

General Purpose Lanes

While both action alternatives provide a transportation system that accommodates an expected increase in the intensity and duration of forecasted congestion and have virtually the same amount of social and environmental impacts, the general purpose lanes alternative currently cannot be financed and implemented in a reasonable timeframe. Therefore, based on this information and after careful consideration, the Colorado Department of Transportation and the Federal Highway Administration did not identify the general purpose lanes alternative as the preferred alternative.

Description

- adds 4 general purpose lanes to 4 existing general purpose lanes
- adds 1 auxiliary lane in each direction from Santa Fe to I-25
- access will remain in the same configuration as it is today
- rehabilitates existing general purpose lanes
- reconstructs Santa Fe Interchange
- implements 3 mobility enhancements
 - rideshare program marketing
 - an incident management plan
 - an intelligent transportation system
- creates opportunity for bus service and direct express service to operate on C-470
- improves intersections along County Line Rd at Lucent, Broadway, University, and Quebec
- reconstructs 7.5 miles of trail and provides grade separations at Santa Fe, Colorado, and Quebec
- provides noise mitigation at 11 locations
- provides additional mitigation for impacted environmental resources

Operation

- alternative would operate in the same fashion as existing lanes do today

Alternative Meets Purpose and Need

- congestion addressed:
 - congestion reduced with operations expected to occur at level of service D or better
 - hours of congestion in adjacent arterials reduced
- traveler delay reduced:
 - travel times are lower than no action alternative
- reliability improved:
 - speeds are improved

