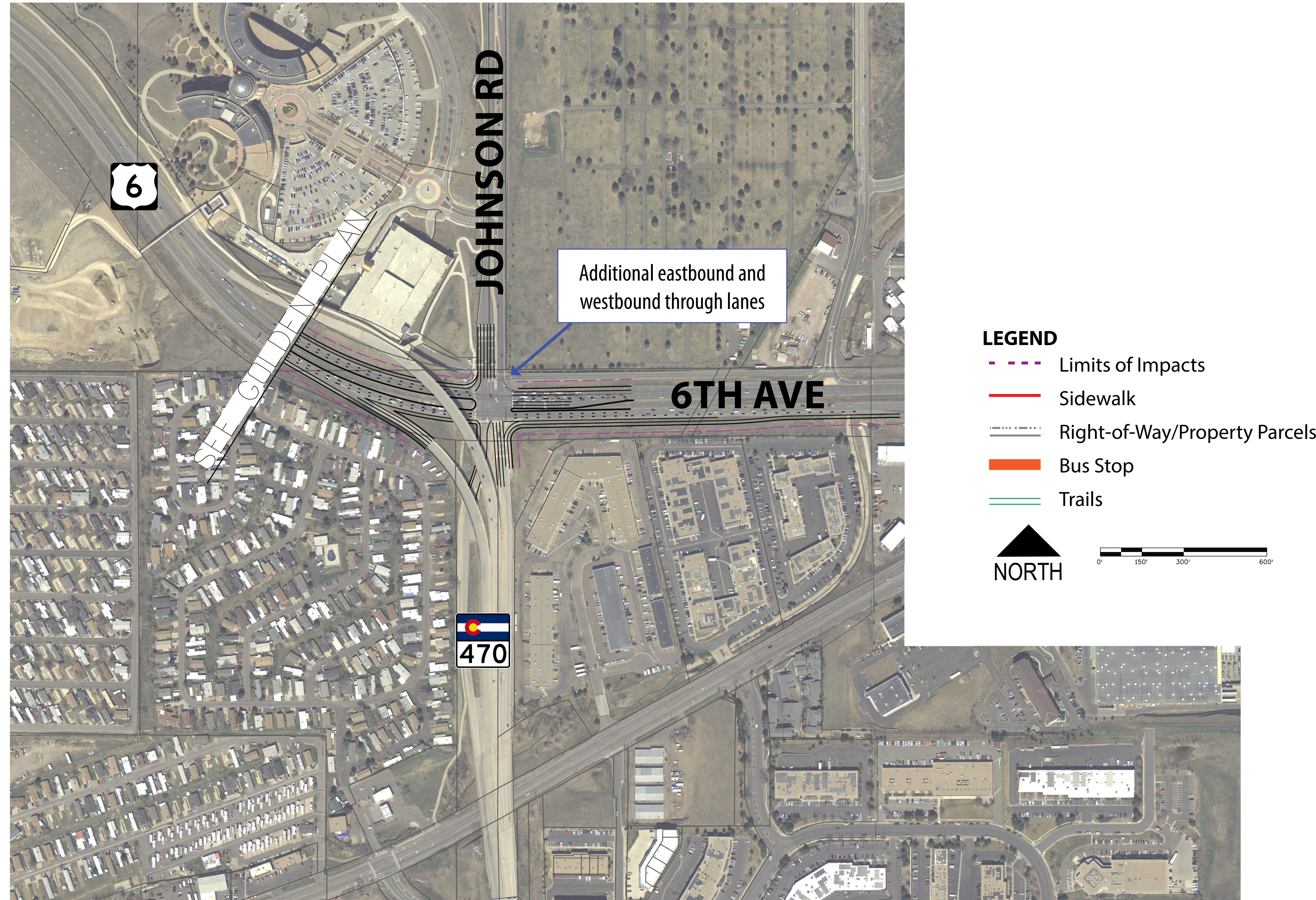


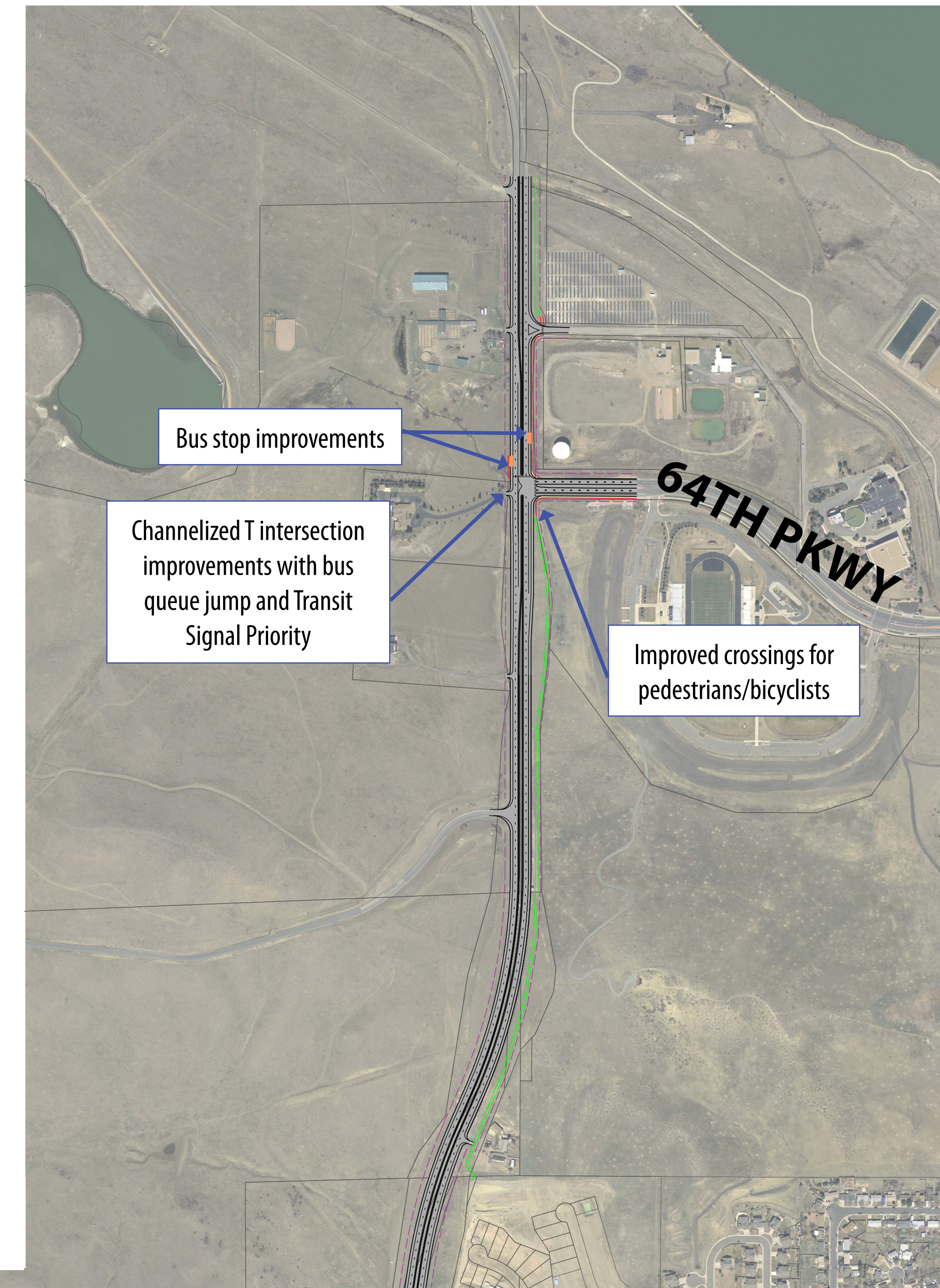
# GOLDEN SEGMENT

## Johnson Road Improvements



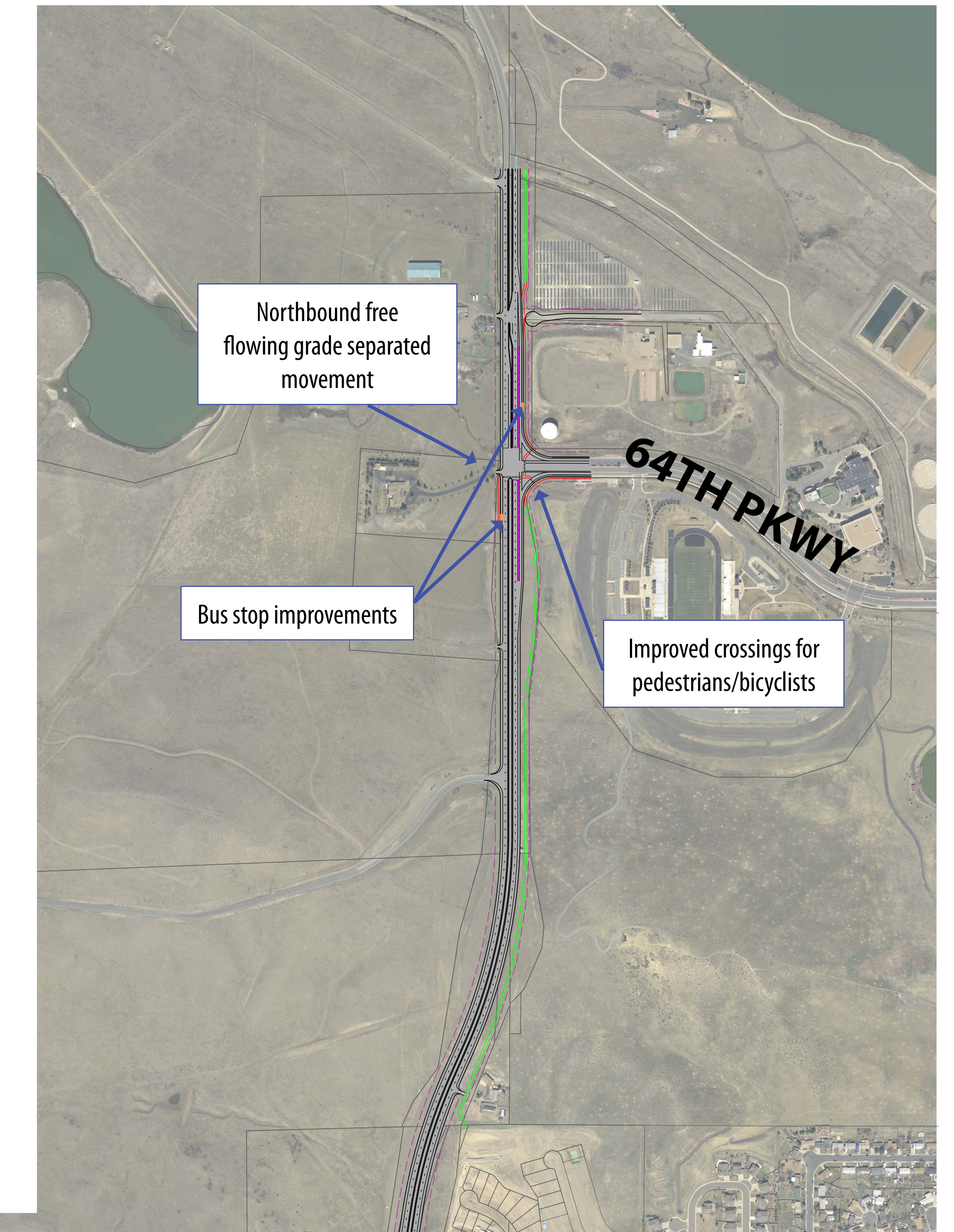
## SHORT TERM

Four General Purpose Lanes South of 56th Avenue to 64th Parkway



## LONG TERM

Four General Purpose Lanes South of 56th Avenue to 64th Parkway



### Technology and Corridor Management Recommendations for Golden Segment

- Separated Trail north of 58th Avenue** – Paved pedestrian/bicyclist trail along the east side of CO 93 extending from Golden to Boulder.
- Improved Route 65 Service** – Expansion of transit service to provide additional peak period and midday transit service.
- Enhanced Communication Infrastructure** – Enhanced fiber optic communication infrastructure to support data transmission from vehicle detection systems, closed circuit television cameras, and other technology devices and vehicle-to-roadway technology.
- Adaptive Signal Control** – Traffic signal control technology in which traffic signal timing changes automatically via computer algorithms based on real-time traffic conditions.
- Travel Demand Management Strategies** – Strategies that encourage corridor users to utilize the existing infrastructure in different ways and/or at different times of the day, rather than driving alone in the peak traffic periods. Possible strategies include incentive programs such as EcoPasses, bike sharing and bike parking, and carpools and vanpools.
- Enhanced Maintenance and Operations Program** – Efficient snow removal and icing prevention, effective pavement management, incident or weather-triggered street sweeping, and efficient upkeep of signs, pavement markings, guardrail, impact attenuators, and signals using an advanced technological alert and scheduling program.
- Incident Management Plan** – A planned and coordinated multi-disciplinary process to detect, respond to, and clear traffic incidents, so that traffic flow may be restored as safely and quickly as possible.
- Event Traffic Management Program** – Traffic signal synchronization, transit signal priority, CCTV systems, traveler information and dynamic routing using variable message signs, travel time indicators, and dynamic lane use controls used during events contributing to high volume along the corridor.
- Access Management Plan** – Proactive management of vehicular access points along the highway corridor, which may consider access spacing, adding, removing or combining accesses, improving grades and sight distance at driveways, safe turning movements/lanes and median treatments to maintain overall mobility and the functional integrity and safety along the highway corridor.
- Snow Fence** – Fencing designed to the geographic conditions along the highway to reduce blowing snow across the highway pavement. A number of factors need to be considered before installing a snow fence: location, windbreaks, fence ending, installation, maintenance and interference with animal migratory paths. A living snow fence can also provide the benefits of an artificial snow fence.

