



ARAPAHOE COUNTY
COLORADO'S FIRST

Public Works and Development

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BRYAN D. WEIMER, PWLF
Director

Board Summary Report

TO: Board of County Commissioners

THRU: Bryan Weimer, PWLF, Director

THRU: Jim Katzer, PE Transportation Division Manager *JK*

FROM: Cathleen Valencia, PE CIP Manager *CAV*

DATE: December 21, 2020

SUBJECT: C20-005 – Dry Creek Operational Improvements, Intergovernmental Agreement between County and CDOT associated with Project Funding (59% Federal, 8.2% County, 8.2% Centennial, 8.2% Inverness Metro District, 16.4% SPIMD). Approval of Agreement and Authorization to Expend Funds to Meet Contractual Obligations

REQUEST AND RECOMMENDATION

Staff requests the Board to approve an Intergovernmental Agreement (IGA) with the Colorado Department of Transportation (CDOT) regarding the funding of the Dry Creek Operational Improvements Project and to authorize the Director of Public Works and Development to execute the IGA on behalf of the County.

PROJECT DESCRIPTION

The Dry Creek Operational Improvements project includes extending the eastbound through/right lane from the northbound I-25 off-ramp to connect to the right turn lane at Inverness Drive East, shared path improvements along the south side of Dry Creek Road, signage and pavement markings on southbound Clinton Street for ease to southbound I-25, and a new left-turn lane providing direct access to the Dry Creek Light Rail Station for eastbound traffic.



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BACKGROUND

Dry Creek Road is an important transportation corridor serving the growing business, commercial, and residential areas east and west of the I-25 corridor. Transportation improvements are needed along the corridor to address operations, safety, and local accessibility. Efficient access to/from I-25 is critical to the economic activity centers and residential areas surrounding the freeway in Arapahoe County and the City of Centennial. The I-25/Dry Creek Road interchange is an important connection to the regional transit links served by the Dry Creek LRT Station.

Traffic operations are congested along eastbound Dry Creek Road, particularly during the AM peak periods, with low average travel speeds, poor levels of service, and long vehicle queues approaching the signalized intersections east of I-25. INRIX speed data for the Dry Creek Road corridor east of I-25 shows that over the last four years speeds in both directions have fallen dramatically with average speeds below 20 mph spreading beyond the peak hours and occurring throughout the day.

Substantial eastbound traffic weaving maneuvers occur in the short segment of Dry Creek Road between the northbound I-25 off-ramp and the Clinton Street/ Inverness Drive West intersection. The eastbound lane drop at Inverness Drive West contributes to abrupt lane changes and weaving for drivers continuing east on Dry Creek Road.

The improvements identified above were part of the recommendations made in the I-25/ Dry Creek Road Interchange and Corridor Study completed and approved in January 2017. This project will improve operational performance, improve vehicular safety and reduce congestion with less weaving maneuvers along Dry Creek Road between I-25 and Inverness Drive West. This project will also be implemented in conjunction with another TIP project that will improve the operations of the Dry Creek Road southbound on-ramp to I-25, approved in a prior BoCC action.

The 2020-2023 Transportation Improvement Program (TIP) identifies federal and state-funded transportation projects to be implemented in the Denver region from fiscal years 2020 through 2023. This project was submitted by the County for federal funding through the Arapahoe County Transportation Forum and ultimately was selected and approved by DRCOG to be included in the 2020-2023 TIP.

The County collaborated and coordinated with the City of Centennial, Inverness Metro District, and Southeast Public Improvements Metropolitan District for the local match required as part of the federal funding administered by CDOT to fully fund this project.

DISCUSSION

The County is working on completing separate IGAs with each contributing entity/jurisdiction. Once the CDOT IGA and the IGA's with the other funding entities are executed, the County will submit a Request For Proposal to the 2020-2024 Consultant Shortlist for Division I – Major Roadways and Division III – Traffic and Transportation Engineering Services which were selected with SOQ 19-59.

The total project cost has been estimated at \$4,520,000 as shown in the table below. After the design phase is completed, the project will be moved to the construction phase with the advertisement of the



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project for construction services in 2022. Transportation Division Staff will be managing the project through all phases.

The table below details the funding partners for this project.

Dry Creek Operational Improvements							
Funding Type	Prior Federal	2020	2021	2022	2023	Future	Total
Federal			\$1,000,000	\$1,665,000			\$2,665,000
State							\$0
Arapahoe County		\$148,833	\$149,083	\$73,084			\$371,000
Centennial		\$148,833	\$149,083	\$73,084			\$371,000
Inverness Metro District		\$123,668	\$123,668	\$123,664			\$371,000
SPIMD/TMA		\$297,666	\$298,166	\$146,168			\$742,000
Total	\$0	\$719,000	\$1,720,000	\$2,081,000	\$0	\$0	\$4,520,000

FUNDING SOURCE

There is no funding from the County required for this action. County funding for the project will be through a separate Cost Center. The County’s funding will be encumbered via award of the professional service agreement via a competitively selected RFP process.

The fiscal impact of this Design/Construction is estimated to be \$4,520,000. Based on this amount the County’s share of the project will be \$371,000. In addition, the County is providing project management on the project but is not applying those costs to the project.

For the purposes of tracking reimbursement of funds from CDOT associated with this IGA, Staff has created new Cost Centers and two accounts within the Cost Center which are as follows:

- 424520019-54896 Federal (expense) \$2,665,000 CDOT Contribution
- 424520019-43127 Federal (revenue) \$2,665,000 CDOT Contribution

WBS20019.1.1.4.1 Preliminary Design

The CDOT share of \$2,665,000 will be recognized as revenue and appropriated into an expenditure cost center for the County to use on the project. The expenditures from this account will be reimbursed by CDOT.

Once consultant invoices are provided to the County, County Staff will review and forward to CDOT for verification of applicable costs with a check being written to the County by CDOT once verified. The check will be placed in the Cost Center referenced above. The County will pay invoices using a combination of County, Federal, Inverness, Centennial and SPIMD funds.



IMPORTANT NOTE

There is no interest allocation to the above referenced Cost Centers. Please note that the County will not receive CDOT funds up front in the process but will receive CDOT funds as a reimbursement for their share of dollars expended.

ACTION REQUESTED

1. Approval of the attached Intergovernmental Agreement between Arapahoe County and CDOT for Dry Creek Operational Improvements Project, committing CDOT to the project contribution.
2. Support of the BoCC for Bryan D. Weimer, Director, to sign the IGA pursuant to Resolution 200110.
3. Authorization to invoice and receive CDOT reimbursements in accordance with contractual obligations.
4. Authorization to budget CDOT fund of \$2,665,000 into Cost Center 424520019-54896 (expense) and recognize the anticipated revenue of \$2,665,000 into Cost Center 424520019-43127 (revenue) per the IGA in the quarterly supplemental process following the execution of the IGA.

REVIEWED BY

The County and CDOT have reviewed the project funding and are in agreement with this proposal.

ATTORNEY COMMENTS

The Arapahoe County Attorney's office has reviewed the IGA.

Enclosures: IGA

CC:

Email

Bryan D. Weimer, PWLF, Public Works Director
James Katzer, PE, Transportation Division Manager
Cathleen Valencia, PE, CIP Manager
Jon Williams, PE, CIP Engineer
Rhonda Robinson, Public Works Budget Analyst
Keith Ashby, Purchasing Manager
Todd Weaver, Finance Director
Robert Hill, Senior Assistant County Attorney
File – Project #C20-005, #C20-019, #C20-020, #C20-021, #C20-022



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RESOLUTION NO. XXXXXX. It was moved by Commissioner _____ and duly seconded by Commissioner _____ to approve of the Intergovernmental Agreement between Arapahoe County and the Colorado Department of Transportation (CDOT) for cost sharing of the Dry Creek Operational Improvements Project; and to authorize expenditure of funds in the amount of \$2,665,000 for completion of design, environmental clearances, right-of-way, and construction and support of Bryan Weimer, Public Works Director, to sign said IGA.

This action also authorizes the budgeting of the anticipated CDOT Funds of Cost Center 424520019-54896 (expense) and Cost Center 424520019-43127 (revenue).

The vote was:

Commissioner Baker, ___; Commissioner Sharpe, ___; Commissioner Holen, ___; Commissioner Jackson, ___; Commissioner Conti, ___.

The Chair declared the motion carried and so ordered.



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