

**CITY OF LITTLETON  
AMENDMENT #1 TO PROFESSIONAL SERVICES AGREEMENT**

**THIS FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT** (“First Amendment”) is entered into by and between **DAVID EVANS AND ASSOCIATES, INC.**, whose business address is 2100 S RIVER PARKWAY, SUITE 100, PORTLAND OREGON 97201 (the “Contractor”) and the **CITY OF LITTLETON, COLORADO** (“City”), a Home Rule municipality of the State of Colorado. The City and the Contractor may be collectively referred to as the “Parties.”

**RECITALS AND REPRESENTATIONS**

**WHEREAS**, the City and Contractor entered into that certain Professional Services Agreement (the “Agreement”) effective May 1<sup>st</sup>, 2023; and

**WHEREAS**, the Parties desire to amend the Agreement to include additional work under the scope and respective compensation for additional environmental data collection and evaluation, alternatives development and conceptual design, final design, and right-of-way plans.

**NOW, THEREFORE**, in consideration of the benefits and obligations of this Agreement, the Parties mutually agree as follows:

1. Additional Scope/Cost: Contractor shall provide, and the City shall compensate Contractor \$246,700.00 for the additional services as described on the attached Scope.
2. Extension of time: Exhibit “A” to the Agreement, Section 2, “Time for Performance,” shall be extended and amended to read as follows:

*“Time of Performance. Performance of the Services of the Contractor shall commence on May 1<sup>st</sup>, 2023 and shall be completed, or shall end, by April 2<sup>nd</sup>, 2026.”*

3. No other terms and conditions of the Agreement are modified except as provided in this Amendment.
4. The individuals executing this Amendment represent that they are expressly authorized to enter into this Amendment on behalf of the City and the Contractor and bind their respective entities.

THIS AMENDMENT is executed and made effective as provided above and as of the last dated signature below.

**ATTESTI**

**CITY OF LITTLETON, COLORADO**

By: \_\_\_\_\_  
COLLEEN NORTON  
CITY CLERK

By: \_\_\_\_\_  
KYLE SCHLACHTER  
MAYOR

**APPROVED AS TO FORM**

**CONTRACTOR**

By: \_\_\_\_\_  
REID BETZING  
CITY ATTORNEY

By: \_\_\_\_\_  
SARA CIASTO  
SENIOR ASSOCIATE  
SENIOR PROJECT MANAGER

**SCOPE OF SERVICES – AMENDMENT #1**  
**COUNTY LINE ROAD SHARED USE PATH CONNECTIONS**  
**FEBRUARY, 2024**

**Introduction**

This scope defines services to be provided by David Evans and Associates, Inc. herein referred to as “DEA” and “Consultant” (inclusive of DEA subconsultants) for a Transportation Improvement Project (TIP) project administered by the Denver Regional Council of Governments (herein referred to as “DRCOG”) and managed by the City of Littleton (herein referred to as the “City”). This project will design multimodal upgrades along County Line Road between Broadway and the High Line Canal trailhead as well as improvements along approximately 0.2 miles of the High Line Canal Trail in Littleton, CO. This amendment includes scope and fee to perform additional environmental data collection and evaluation, alternatives development and conceptual design, final design and right of way plans.

**Elements of the Scope of Services**

A description of improvements for the project locations are listed below and shown in **Figure 1**:

1. County Line Road between Southpark Terrace and Broadway: widening on the west leg of the intersection of Broadway to lengthen the right turn lane. Mill and overlay between Southpark Terrace and Broadway will be designed and bid as a separate Littleton project but the associated striping will be designed as part of this scope of work. Widening on the west leg assumes no impact to current location of signal arm and only slight modifications to existing enhanced landscaping and signage.
2. Shared use path along County Line Road: shared use path on the south side of County Line Road between Broadway and the High Line Canal Trailhead.
3. Intersection improvements at Southpark Lane and County Line Road: intersection improvements at the intersection of Southpark Lane and County Line Road to facilitate protected bike movements in all directions and to bring the intersection up to meet current ADA guidelines.
4. Intersection improvements at Southpark Terrace: intersection improvements at the south side of the intersection of Southpark Terrace and County Line Road to facilitate bike movements and bring the curb ramps on the south side to bring them up to meet current ADA guidelines.
5. Paving of existing High Line Canal Trail: paving the High Line Canal Trail between High Line Canal Trailhead and the C-470 Trail along the west side of the High Line Canal, including improvements to the intersection of the High Line Canal Trail with the C-470 Trail.
6. Aggregate wheel tracks for maintenance access east of High Line Canal Trail.
7. Will also include improving drainage and addressing maintenance issues associated with the area to the southwest of the High Line Canal Trailhead parking lot.
8. Development of protected intersection alternatives and concepts as shown in **Figure 2**.

Figure 1: Scope Area Map 1 (full project area)

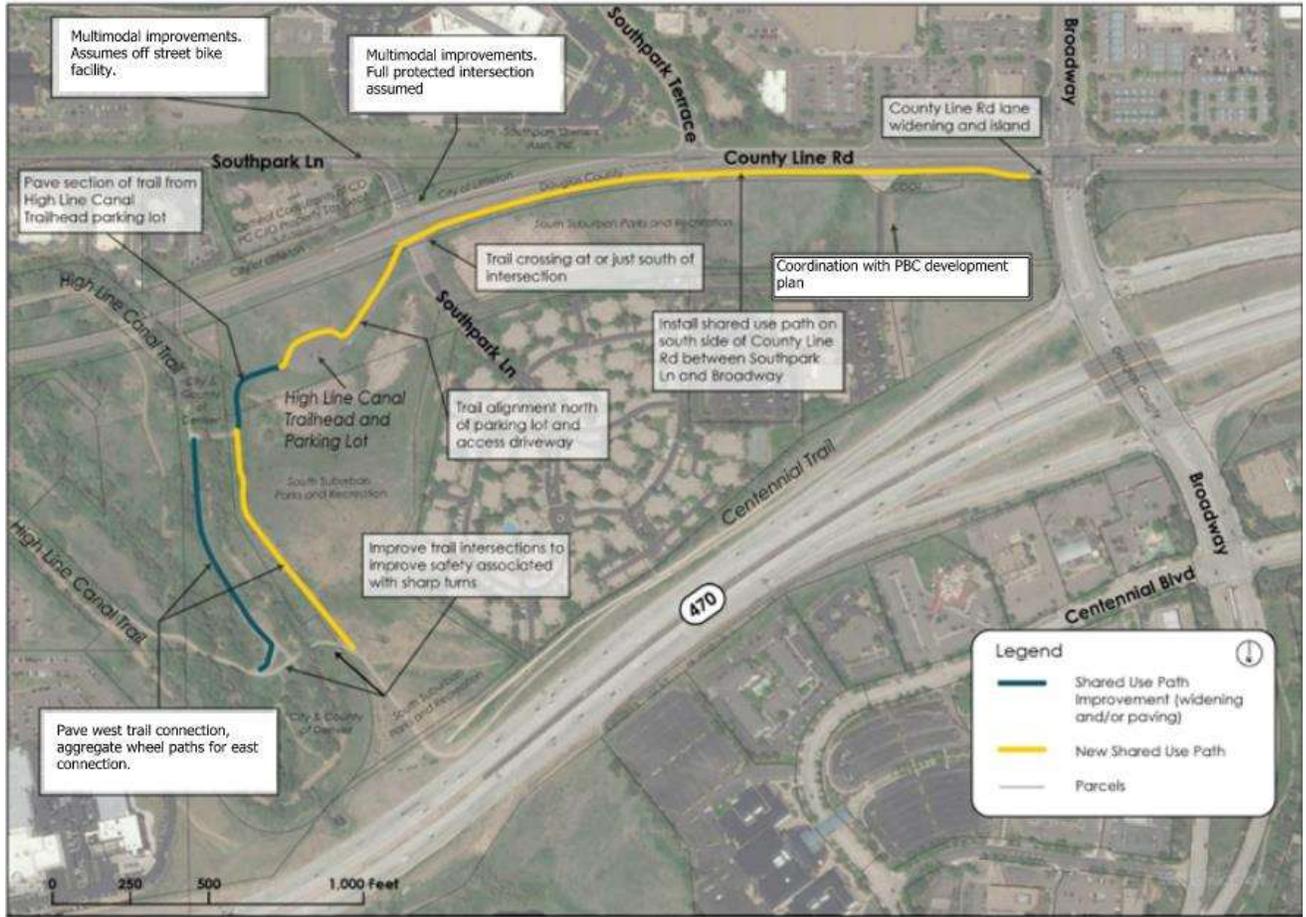
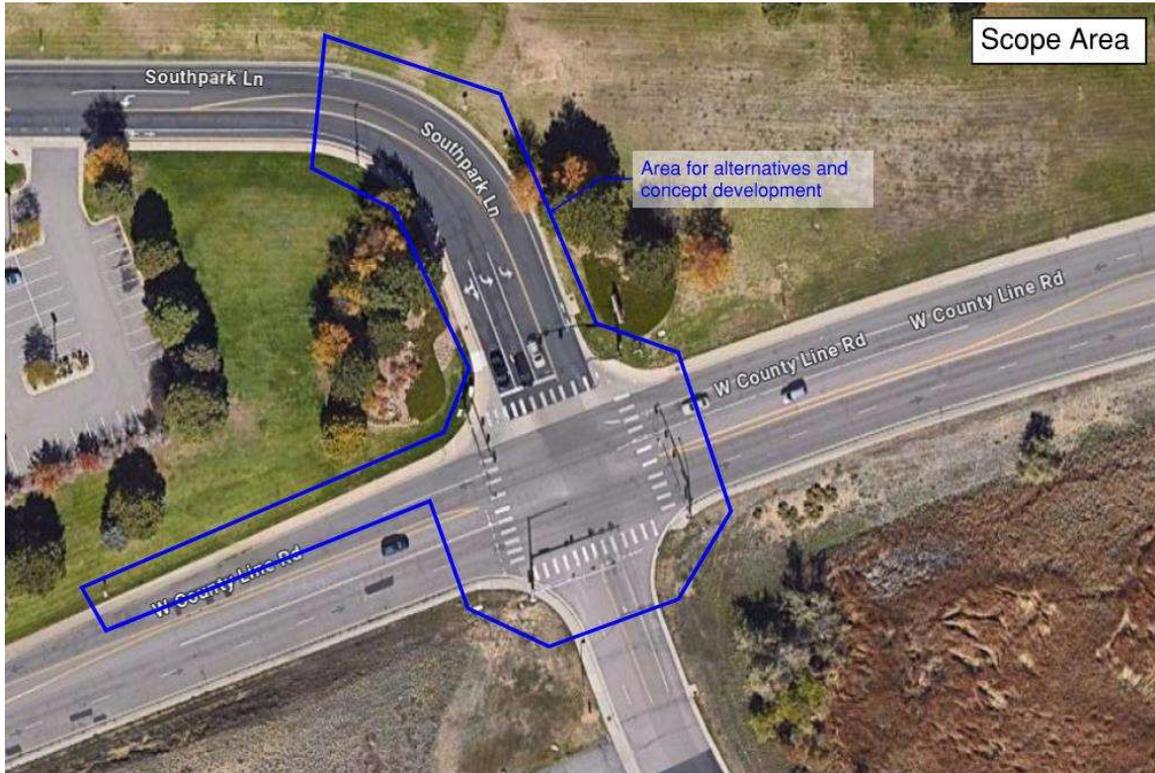


Figure 2: Scope Area Map 2 (protected intersection area)



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### Task 1: Project Management

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The additional project management included in this amendment is for additional coordination with South Suburban Parks and Recreation District (SSPRD) and their adjacent Pickle Ball Court (PBC) development.

The Consultant will:

- Conduct 4 additional meetings with South Suburban Parks and Recreation district to coordinate design between projects. These meetings are in addition to the regular monthly coordination meetings included in original Task Order
- conduct 2 additional meetings with PBC design team.
- Prepare exhibits for COL and SSPRD to convey work elements and division of work between projects. Assumes up to 10 hours.
- Coordinate and exchange CADD files with PBC design team, update design

**Deliverables:** Exhibits, CADD files, meeting action lists.

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## Task 2: Stakeholder Engagement and Public Outreach

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Not additional scope of work included in this amendment.

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## Task 3: Environmental Clearance

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### Archaeology

#### Background

The Consultant recently completed the Class III cultural resource pedestrian survey of the project area (Task 4 of original SOW) necessary for compliance with Section 106 of the National Historic Preservation Act, 1966, as amended. Based on the Consultant's survey results, there is one Native American site (23178-KM01) that overlaps the proposed grading limits. The Consultant has started reporting on the documented site and proposes additional tasks prior to completion and submittal of the survey results.

Additional tasks specific to the proposed project include:

- Further evaluative testing of 23178-KM01 to determine the site boundary's extent as well as to assess the nature and significance of the subsurface materials.
- Exploratory testing of a nearby intact landform to demonstrate a reasonable and good-faith effort to identify unknown cultural resources.

The Colorado Department of Transportation (CDOT) agrees with the Consultant's recommendation that subsurface testing is appropriate to determining National Register of Historic Places (NRHP) eligibility and has approved the Consultant's testing methodology (Greg Wolf, CDOT Archaeologist, personal communication, January 8, 2024). The Consultant will conduct evaluative testing at 23178-KM01 and exploratory testing of the nearby intact landform within the project area that conforms to the Secretary of the Interior's Guidelines for Identification and by supervisory personnel that meet the Secretary of the Interior's Professional Qualification Standards.

Testing entails the hand excavation of shovel tests (STs) to identify buried archaeological deposits. STs are generally about 35 centimeters (cm) wide by 90 cm deep (approximately 1 foot wide by 3 feet deep). STs will be spaced 10 meters (m) apart within and around sites. Sediment excavated from the STs is sifted through a 1/4-inch mesh screen and the ST is backfilled. Evaluative STs will help determine the nature, extent, and significance of buried cultural materials at 23178-KM01 and will likely provide sufficient evidence to support NRHP eligible or not eligible recommendations for the State Historic Preservation Officer (SHPO).

The Consultant has identified landforms in the project area that may contain buried cultural deposits not visible on the surface. Exploratory STs will focus on the intact hill north of the High Line Canal County Line Trailhead parking lot. STs will be spaced 30 m apart. Once the landform has been evaluated as either too old or disturbed, excavations will cease on that landform. If artifacts are recovered, additional STs (radials) will be excavated at 10 m intervals to determine the distribution of buried cultural material throughout the landform.

Newly identified cultural resources will be documented on relevant Office of Archaeology and Historic Preservation site forms, mapped, photographed, and located using a sub-meter GeoXH global positioning system unit. Each identified resource will be assessed for its eligibility to be listed in the NRHP per 36 Code of Federal Regulation 60.4 of the NHPA.

## Task Assumptions

- Assumes 20-30 STs will be necessary. If more than 30 STs are necessary because subsurface cultural deposits are extensive, Consultant will contact the City immediately.
- Consultant will not curate artifacts recovered from STs. Consultant will document and record any subsurface artifacts recovered from testing in the field and return the artifacts in the backfilled ST unless they are diagnostic artifacts or are particularly significant finds.
- The testing results will be added to the report (Task 4 of the original SOW).
- Assumes additional time is necessary for the Consultant to coordinate with the project team, SHPO, and affiliated tribes on any questions they have in regard to the survey results.
- Assumes that treatment of historic properties, if needed, would be conducted under a separate SOW.

## Environmental Justice Evaluation

In November 2023, CDOT added Environmental Justice (EJ) to the list of required resource clearances on Part B of the Form 128. This change affects all active projects requiring clearance under a Categorical Exclusion. To satisfy this new requirement, the Consultant will evaluate the effect of the project on the community surrounding the project area including EJ and disproportionately impacted populations. The evaluation will be conducted in accordance with the CDOT NEPA Manual (June 2023) and includes 4 census block groups (080350141072, 080050056342, 080050056321, 080350141311). Based on preliminary analysis using the Federal Highway Administration's *Screening Tool for Equity Analysis of Projects* and the Colorado Department of Public Health and Environment's *EnviroScreen* tool, two block groups in the study area potentially qualify as EJ populations.

The EJ evaluation will be based on the includes the following elements and deliverables:

- Identify minority, limited English proficiency, and low-income populations in the project area based on the most current 5-year census data.
- Identify disproportionately high and adverse human health, social, and environmental effects on minority and low-income populations.
- Describe the affected businesses, community facilities and public services (trails, parks, recreation centers, churches, emergency responders) that serve or are used by minority and low-income populations.
- Identify burdens to EJ populations and develop avoidance/mitigation measures to avoid disproportionately high and adverse impacts. Consider project benefits shared by minority and/or low-income populations.
- Determine the need for language assistance measures to overcome linguistic barriers and to ensure meaningful and effective public engagement.
- Prepare an EJ Technical Memorandum including affected environment, burdens and benefits anticipated from the project, proposed mitigation, and graphics.

## Deliverables

EJ Technical Memorandum with graphics/exhibits

### Assumptions

- Includes two reviews of the Memorandum (one by the City and one by CDOT) and associated edits/revisions.
- No site visits or in-person meetings are included.

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## Task 4: Survey and Right of Way

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### Prepare ROW Plan and Acquisition Documents:

- Obtain vesting deeds of the parcels in the project area.
- Obtain Title Commitments for impacted parcels
- Draft parcel lines, deed lines and easement lines from the vesting deeds and Title Commitments and incorporate into the ROW CAD Base
- Prepare ROW Acquisition Plans
- Prepare Acquisition and Easement Legal Descriptions

### Deliverables

ROW Plans and legal descriptions

### Assumptions

- No more than two ROW or easement acquisitions.
- No more than two Temporary Construction Easements.
- No more three exhibits and legal descriptions for local agency agreements

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## Task 5: Concept Development and Design

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### Project Wide Concept Development

This amendment includes alternatives development for the four project areas:

- High Line Canal east and west trail alternatives, including connection to C-470 trail (2 alternatives)
- Parking lot trail (3 alternatives)
- South Park Lane (4 alternatives, not including protected intersection)
- County Line shared use path (3 alternatives)

Concept development includes 2D linework, profile development, modeling to develop toes of slope, quantities and cost estimates for each alternative.

## Protected Intersection Concept Development

This amendment includes alternative development and conceptual layout of a protected bicycle crossing at the intersection of County Line Road and Southpark Lane, as described below:

- Draft and revised draft layout in Bluebeam PDF
  - » Includes initial alternative layout plus 1 round of review and updates
    - Assumes a protected facility concept
- Run right turn movements for control vehicle
- Draft and revised draft conceptual layout in CAD
  - » Includes initial layout plus 1 round of review and updates
- Assess design feasibility of draft and draft revised layouts
  - » Assess drainage and civil implications/requirements of draft layout
    - Assumes qualitative assessment to identify any fatal design flaws
  - » This CADD layout will serve as the base to advance into design.
- Cost estimate
  - » Conceptual level cost estimate with up to 5 pay items quantified, remaining items percentage based.
  - » Will be prepared for up to two layouts
- Synchro analysis
  - » Run analysis for lane removal/modification in one location.
- Look at 1 additional layout assuming an existing lane removal or modification
  - » Assumes 1 additional Bluebeam layout and 1 additional CADD layout.

## Design

### 30% design and plans

Completed as part of original Task Order.

### Final Design Plans, Specifications, and Cost Estimate (P, S, & E)

Upon completion of the 30% FIR Review, the project will proceed to Final Design. The Final Design Phase will include review submissions at ninety percent (90%) FOR and one hundred percent (100%) designs.

The Consultant will prepare plans and specifications necessary for bidding and constructing the project. A submittal of plans and specifications will be provided to the City for review at 90% FOR and 100% design completion.

The Consultant will provide calculations used during the design of the facilities. Design calculations and notes, sketches, and modeling outputs will be submitted to the City as a design report with the 100% construction document submittal. QC check sets for each submittal will be available upon request.

## 90% (FOR) Design

Prior to the 90% (FOR) submittal, the Consultant will incorporate all comments received during the 30% review. The Consultant will also continue progress on the plan & profile sheets and all other deliverables submitted during the 30% review; will advance grading, signing & striping, and utility design; and will update the design model. A draft set of specifications will also be included. The following sheets are anticipated for the 90% Submittal:

- Title Sheet
- General Notes
- CDOT M&S Standard Plans List Sheet
- Geometric Layout Sheets
- Survey Control Sheets
- Survey Tabulation
- SAQ and Tabulation of Quantities
- Typical Sections
- Special Detail Sheets
- Removal Plans
- Trail and Roadway Plan and Profile Sheets
- Drainage Plan and profiles
- Signing and Striping Plans
- Traffic Signal Modification Plans
- Construction Phasing Plans
- SWMP and Erosion Control plans
- Stamped SUE Plan and Test Hole Data Sheets/Summary
- Trail and roadway cross sections

### Quantities and Cost Estimates

A draft engineer's opinion of probable construction cost will be provided for the 90% design. CDOT specifications and pay items will be used as the basis for the quantities and cost estimates.

### Specifications

Project specifications will be prepared following CDOT format.

### 90% (FOR) Meetings and Coordination

- Discipline specific technical coordination meeting will be conducted as necessary to discuss design progress and decision items. Assumes one meeting.
- Prepare for and attend CDOT format FOR meeting, prepare meeting documentation
- Prepare 90% comment resolution matrix

## 100% Design

Prior to the 100% submittal, the Consultant will incorporate comments received during the 90% review. The Consultant will also continue to refine the design and supplement the information provided in the 90% submittal to a set of 100% construction documents. Note that detailed construction traffic control plans are not included as part of the final design package. 100% plan sheet index will be consistent with 90% submittal.

### Quantities and Cost Estimates

The final cost estimate will be updated and submitted with the 100% design submittal.

### Specifications

100% project specifications will be prepared and submitted with 100% plans.

## 90% (FOR) and 100% Design of protected intersection

This amendment includes 90% and 100% design of the protected intersection at County Line and South Park Lane. For the purpose of pricing, this effort is described separately, but will be included in the 90% and 100% plans, cost estimate and specifications described above. The CADD base created in concept development will serve as the basis of the 90% design. The assumed work area is shown in Figure 1.

The additional design at the protected intersection includes 90% and 100%:

- Curb return horizontal and profile modification on all four corners.
- Modification of drainage basins for expanded improvements.
- Design of signal pole on SE corner
- Signing and striping

### Assumptions

- Assumes no additional impact to private parcels. No right of way plans, legals or exhibits are included in the protected intersection scope of work.

Upon completion of the protected intersection concept development, the project will proceed to Final Design of the intersection. The Final Design Phase will include review submissions at ninety percent (90%) FOR and one hundred percent (100%) designs.

The Consultant will prepare plans and specifications necessary for bidding and constructing the project. A submittal of plans and specifications will be provided to the City for review at 90% FOR and 100% design completion.

## Discipline-Specific Scope Inclusions/Clarifications:

### Utilities

- This project is anticipated to meet the requirements of a Subsurface Utility Engineering (SUE) required project. The Consultant shall be responsible to meet these requirements as defined by Colorado Senate Bill 18-167 (SB18-167) and CRS-9-1.5.
- Develop SUE plans in appropriate CAD standards with depicting the achieved quality level and utility ownership, type, size, and material where provided. Draft SUE plans completed as part of previous task order. Final SUE plans are included in this amendment.

- Prepare a SUE report documenting Utility investigation findings and methods; Quality level definitions; Utility discrepancies, issues and recommendations; Utility owner information; and Test hole information (if applicable).

### **Stormwater**

Design through 30% (FIR) completed as part of previous task order. 90% and 100% will be funded in this amendment.

- It is anticipated that an existing 30-inch storm drainage line will run under or near the new trail. Impacts for the on-going operation and access to the pipe will be coordinated with Littleton’s Public Works Engineering Department. If needed to accommodate the new trail, the 30-inch pipe will be extended with appropriate outlet works and erosion control measures.
- DEA will evaluate and provide designs to existing storm drain facilities located on the south side of County Line Road, between Broadway and Southpark Lane:
  - » Relocation of an existing Type D inlet just east of the primary Southpark Terrace access
- For the portion of the shared use path to be constructed between County Line Road and the existing C-470 Trail, DEA will design up to three minor drainage crossings including any minor channels adjacent to the path that will direct drainage to the minor crossings. All existing drainage patterns will be matched downstream of the proposed path crossings.
- If modifications to Southpark Lane north of County Line Road are desired, we anticipate designing the relocation of up to two of the existing Southpark Lane curb inlets near the intersection and the existing curb inlet located in County Line Road just east of the intersection.
- Storage and outfalls associated with existing detention areas are not anticipated to be impacted by the new trail. During design activities, if it is determined that mitigation measures associated with existing detention areas are necessary, DEA will work with the City to modify the existing scope and fee to provide these additional services.
- A final storm water drainage memo will be developed addressing design improvements and erosion protection.
- The following elements were included in the previous scope of work but will be removed from the scope with this amendment
  - » Relocation of a storm sewer outfall just west of the primary Southpark Terrace access
  - » Extension of a storm drain outfall adjacent to the existing curb inlet located roughly halfway between the primary Southpark Terrace access and Southpark Lane

### **Assumptions:**

- No drainage improvements at the Broadway/County Line Rd intersection.
- No additional stormwater permitting needs for work around and connections to the HLC.
- No drainage design associated with the existing High Line Canal Trailhead parking lot.
- No impacts to existing flood control and/or water quality facilities for the unnamed tributary of Dad Clark Gulch (between the High Line Canal and the primary Southpark Terrace access)
- No modifications to the existing trail crossing of the unnamed tributary of Dad Clark Gulch (just west of the existing High Line Canal Trailhead parking lot)
- No drainage improvements required along the High Line Canal trail.

- No permanent water quality facility/BMPs will be required for this project.
  - » Water quality maps, design, and documentation are not included in this scope of work.
    - Project will require CDOT review of and concurrence with approach to water quality. If water quality analysis and design of permanent BMPs are required, it will be performed under a revised scope of work.
- Design will not impact floodplain and will not require any efforts associated with floodplain permitting.
- Floodplain analysis (FEMA or MHFD flood zones) and FEMA submittals (CLOMR and LOMR) are not included in the scope of work.
- Hydrologic and Hydraulic modeling is not included in this scope of work.
- 2-Dimensional and sediment transport modeling is not included in the scope of work.

### **SWMP**

Design through 30% (FIR) completed as part of previous task order. 90% and 100% will be funded in this amendment.

- DEA will evaluate the area for stormwater concerns and complete a Stormwater Management Plan (SWMP) for the project area, according to CDOT guidance and following the CDOT SWMP template. DEA assumes that more than 1 acre of disturbance is likely. The SWMP will include site description data including an analysis of soils, vegetation, pollutant sources, surface hydrology, and a proposed sequencing of construction activities. The SWMP will also include maps with the locations of construction site boundaries, disturbances, cut and fill areas, waterways and wetlands, sensitive natural and cultural resources, and staging and stockpiling areas. The plan will identify the stormwater administrator, outline the administrator's responsibilities, and describe the best management practices (BMPs) that will be implemented during construction and maintenance, as well as any interim and permanent stabilization measures that may be required. DEA will complete the Structural BMPs/Control Measures, and the Non-Structural BMPs/Control Measures matrices, and provide a complete tabulation of the inputs needed for BMPs/control measures applicable to the project. The SWMP will include a plan for managing stormwater during construction and will include a revegetation plan with appropriate native species and outline BMPs for soil storage, conditioning, and application. Lastly, DEA will incorporate the biological impacts of the project, including any impacts to wetlands, streams, and T&E species.
- DEA will also prepare a letter to CDOT on behalf of the City documenting that the project is in compliance with the Littleton and Highlands Ranch Storm Drainage Design and Technical Criteria Manual and permanent water quality portion of MS4 Permit.

### **Signing and Striping**

Design through 30% (FIR) completed as part of previous task order. 90% and 100% will be funded in this amendment.

- The Consultant will provide signing and striping design plans and specifications. Plans will be in conformance with the Manual on Uniform Traffic Control Devices (MUTCD) and City standards.
- Final signing and striping plans (90%) will include sign tabulations, pavement marking tabulations, traffic engineering items tabulations, and details for special sign layouts.

### **Traffic Signals**

Design through 30% (FIR) completed as part of previous task order. 90% and 100% will be funded in this amendment.

- The Consultant will provide plans for signal pole modifications and additional pedestrian/bicycle detection at the following three existing County Line Road intersections: Southpark Lane (1 signal pole modification), Southpark Terrace (south leg only) (ped/bike detection), and Broadway (west leg only) (ped/bike detection, if necessary).
- It is assumed that the existing controller and power source and associated wiring will not be modified/replaced and an electrical one-line diagram will not be required. If the signal design components need a one-line diagram, additional scope and fee will be required.
- It is assumed that the improvements are limited to the pedestrian/bicycle crossings and not a full signal replacement of equipment due to condition or vehicular needs. The pedestrian/bicycle detection will be handled with additional pedestal poles and/or posts and the existing mast arm poles will not be modified/replaced unless necessary. It is assumed that 1 signal pole design is included, on the NW corner of Southpark Lane and County Line.
- The Consultant will fill out the CDOT Systems Engineering Analysis (SEA) form for documentation as part of the 90% (FOR) submittal, but it is assumed that the project will not require a full SEA. If the project does need an SEA, additional scope and fee will be required.

### **Construction Phasing**

The Consultant will be responsible for design and preparation of construction phasing plans and traffic control specifications. The construction phasing plans will show suggested phasing for the contractor to consider with bidding and will show construction work zones and traffic flow/lane areas for each phase, as well as construction traffic control notes. Traffic control item tabulations will be included, based on the suggested phasing. These will be provided at the 90% and 100% submittals. All construction phasing will be according to MUTCD. Detailed traffic control plans will not be included in the plan sets.

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### **Task 6: Preparation of Advertisement Plans**

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Upon completion of the 100% review, the Consultant will incorporate comments and complete final updates to the project documents. The Consultant will then provide the City with plans and specifications which are ready for construction advertisement. Preparation of other advertisement materials is excluded from this scope of work.

## Bidding

The Consultant will assist the City during the bidding phase by being the primary contact for technical questions from prospective contractors and suppliers. The Consultant will also prepare any addenda required to clarify questions during the bid period. The Consultant will also participate in the pre-bid meeting. The Consultant will also estimate the construction timing and schedule. The estimated construction schedule will be submitted with the 100% submittal package.

### Assumptions

- Bidding support by the Consultant will be limited to \$2,000.
- The City will submit the application to agencies as required and will provide all applicable application fees at the time of submission.
- Construction dewatering or any other construction permit will be obtained by the contractor.

## Permits

The Consultant will prepare the following permit applications/letters on behalf of the City:

- MS4 jurisdictional control letter

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## Deliverables for Tasks 5 and 6

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90%, and 100% plans, cost estimates, drainage report, utility investigation, SUE documentation, and design specifications.

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## Task 7: Additional Services

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\$22,000 will be included in this amendment for additional tasks as determined necessary by the client PM.

Tasks could include but are not limited to:

- Water quality design.
- One additional legal and exhibit due to additional property impact.
- Title work on one additional impacted property.

Not all tasks above will be funded with the \$22,000. The scope of work, and what portion of the \$22,000 will be distributed to the consultant will be agreed upon by the consultant and client PM, and documented via e-mail.

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## Scope Exclusions

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- USACE 404 Individual Permit application preparation
- Preparation of construction stormwater/dewatering/street use permits
- Visualization exhibits and deliverables (except as identified in the scope)
- Phased construction documents (it is assumed that the work will be bid and constructed as one project)
- Landscaping design except for seed mixes used to stabilize fills and slopes
- Street lighting
- Fiber communication or interconnect design or plans
- Electrical one-line diagrams

<b>County Line Road Shared Use Path Connections Fee Summary</b> <b>2/21/24</b> <b>TO #1 Amendment #1</b>  Total (DEA, Triunity, ERO)      \$246,700.00
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David Evans and Associates, Inc.

Classification	Hourly Rate	Hours	Total
Senior Project Manager	\$250	77	\$19,250.00
Senior Project Engineer	\$205	44	\$9,020.00
Engineering Task Leader	\$190	111	\$21,090.00
Senior Designer	\$195	0	\$0.00
Engineer III	\$162	0	\$0.00
Engineer II	\$155	186	\$28,830.00
Engineer I	\$147	250	\$36,750.00
Designer	\$125	120	\$15,000.00
Junior Engineer II	\$135	165	\$22,275.00
Junior Engineer I	\$120	150	\$18,000.00
CADD Technician II	\$110	0	\$0.00
Survey Manager	\$230	6	\$1,380.00
Project Surveyor	\$160	8	\$1,280.00
Survey Technician II	\$132	60	\$7,920.00
Survey Technician/Draftsman	\$120	0	\$0.00
GPS Surveyor	\$138	0	\$0.00
Planning Task Leader	\$205	60	\$12,300.00
Planner	\$155	82	\$12,710.00
Transportation Planner II	\$163	15	\$2,445.00
Graphics Specialist II	\$130	4	\$520.00
Project Accountant	\$135	0	\$0.00
Junior Planner	\$110	74	\$8,140.00
Senior Administrative Assistant	\$115	6	\$690.00
DEA total			\$217,600.00

Triunity

Classification	Hourly Rate	Hours	Total
Principal	\$220	0	\$0.00
Project Manager IV	\$205	4	\$820.00
Project Manager II	\$175	0	\$0.00
Project Manager I	\$160	62	\$9,920.00
Project Engineer III	\$135	19	\$2,565.00
Project Engineer II	\$125	0	\$0.00
Project Engineer I	\$115	8	\$920.00
EIT I	\$90	110	\$9,900.00
Project Coordinator II	\$115	0	\$0.00
Designer/Drafter V	\$125	4	\$500.00
Triunity total			\$24,625.00

ERO Resources

Classification	Hourly Rate	Hours	Total
Project Principal	\$197		\$0.00
Biologist I	\$156		\$0.00
Staff Biologist	\$109		\$0.00
Geoscientist I	\$156		\$0.00
Geoscience Technician	\$80		\$0.00
GIS/Graphics Specialist	\$125		\$0.00
Senior Cultural Resource Specialist	\$135	19	\$2,565.00
Staff Cultural Resource Specialist	\$96	18	\$1,728.00
Architectural Historian	\$109		\$0.00
Word Processing/Editor	\$99		\$0.00
Administrative Staff	\$84		\$0.00
Other expenses			\$182.00
ERO total			\$4,475.00

<b>Total</b>	<b>\$246,700.00</b>
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Triunity work hour breakdown - for information only

Task	Principal/ Matt Olley	Project Manager IV/ Kurt Shitker	Project Manager II/ Steve Ficker	Project Manager I/ Jenn Nielson	Project Engineer III/ Ryan Stroh	Project Engineer II/ Teagan Kramer	Project Engineer I/ Rowayne Schatz	EIT I/ Lia Graklanoff	Project Coordinator II/ Jen Myler	Designer/Draft er V John Gonzales/Roxa nne Bennett	Designer/Draft er I Veronica James	Vendor Services*	Total hour	Total cost
	\$ 220.00	\$ 205.00	\$ 175.00	\$ 160.00	\$ 135.00	\$ 125.00	\$ 115.00	\$ 90.00	\$ 115.00	\$ 125.00	\$ 105.00	\$ 3,000.00		
PM													0	\$ -
FIR (30%) Utility Coordination & Design													0	\$ -
FOR (95%) Utility Coordination & Design		2		41	17		8	72		4			144	\$ 17,165.00
Utility Clearances				4				8					12	\$ 1,360.00
AD (100%) Utility Coordination & Design		2		17	2			30					51	\$ 6,100.00
	0	4	0	62	19	0	8	110	0	4	0	0		
													Total	\$ 24,625.00



ERO Resources Corporation

Denver	1626 Cole Boulevard, Suite 100, Lakewood, CO 80401
Durango	835 East 2nd Avenue, Suite 400, Durango, CO 81301
Hotchkiss	161 South 2nd Street, PO Box 932, Hotchkiss, CO 81419
Idaho	7154 West State Street, Suite 398, Boise, ID 83714

January 10, 2024

Michael Gloden  
 David Evans and Associates, Inc.  
 1600 Broadway, Suite 800  
 Denver, CO 80202

**RE:** County Line Road Shared Use Path Connections Project, Arapahoe and Douglas Counties, Colorado

Dear Mr. Gloden,

Please find attached the proposed Scope of Work to conduct additional work for archaeological clearance of the County Line Road Shared Use Path Connections Project in the City of Littleton, Colorado. Also attached are our Terms and Conditions.

ERO Resources Corporation (ERO) will complete the project according to the attached Scope of Work. The project will be completed on a time-and-materials basis for a cost not to exceed **\$4,475.00**, including expenses billed at cost plus 8 percent.

Please sign and return the enclosed copy of this package to signify your acceptance of this proposal.

ERO appreciates the opportunity to propose on this project. If I can provide you with additional information, please contact me at 720.382.4547 or by e-mail at [jhedlund@eroresources.com](mailto:jhedlund@eroresources.com).

Sincerely,

Jonathan Hedlund  
 Senior Archaeologist

ACCEPTED BY CLIENT:

Signature	Date

ACCEPTED BY ERO:

	1/10/2024
Signature	Date

Attachments:

- Scope of Work
- Terms and Conditions