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**MEETING DATE:** July 14, 2026

**STAFF PERSON RESPONSIBLE:** Jason Oldham, Traffic Engineering and Operations Manager

**DESCRIPTION:** Request from Douglas County Public Works to the Board of County Commissioners to Approve Pursuit of a DRCOG Regional Transportation Operations and Technology Set-Aside to Fund the Purchase of Advanced Traffic Control Technologies for the South Broadway Corridor in Highlands Ranch in the Amount of \$700,000.00. The Douglas County Match Would be 17.21% or \$120,470.00. Match Amount is Available in Fund 200, Business Unit 800916.

**SUMMARY:** South Broadway is one of Douglas County’s most heavily traveled north-south corridors, serving as a critical connection between residential neighborhoods, commercial centers, regional transit routes, and adjacent jurisdictions. As travel demand continues to grow, the corridor experiences recurring congestion, extended delays at key intersections, and limited operational flexibility due to aging signal infrastructure.

Preliminary operational assessments indicate that modernizing the South Broadway signal system in 2027 could reduce intersection delay by 10% or more, improve travel-time reliability, and support measurable reductions in emissions and fuel consumption. These improvements will benefit not only Douglas County residents but also the broader region, given South Broadway’s role as a key multimodal arterial roadway.

The proposed 2027 project includes upgrades at ten (10) signalized intersections.

This project will replace outdated equipment with modern Advanced Traffic Controller (ATC) systems, improving reliability, safety, and operational efficiency.

**RECOMMENDED ACTION:** Enter Recommendation Here. Staff recommends BOCC approval to pursue DRCOG RTO&T Set-Aside with a Douglas County match of 17.21% (\$120,470.00). Match amount is available in Fund 200, Business Unit 800916.

**REVIEW:**

Janet Herman	Approve	7/6/2026
Jeff Garcia	Approve	7/8/2026
Christie Guthrie	Approve	7/8/2026
Doug DeBord	Approve	7/9/2026

**ATTACHMENTS:**

DRCOG Letter of Interest 2026  
RTO&T Set-Aside Pre-Application Workshop APR16-26