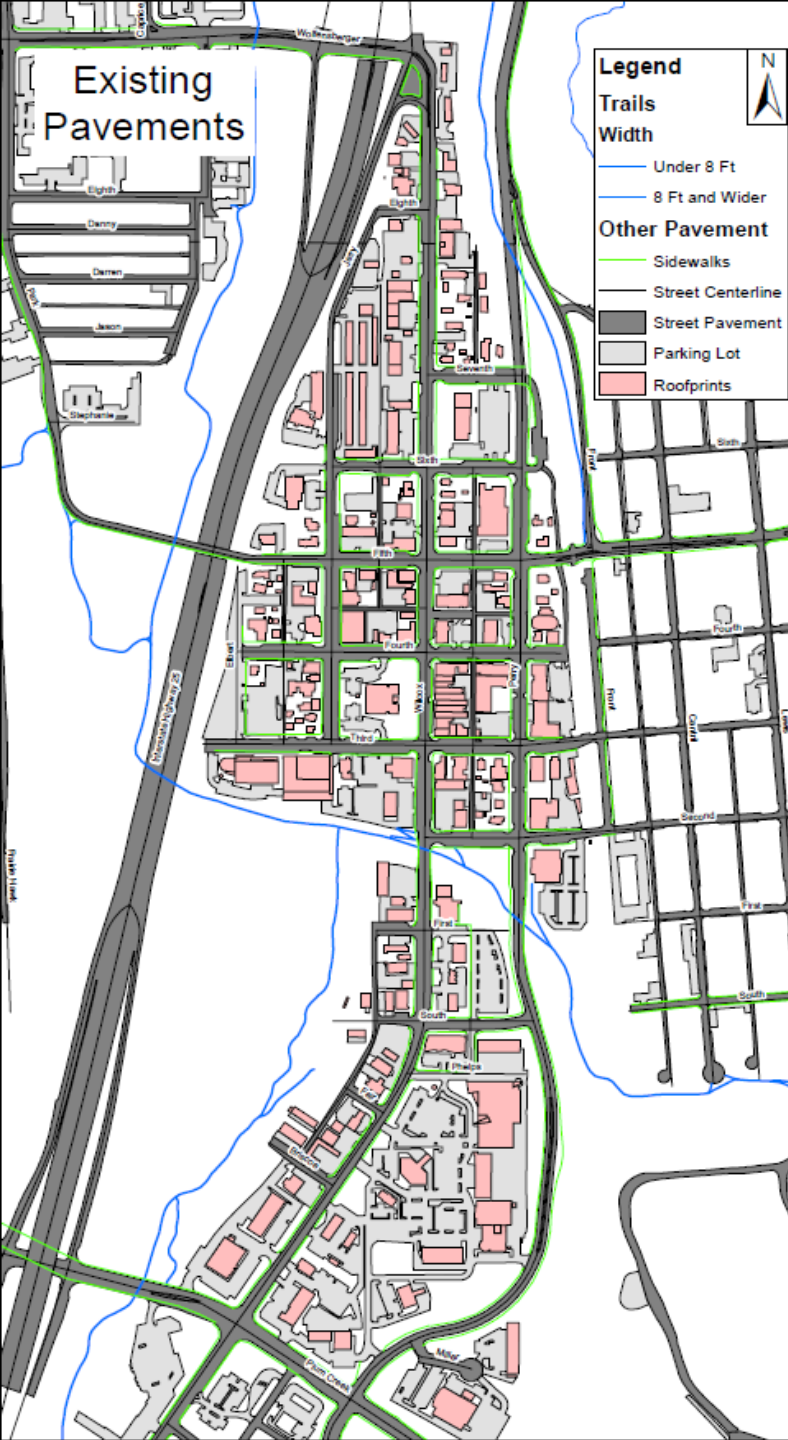
N WILCOX STREET @ FIFTH STREET



S WILCOX STREET @ PLUM CREEK PARKWAY



Crash Data



Pedestrian Environment



- Sidewalks (narrow/obstructions occur)
- Safe street crossings
- Lighting levels
- ADA access issues (missing walks, slopes, entries...)
- Long street crossings to destinations (~70' Plum Creek Pkwy)

Town of Castle Rock Existing Network & Services:

- Limited public transportation services
 - Taxi voucher program
 - Senior center shuttle
 - DRCOG commuter Way to Go program
- Freight & Deliveries
 - Use of alleys, center median, and loading zones
- Bicycle facilities
 - Multi-use trail system
 - Limited bike parking
 - No bike lanes or sharrows

DRAFT Existing Conditions

A stylized, light blue illustration of a desert landscape with mountains, a prominent rock formation, and sparse vegetation, serving as a background for the bottom half of the slide.

Next

Steps...



Capacity Solutions

- **Examples:** Additional turn-lanes, or through lanes
- **Trade-offs:** Potential loss of parking and pedestrian/bike areas, or potentially buildings

Efficiency/Operational Solutions

- **Examples:** Roundabouts, restricted turn movements
- **Trade-offs:** Directness of travel – more circuitous

Multimodal Investments

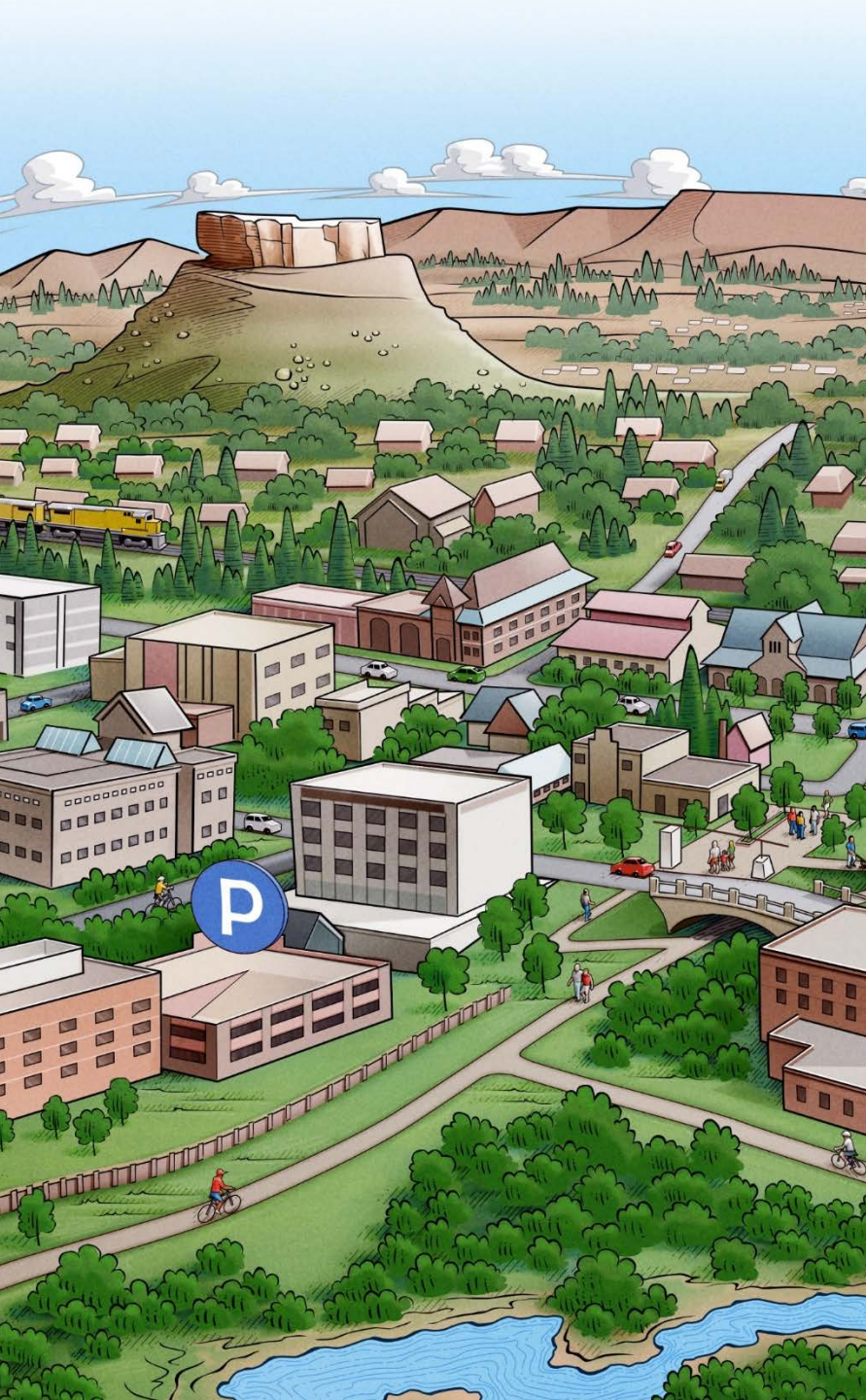
- **Examples:** Pedestrian safety improvements and additional bicycle connections
- **Trade-offs:** Travel speeds reduced

Travel Demand Management (TDM) and Policy Solutions

- **Examples:** Change Vehicular Level of Service (LOS) from D to E and focus on other modes of transportation, and positioning for transit in the future
- **Trade-offs:** Increase in vehicle delay



Range of Strategies



Discussion & Comments

Castle Rock

Possible Improvements

