

**PROPOSED AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BY AND BETWEEN
CITY OF PUEBLO AND
SHORT-ELLIOTT-HENDRICKSON, INCORPORATED**

THIS AGREEMENT made and entered this ____ day of March, 2022, by and between the City of Pueblo, a Municipal Corporation (hereinafter "Owner" or "City") and Short-Elliott-Hendrickson, Incorporated a registered Minnesota Corporation authorized to do business in the State of Colorado, a professional consulting/engineering firm (hereinafter "Consultant") for Consultant to render certain professional planning, design, engineering and related services for Owner in connection with Bid 21-075 RFQ - Design and Engineering for Dillon and Eagleridge Roundabout, hereinafter referred to as the "Project." In consideration of the mutual covenants hereinafter set forth, the parties agree as follows:

SECTION 1. GENERAL

1.1 Consultant shall satisfactorily perform professional planning and design services for all phases of Project indicated below by mark placed in the appropriate box or boxes with the ordinary degree of skill and care that would be used by other reasonably competent practitioners of the same discipline under similar circumstances in the same location:

- Study and Report Phase
- Preliminary Design Phase
- Final Design Phase
- Preparation of Construction Documents & Bidding Phase
- Construction Services Phase

Upon completion of any phase, Consultant shall not proceed with work on the next phase, if any, until authorized in writing by Owner to proceed therewith.

Such services shall include all usual and customary professional engineering services and the furnishing (directly or through its professional consultants) of customary and usual civil, structural, mechanical, electrical engineering, environmental, and planning services. Consultant shall also provide any landscape engineering, surveying, and geotechnical services incident to its work on the Project.

1.2 In performing the professional services, Consultant shall complete the work items described generally in Schedule 1 – "Scope of Services" and the items identified in Section 2 of this Agreement which are applicable to each phase for which Consultant is to render professional services.

1.3 Professional engineering services (whether furnished directly or through a professional consultant subcontract) shall be performed under the direction and supervision of a registered engineer in good standing and duly licensed to practice in the State of Colorado. Reproductions of final drawings for construction produced under this Agreement shall be the same as at least one record set which shall be furnished to Owner and which shall be signed by and bear the seal of such registered engineer.

1.4 Surveying work included within or reasonably contemplated by this Agreement shall be performed under the direction and supervision of a registered Professional Land Surveyor in good standing and duly licensed to practice in the State of Colorado. All plats and surveys produced under this Agreement shall be signed by and bear the seal of said Professional Land Surveyor.

1.5 Any architect services provided under this Agreement shall be performed under the direction and supervision of an architect licensed to practice architecture in the state of Colorado.

SECTION 2. CONSULTING/ENGINEERING SERVICES

2.1 Study and Report Phase. If Consultant is to provide professional services with respect to the Project during the Study and Report Phase, Consultant shall perform the following unless otherwise stated in Schedule 1:

- (a) Consult with Owner to determine his requirements for the Project and review available data.
- (b) Advise Owner as to the necessity of his providing or obtaining from others data or services of the types described in paragraph 2.2(c) and assist Owner in obtaining any such services.
- (c) Provide special analyses of Owner's needs, planning surveys, site evaluations and comparative studies of prospective sites and solutions.
- (d) Identify and analyze requirements of governmental authorities and regulatory agencies involved in approval or permitting any aspect of Project.
- (e) Provide general economic analysis of Owner's requirements applicable to various alternatives.
- (f) Prepare a Report with appropriate exhibits indicating clearly the considerations involved and the alternative solutions available to Owner and setting forth Consultant's findings and recommendations with opinions of probable costs.
- (g) Furnish one (1) hard copy and one (1) electronic copy of the Report and present and review it in person with Owner. Owner may request additional copies as needed for no additional charge.

2.2 Preliminary Design Phase. If Consultant is to provide professional services with respect to the Project during the Preliminary Design Phase, Consultant shall perform the following unless otherwise stated in Schedule 1:

- (a) Consult with Owner and determine the general design concept and Project requirements based upon information furnished by Owner as well as any study Report on the Project.
- (b) Prepare and submit to Owner preliminary design documents consisting of final design criteria, preliminary drawings, an outline of specifications, and written descriptions of all significant features of Project.
- (c) Prepare and submit to Owner a requirements checklist of any subsurface investigation, additional data, permits, or other information and requirements which is anticipated will be necessary for the design or construction of Project.
- (d) Provide written disclosure to Owner of significant design assumptions and design risks and advantages/disadvantages inherent in or presented by design alternatives and make recommendations to Owner based thereon.
- (e) Prepare and submit to Owner a preliminary cost estimate for the Project including construction cost, contingencies, professional compensation, consultant fees, costs of land and rights of way, compensation for damages and finance costs, if any.
- (f) Consultant shall furnish one (1) hard copy and one (1) electronic copy of each above referenced submittal document to Owner for Owner's use and shall review same in person with Owner. Owner may request additional copies as needed for no additional charge.

2.3 Final Design Phase. If Consultant is to provide professional services with respect to the Project during the Final Design Phase, Consultant shall perform the following unless otherwise stated in Schedule 1:

- (a) After consultation with the Owner, receipt of Owner's selection of any design options and review of the Preliminary Design Documents, if any, prepare and submit to Owner final Drawings showing the scope,

extent, and character of the work to be performed by contractors, and Specifications describing such work and the requirement therefor. Such plans and Specifications shall comply with all applicable building codes and requirements of regulatory agencies having any approval authority. Final design, including Drawings and Specifications, shall also comply with ADA Accessibility Guidelines (ADAAG) Manual developed by the U. S. Architectural and Transportation Barriers Board (1998) or ADA Standards for Accessible Design published at 28 C.F.R. Part 36, Appendix A, whichever is applicable. Consultant shall include an attest statement on each record drawing sheet of final plan drawings that certifies compliance with either the ADAAG Manual or 28 CFR ' 36 Standards.

(b) Make reasonable revisions to the Drawings and Specifications requested by Owner, informing the Owner of any change in probable construction costs as a result of such revisions.

(c) Provide technical criteria, written descriptions, and design data for Owner's use, and disclose any significant risks and advantages/disadvantages inherent in or presented by design choices.

(d) Based upon Consultant's customary and usual professional judgment, prepare and submit to Owner a current detailed cost estimate for the Project including construction cost, contingencies, professional compensation, consultant fees, land and right of way costs, damages, and finance costs, if any.

(e) Consultant shall furnish one (1) hard copy and one (1) electronic copy of each above referenced submittal document to Owner for Owner's use and shall review same in person with Owner. Owner may request additional copies as needed for no additional charge.

2.4 Preparation of Construction Documents & Bidding Phase. If Consultant is to provide professional services with respect to the Project during the Preparation of Construction Documents & Bidding Phase, Consultant shall perform the following unless otherwise stated in Schedule 1:

(a) Prepare and submit to Owner draft forms of contract agreement, general and special conditions, bid forms invitations to bid, information for bidders, forms of warranty and including any special requirements imposed upon such contracts by any federal or other funding source and by any regulatory agency. In preparing such draft forms, Consultant shall consider and incorporate, to the extent both advisable and feasible, Owner's standard forms of agreement, warranty, payment and performance bonds, general conditions, and selected specifications.

(b) After review and comment by Owner, prepare and submit all deliverables identified in Schedule 1 to this Agreement, final forms of contract agreement, general and special conditions, Drawings, specifications, bid forms, invitations to bid, information for bidders, and forms of warranty, together with any Addenda which may be required or appropriate to correct errors, clarify Drawings or Specifications or advise of changes. One (1) hard copy and one (1) electronic copy of these final bid documents shall be furnished to Owner. Unless otherwise specified in Schedule 1, a copy of all contract documents and drawings shall also be submitted to Owner in Microsoft Word and AutoCAD (2006 or later version) format on electronic media.

(c) Make recommendations to Owner concerning the need for prequalification of equipment, vendors, or bidders, and, if requested by Owner, incorporate prequalification requirements in final bid and construction contract documents.

(d) Attend a pre-bid conference with bidders to discuss Project requirements and receive requests for clarification, if any, to be answered by Consultant in writing to all plan holders.

(e) Consult with and make recommendations to Owner concerning acceptability of bidders, subcontractors, suppliers, materials, equipment, suitability of proposed "or equals", amount of bids, and any other matter involved in consideration and review of bids and bidders upon which Owner may reasonably request Consultant's advice.

2.5 Construction Services Phase. If Consultant is to provide professional services with respect to the Project during the Construction Services Phase, after award by the Owner of a general contract or contracts for construction of the Project, Consultant shall perform the following unless otherwise stated in Schedule 1:

- (a) Perform all duties and functions to be performed by Consultant under the terms of the construction contract.
- (b) Visit the Project site, perform observations as to the progress and quality of the work and advise the Owner as to same. The frequency and level of observation shall be commensurate with the nature of the work and size of the Project, except that any specific provisions set forth in Schedule 1 - Scope of Services concerning the level of observation shall determine Consultant's obligation concerning level of observation.
- (c) Make determinations as to whether the work is proceeding in accordance and compliance with the construction contract documents.
- (d) Promptly advise the Owner in writing of any omissions, substitutions, defects, or deficiencies noted in the work of any contractor, subcontractor, supplier, or vendor on the Project.
- (e) Reject any work on the Project that does not conform to the contract documents.
- (f) On request of the Owner, the construction contractor or any subcontractor on the Project, issue written interpretations as to the Drawings and Specifications and requirements of the construction work.
- (g) Review shop drawings, samples, product data, and other submittals of the Contractor for conformance with the design concept of Project and compliance with the Drawings, Specifications, and all other contract documents, and indicate to Contractor and Owner with respect thereto, any exceptions noted, or modification or resubmittals required.
- (h) Review all applications of Contractor for payment and in connection with same, issue certificates for payment to the Owner for such amounts as are properly payable under the terms of the construction contract. Each such certificate shall constitute Consultant's representation to Owner that he has inspected the Project and that to the best of his knowledge, the work for which payment has been sought has been completed by Contractor in accordance with the Drawings, Specifications, and other contract documents.
- (i) Subject to written concurrence by Owner, promptly render a written recommendation to Owner concerning all proposed substitutions of material and equipment.
- (j) Draft, for Owner's consideration, and offer recommendations upon, all proposed change orders and contract modifications.
- (k) On application for final payment by the Contractor, make a final inspection of the Project, assembling and delivering to the Owner any written guaranties, instructions manuals, as-built drawings, diagrams, and charts required by the contract documents, and issuing a certificate of final completion of the Project.
- (l) The Consultant shall, if provided in the construction contract, be the interpreter of the construction documents and arbiter of claims and disputes thereunder. Upon written request of the Owner or Contractor, the Consultant shall promptly make written interpretations of the contract documents and render written decisions on all claims, disputes and other matters relating to the execution or progress of the work on the Project. The interpretations and decisions of the Consultant shall be final and binding on the Contractor and Owner, unless the Director of Public Works of the Owner shall, within seven calendar days after receipt of the Consultant's interpretation or decision, file his written objections thereto with the Consultant and Contractor.

2.6 Additional Responsibilities. This paragraph applies to all phases of Consultant's work.

(a) Consultant shall be responsible for the professional quality, technical accuracy, timely completion, and coordination of all of Consultant's work, including that performed by Consultant's consultants, and including designs, Drawings, Specifications, reports, and other services, irrespective of Owner's approval or acquiescence in same. Consultant shall, without additional compensation, correct or revise any errors, omissions, or other deficiencies in his work.

(b) Consultant shall be responsible, in accordance with applicable law, to Owner for all loss or damage to Owner caused by Consultant's negligent act or omission; except that Consultant hereby irrevocably waives and excuses Owner and its attorneys from compliance with any requirement to obtain a certificate of review as a condition precedent to commencement of an action, including any such requirements set forth in Section 13-20-602, C.R.S. or similar statute.

(c) Consultant's professional responsibility shall comply with the standard of care applicable to the type of engineering and architectural services provided, for similarly situated Engineers, commensurate with the size, scope, and nature of the Project.

(d) Consultant shall be completely responsible for the safety of Consultant's employees in the execution of work under this Agreement, shall provide all necessary safety equipment for said employees, and shall hold harmless and indemnify and defend Owner from any and all claims, suits, loss, or injury to Consultant's employees.

(e) Consultant acknowledges that, due to the nature of engineering and related professional services and the impact of same on the Project, the Owner has a substantial interest in the personnel and consultants to whom Consultant assigns principal responsibility for services performed under this Agreement. Consequently, Consultant represents that Consultant has selected and intends to employ or assign the key personnel and consultants identified in Schedule 3 - "Identification of Personnel, Subcontractors, and Task Responsibility", attached hereto for the Project assignments and areas of responsibility stated therein. Within 10 days of execution of this Agreement, Owner shall have the right to object in writing to employment on the Project of any such key person, consultant, or assignment of principal responsibility, in which case Consultant will employ alternate personnel for such function or reassign such responsibility to another to whom Owner has no reasonable objection. Thereafter, Consultant shall not assign or reassign Project work to any person to whom Owner has reasonable objection.

Within five (5) days of execution of this Agreement, Consultant shall designate in writing a Project representative who shall have complete authority to bind Consultant, and to whom Owner should address communications.

(f) Promptly after execution of this Agreement and upon receipt of authorization from Owner to proceed, Consultant shall submit to Owner for approval a schedule showing the order in which Consultant proposes to accomplish his work, with dates on which he will commence and complete each major work item. The schedule shall provide for performance of the work in a timely manner so as to not delay Owner's timetable for achievement of interim tasks and final completion of Project work, provided however, the Consultant will not be responsible for delays beyond his control.

(g) Before undertaking any work which Consultant considers beyond or in addition to the scope of work and services which Consultant has contractually agreed to perform under the terms of this Agreement, Consultant shall advise Owner in writing (i) that Consultant considers the work beyond the scope of this Agreement, (ii) the reasons the Consultant believes the out of scope or additional work should be performed, and (iii) a reasonable estimate of the cost of such work. Consultant shall not proceed with such out of scope or additional work until authorized in writing by Owner. The compensation for such authorized work shall be negotiated, but in the event the parties fail to negotiate or are unable to agree as to compensation, then Consultant shall be compensated for his direct costs and professional time at the rates set forth in Schedule 2 - "Fee Schedule".

2.7 Requirements For State of Colorado Funding Assistance.

Consultant understands that Owner will be funding the Project in part or in whole by a grant or loan from the State of Colorado Department of Transportation (the "State Agency") including by federal-aid funds. Consultant agrees it is subject to and shall comply with all applicable grant or loan conditions and the regulations of the State Agency and federal-aid funds certifications and regulations which apply to the work under this Agreement, whether referenced in Schedule 1 or not. All applicable loan or grant conditions and regulations of the State Agency and federal-aid funds certifications and regulations are set forth in the CDOT Submittal and State of Colorado Intergovernmental Agreement ("IGA"), a copy of which is attached hereto, labelled Schedule 4 and incorporated herein. Without in any manner limiting such obligations, Consultant expressly acknowledges and agrees that:

- (a) The design work under this Agreement shall be compatible with the requirements of the IGA for the design/construction of the project. The State Agency is an intended third-party beneficiary of this Agreement for that purpose.
- (b) Upon advertisement of the project work for construction, the Consultant shall make available services as requested by the State Agency to assist the State Agency in the evaluation of construction and the resolution of construction problems that may arise during the construction of the project.
- (c) The Consultant shall review the construction Contractor's shop drawings for conformance with the contract documents and compliance with the provisions of the State Agency's publication, Standard Specifications for Road and Bridge Construction, in connection with this work.
- (d) The State Agency, in its sole discretion, may review construction plans, special provisions and estimates and may require Owner to make such changes therein as the State Agency determines necessary to comply with State Agency and FHWA requirements.

SECTION 3. OWNER'S RESPONSIBILITIES

3.1 Owner shall:

- (a) Designate a representative to whom all communications from Consultant shall be directed and who shall have limited administrative authority on behalf of Owner to receive and transmit information and make decisions with respect to Project. Said representative shall not, however, have authority to bind Owner as to matters of legislative or fiscal policy.
- (b) Advise Consultant of Owner's Project requirements including objective, project criteria, use and performance requirements, special considerations, physical limitations, financial constraints, and required construction contract provisions and standards.
- (c) Provide Consultant with available information pertinent to the Project including any previous reports, studies or data possessed by Owner which relates to design or construction of the Project.
- (d) Assist in arranging for Consultant to have access to enter private and public property as required for Consultant to perform his services.
- (e) Examine all studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Consultant, and render written decisions pertaining thereto within a reasonable time. The Owner's approval of Drawings, design, Specifications, reports and incidental engineering work or materials furnished hereunder shall not in any way relieve the Consultant of responsibility for the professional adequacy of his work. The Owner's review, approval, or acceptance of, or payment for, any of the services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

(f) Upon advice of the necessity to do so from Consultant, obtain required approvals and permits for the Project. The Consultant shall provide all supportive documents and exhibits necessary for obtaining said approvals and permits.

(g) Notify Consultant whenever Owner becomes aware of any substantial development or occurrence which materially affects the scope or timing of Consultant's services.

(h) Owner shall perform its obligations and render decisions within a reasonable time under the presented circumstances. However, given the nature of Owner's internal organization and requirements, a period of 14 days shall be presumed reasonable for any decision not involving policy decision or significant financial impact. A period of 45 days shall be presumed reasonable for Owner to act with respect to any matter involving policy or significant financial impact.

SECTION 4. TIME FOR PERFORMANCE

Consultant's obligation to render services shall continue for such period of time as may reasonably be required for completion of the work contemplated in Schedule 1 – “Scope of Services” and Section 1 of this Agreement.

SECTION 5. PAYMENT

5.1 Owner will pay to Consultant as full compensation for all services required to be performed by Consultant under this Agreement, except for services for additional work or work beyond the scope of this Agreement, an amount not to exceed \$229,243.00 in the aggregate, and not to exceed those maximum amounts set forth in Schedule 2 - "Fee Schedule" and computed in accordance with this Section. In the event compensation for services as set forth in Schedule 2 as to each phase of work indicated in Section 1.1 of this Agreement, the maximum amount of compensation for any phase shall not exceed the amount specified in Schedule 2 for such phase.

5.2 Consultant shall submit periodic, but not more frequently than monthly, applications for payment, aggregating to not more than the maximum amount, for actual professional services rendered and reimbursable expenses incurred.

Such applications shall be submitted with appropriate documentation that such services have been performed and expenses incurred. Thereafter, Owner shall pay Consultant for the amount of the application within 40 days of the date of billing, provided that sufficient documentation has been furnished, and further provided that Owner will not be required to pay more than 90% of the maximum amount unless the Consultant's services on the Project phases for which this Agreement is applicable have been completed to Owner's reasonable satisfaction and all required Consultant submittals have been provided.

5.3 The rates of compensation for service and for reimbursable expenses to be used with periodic and final payment applications shall be those set forth in Schedule 2 - "Fee Schedule."

5.4 No separate or additional payment shall be made for profit, overhead, local telephone expenses, lodging, routine photocopying, computer time, secretarial or clerical time or similar expenses unless otherwise provided and listed in Schedule 2 - "Fee Schedule."

5.5 No compensation shall be paid to Consultant for services required and expenditures incurred in correcting Consultant's mistakes or negligence.

5.6 Compensation for authorized work beyond the scope of this Agreement shall be governed by Paragraph 2.6(g).

SECTION 6. TERMINATION

6.1 Owner reserves the right to terminate this Agreement and Consultant's performance hereunder, at any time upon written notice, either for cause or for convenience. Upon such termination, Consultant and its subcontractors shall cease all work and stop incurring expenses, and shall promptly deliver to Client all data, drawings, specifications,

reports, plans, calculations, summaries and all other information, documents, work product and materials as Consultant may have accumulated in performing this Agreement, together with all finished work and work in progress.

6.2 Upon termination of this Agreement for events or reasons not the fault of Consultant, Consultant shall be paid at the rates specified in Schedule 2 for all services rendered and reasonable costs incurred to date of termination; together with any reasonable costs incurred within 10 days of termination provided such latter costs could not be avoided or were incurred in mitigating loss or expenses to Consultant or Client. In no event shall payment to Consultant upon termination exceed the maximum compensation provided for complete performance in Section 3(a).

6.3 In the event termination of this Agreement or Consultant's services is for breach of this Agreement by Consultant, or for other fault of Consultant including but not limited to any failure to timely proceed with work, or to pay its employees and Consultants, or to perform work according to the highest professional standards, or to perform work in a manner deemed satisfactory by Client's Project Representative, then in that event, Consultant's entire right to compensation shall be limited to the lesser of (a) the reasonable value of completed work to Client or (b) payment at the rates specified in Schedule 2 for services satisfactorily performed and reimbursable expenses reasonably incurred, prior to date of termination.

6.4 Consultant's professional responsibility for its completed work and services shall survive any termination.

SECTION 7. GENERAL PROVISIONS

7.1 Ownership of Documents. All designs, Drawings, Specifications, technical data, and other documents or instruments procured or produced by the Consultant in the performance of this Agreement shall be the sole property of the Owner and the Owner is vested with all rights therein of whatever kind and however created, whether created by common law, statutory law, or by equity. The Consultant agrees that the Owner shall have access at all reasonable times to inspect and make copies of all notes, designs, drawings, specifications, and all other technical data pertaining to the work to be performed **under** this Agreement. In the event Owner uses the designs, Drawings or Specifications provided hereunder for another project independent from Project, without adaptation by Consultant, Owner shall hold harmless and indemnify Consultant from all loss, claims, injury, and judgments arising from the use of such designs, Drawings or Specifications for such other project.

7.2 Advertising. Unless specifically approved in advance in writing by Owner, Consultant shall not include representations of the Project in any advertising or promotional materials, except for accurate statements contained in resumes or curriculum vitae of Consultant's employees. If Consultant wishes to include representations in advertising or promotional materials, it shall submit a draft of same and printer's proof of the proposed advertising or promotional materials to the Owner for prior review and shall not publish or distribute same unless written approval of the materials is first obtained.

7.3 Insurance and Indemnity.

(a) Consultant agrees that he has procured and will maintain during the term of this Agreement, such insurance as will protect him from claims under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any of his employees or of any person other than his employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom; and such insurance will provide for coverage in such amounts as set forth in subparagraph (b).

(b) Insurance coverage shall meet all requirements of the Grant Agreement as provided in Subsection 2.7 of this Agreement. Consultant shall obtain and keep in force the following insurance policies and meet and perform the following conditions and requirements:

(i) Workers' Compensation Insurance as required by statutory requirements in Colorado and in any other state or states where the work is performed, and employers' liability insurance covering all employees acting within the course and scope of their employment.

(ii) Commercial General Liability Insurance written on an Insurance Services Office occurrence form, covering premises operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, personal injury, and advertising liability with minimum limits as follows:

- a. \$1,000,000 each occurrence;
- b. \$1,000,000 general aggregate;
- c. \$1,000,000 products and completed operations aggregate; and
- d. \$50,000 any 1 fire

(iii) Automobile Liability. Automobile liability insurance covering any auto (including owned, hired, and non-owned autos) with a minimum limit of \$1,000,000 each accident combined single limit.

(iv) Protected Information. Liability insurance covering all loss of State Confidential Information as defined in the Grant Agreement, such as PII, PHI, PCI, Tax Information, and CJI, and claims based on alleged violations of privacy rights through improper use or disclosure of protected information with minimum limits as follows:

- a. \$1,000,000 each occurrence; and
- b. \$2,000,000 general aggregate

(v) Professional Liability Insurance. Professional Liability insurance covering any damages caused by an error, omission or any negligent act with minimum limits as follows:

- a. \$1,000,000 each occurrence; and
- b. \$1,000,000 general aggregate

(vi) Crime Insurance. Crime insurance including employee dishonesty coverage with minimum limits as follows:

- a. \$1,000,000 each occurrence; and
- b. \$1,000,000 general aggregate

(vii) Insurance Conditions and Requirements

- a. All insurance policies shall be issued by insurance companies with an AM Best rating of A-VIII or better.
- b. The Owner and State shall be named as an additional insured on all commercial general liability policies required of Consultant. In the event of cancellation of any commercial general liability policy, the carrier shall provide at least 10 days prior written notice to Owner and State.
- c. Coverage provided by Consultant shall be primary over any insurance or self- insurance program carried by Owner or State.
- d. All commercial insurance policies shall include provisions preventing cancellation or non-renewal, except for cancellation based on non-payment of premiums, without at least 30 days prior notice to Owner.
- e. All commercial insurance policies shall include clauses stating that each carrier shall waive all rights of recovery under subrogation or otherwise against Owner and State, its agencies, institutions, organizations, officers, agents, employees, and volunteers.
- f. Consultant shall provide certificates evidencing Consultant's insurance coverage required under this Agreement as a condition of approval of this Agreement by Owner.

(c) Consultant agrees to hold harmless, defend and indemnify Owner from and against any liability to third parties, arising out of negligent acts, errors or omissions of Consultant, his employees, subcontractors, and consultants.

7.4 Notices. Any and all notices or other communications required or permitted by this Agreement or by law to be served on or given to either the Owner or the Consultant by the other party shall be in writing and shall be deemed duly served and given when personally delivered to the party to whom it is directed, or in lieu of such personal service when deposited in the United States mail, first-class postage prepaid, addressed to the Owner, Attention: Director of Public Works, Department of Public Works, 211 E. "D" Street, Pueblo, Colorado, 81003, or to the Consultant at Short-Elliott-Hendrickson, Incorporated, Attn: Charles R. Gustafson, Principal-In-Charge, Pueblo, CO, 81003-3138. Either party may change his address for the purpose of this paragraph by giving written notice of such change to the other party in the manner provided in this paragraph.

7.5 Entire Agreement. This instrument contains the entire agreement between the Owner and the Consultant respecting the Project, and any other written or oral agreement or representation respecting the Project or the duties of either the Owner or the Consultant in relation thereto not expressly set forth in this instrument is null and void. In the event of any conflict between any provision of this Agreement and a provision of any Schedule or attachment to this Agreement, the provision in this Agreement shall control and supersede the conflicting provision in the Schedule or attachment. Any inconsistent resolution provision in any attachment to this Agreement shall be void.

7.6 Successors and Assigns. This Agreement shall be binding on the parties hereto and on their partners, heirs, executors, administrators, successors, and assigns; provided, however, that neither this Agreement, nor any part thereof, nor any moneys due or to become due hereunder to the Consultant may be assigned by him without the written consent of the Owner. It is expressly understood and agreed that enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the parties hereto, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person or entity on such Agreement. It is the express intention of the parties hereto that any person or entity, other than the parties to this Agreement, receiving services or benefits under this Agreement shall be deemed to be incidental beneficiaries only.

7.7 Amendments. No amendment to this Agreement shall be made nor be enforceable unless made by written Amendment signed by an authorized representative of Consultant and by Owner's Director of Public Works.

7.8 Choice of Law. This Agreement shall be governed and interpreted in accordance with the laws of the State of Colorado.

7.9 Equal Employment Opportunity. In connection with the performance of this Agreement, Consultant shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, disability, or age. Consultant shall endeavor to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, disability, or age.

7.10 Severability. If any provision of this Agreement, except for Section 2.6, is determined to be directly contrary to and prohibited by law or the requirements of any federal grant or other Project funding source, then such provision shall be deemed void and the remainder of the Agreement enforced. However, it is the intent of the parties that Section 2.6 of this Agreement not be severable, and that if any provision of said section be determined to be contrary to law or the terms of any federal grant, then this entire Agreement shall be void.

7.11 Appropriations. Subject to execution of this Agreement by the Director of Finance certifying that a balance of appropriation exists and funds are available, the amount of money appropriated for this Agreement is equal to or in excess of the maximum compensation payable hereunder; provided, however, that if construction is phased and subject to annual appropriation, funds only in the amount of initial appropriation are available and Consultant shall confirm availability of funds before proceeding with work exceeding initial and subsequent annual appropriations.

7.12 Additional Requirements on Federally Funded Contracts. If any of the work to be performed by Consultant under this Agreement is funded in whole or in part with federal funds, then this Agreement shall be construed to include all applicable terms required by the federal assistance agreement and integrated federal regulations. By executing this Agreement, Consultant agrees to be bound by all such mandatory federal requirements, irrespective of Consultant's actual knowledge or lack of knowledge of such requirements prior to execution of this Agreement.

7.13 Access to Property Not Under Owner's Control. Consultant acknowledges that the Project may require access to property not under the control of Owner at the time of execution of this Agreement. Consultants shall, at Consultant's expense, obtain all additional necessary approvals and clearances required for access to such property. Owner shall assist Consultant in obtaining access to such property at reasonable times but make no warranty or representation whatsoever regarding access to such property. Consultant understands and agrees that entry to properties not under Owner's control may require Consultant to comply with the terms of separate access agreements to be negotiated hereafter with owners of such property.

SECTION 8. DISPUTES

8.1 Any dispute or disagreement between Consultant and Owner arising from or relating to this Agreement or Consultant's services or right to payment hereunder shall be determined and decided by the Owner's Director of Public Works whose written decision shall be final and binding unless judicial review is sought in a Colorado Court of competent jurisdiction located in Pueblo County, Colorado, pursuant to Rule 106, C.R.C.P.

8.2 Pending resolution of any dispute or disagreement, or judicial review, Consultant shall proceed diligently with performance of his work under this Agreement.

SECTION 9. SCHEDULES

The following Schedules are attached to and made a part of this Agreement:

- Schedule 1 - "Scope of Services" consisting of 2 pages.
- Schedule 2- "Fee Schedule" consisting of 4 pages.
- Schedule 3 - "Identification of Personnel, Subcontractors, and Task Responsibility."
- Schedule 4 – "State of Colorado Intergovernmental Agreement dated April 6, 2021."

SECTION 10. ACCESSIBILITY.

The Americans with Disabilities Act (ADA) provides that it is a violation of the ADA to design and construct a facility for first occupancy later than January 26, 1993, that does not meet the accessibility and usability requirements of the ADA except where an entity can demonstrate that it is structurally impractical to meet such requirements. The Consultant therefore, will use his or her best reasonable professional efforts to implement applicable ADA requirements and other federal, state, and local laws, rules codes, ordinances, and regulations as they apply to the Project.

SECTION 11. STATE-IMPOSED MANDATES PROHIBITING WORKERS WITHOUT AUTHORIZATION FROM PERFORMING WORK

(a) At or prior to the time for execution of this Contract, Consultant shall submit to the Purchasing Agent of the City its certification that it does not knowingly employ or contract with a "worker without authorization", as that term is defined within §8-17.5-101 (9), C.R.S. (herein "Worker without Authorization"), who will perform work under this Contract and that the Consultant will participate in either the "E-Verify Program" created in Public Law 208, 104th Congress, as amended and expanded in Public law 156, 108th Congress, as amended, that is administered by the United States Department of Homeland Security or the "Department Program" established pursuant to section 8-17.5-102(5)(c), C.R.S. that is administered by the Colorado Department of Labor and Employment in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

(b) Consultant shall not:

- (i) Knowingly employ or contract with a Worker without Authorization to perform work under this Agreement;

- (ii) Enter into a contract with a subcontractor that fails to certify to Consultant that the subcontractor shall not knowingly employ or contract with a Worker without Authorization to perform work under this Agreement.
- (c) The following state-imposed requirements apply to this Agreement:
 - (i) The Consultant shall have confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement through participation in either the E-Verify Program or Department Program.
 - (ii) The Contractor is prohibited from using either the E-Verify Program or Department Program procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.
 - (iii) If the Consultant obtains actual knowledge that a subcontractor performing work under this contract knowingly employs or contracts with a Worker without Authorization to perform work under this Agreement, the Consultant shall be required to:
 - A. Notify the subcontractor and the Purchasing Agent of the City within three (3) days that the Consultant has actual knowledge that the subcontractor is employing or contracting with a Worker without Authorization; and
 - B. Terminate the subcontract with the subcontractor if within three (3) days of receiving the notice required pursuant to subparagraph (c)(iii)A. above, the subcontractor does not stop employing or contracting with the Worker without Authorization ; except that the Consultant shall not terminate the contract with the subcontractor if, during such three (3) days, the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with a Worker without Authorization.
 - (iv) The Consultant is required to comply with any reasonable request by the Colorado Department of Labor and Employment (hereinafter referred to as "CDLE") made in the course of an investigation that CDLE is undertaking pursuant to its authority under §8-17.5-102(5), C.R.S.
- (d) Violation of this Section by the Consultant shall constitute a breach of the agreement and grounds for termination. In the event of such termination, the Consultant shall be liable for City's actual and consequential damages.
- (e) Nothing in this Section shall be construed as requiring the Consultant to violate any terms of participation in the E-Verify Program.

SECTION 12. PERA LIABILITY

The Consultant shall reimburse the City for the full amount of any employer contribution required to be paid by the City of Pueblo to the Public Employees' Retirement Association ("PERA") for salary or other compensation paid to a PERA retiree performing contracted services for the City under this Agreement. The Consultant shall fill out the Colorado PERA Questionnaire and submit the completed form to City as part of the signed Agreement.

(Signature section on following page)

IN WITNESS WHEREOF the parties hereto have made and executed this Agreement as of the day and year first above written.

CITY OF PUEBLO,
A MUNICIPAL CORPORATION

SHORT-ELLIOTT-HENDRICKSON,
INCORPORATED

By _____
Naomi Hedden, Director of Purchasing

By _____
Charles R. Gustafson, Principal-In-Charge

Attest _____
City Clerk

[S E A L]

BALANCE OF APPROPRIATION EXISTS FOR THIS CONTRACT AND FUNDS ARE AVAILABLE.

Director of Finance

APPROVED AS TO FORM:

City Attorney

Attachments: Schedule 1 - "Scope of Services."
 Schedule 2- "Fee Schedule."
 Schedule 3 - "Identification of Personnel, Subcontractors, and Task Responsibility."
 Schedule 4 – "State of Colorado Intergovernmental Agreement."

Schedule 1
Scope of Services

Excerpt from Section 3 of RFQ dated December 15, 2021

3.1 Scope of Service

All drawings, designs, plans, etc. shall follow CDOT format. Designs shall comply with the most current versions of the *Public Right-of-Way Accessibility Guidelines* (PROWAG), CDOT Specifications, Manual on Uniform Traffic Control Devices (MUTCD) and City of Pueblo *Standard Construction Specifications and Standard Details*.

3.1.1 Preliminary Design Phase

- Perform fieldwork (surveying, geotechnical testing, etc.) as required to provide the complete design.
- Prepare preliminary design plans (considered as 30% complete relative to final design) that adequately represent the design intent as represented in the preliminary design from the CDOT grant and in compliance with PROWAG, MUTCD, CDOT and City Specifications.
- Provide Subsurface Utility Engineering (SUE)
- Consultant shall provide the research necessary to determine the right-of-way and provide detailed identification for land acquisitions, temporary and permanent easements and provide legal descriptions and exhibits for acquisitions.
- Provide right-of-way plans showing temporary and permanent easements where required.
- Provide coordination with all applicable agencies as required (City Departments, adjacent property owners, utility companies, CDOT, etc.).
- Allow a minimum two (2) full weeks for City and CDOT staff review.
- Coordinate a Field Inspection Review (FIR) meeting with the City and CDOT staff to review the design plan comments
- Incorporate review and FIR comments into documents after the FIR Meeting.
- Prepare for and host public information meetings; one (1) minimum.
- Prepare a detailed project cost estimate.

3.1.2 Final Design Phase

- Perform final engineering and site design for presentation. Consultant shall include plans and profile, sections, storm water plans, and related work (including all incidentals).
- Provide all necessary documents to obtain clearances that are required by CDOT.
- Allow a minimum two (2) full weeks for City and CDOT staff review.
- Coordinate a 90% Final Office Review (FOR) meeting with the City and CDOT staff to review the design plan comments
- Incorporate review and FOR comments into documents after the FOR Meeting.
- Update the project cost estimate.

3.1.3 Preparation of Contract Documents and Bidding Phase

- Provide stamped Contract Documents (drawings, specifications, bid tabulation, etc.) for bidding the project in accordance with the requirements of the Director of Public Works and the City's procurement process.
- Provide electronic files of drawings to the City in AutoCAD format.
- Provide design drawings and specifications in both Microsoft Word and Adobe PDF formatting.
- Provide final cost estimate and bid tabulation in Microsoft Excel format.

3.1.4 Construction Services Phase

Provide all services necessary to provide post-award construction services (PACS) to include but not limited to the following:

- Assist with resolution of critical construction issues as needed in an "on call" capacity (estimate 20 hours)
- Attend pre-bid, pre-construction, and other critical meetings as related to the project (estimate 5 hours).
- Attend specific construction issue meetings on an on-call basis (estimate 20 hours)

Request for Proposal - Fee Schedule 21-075 - Design and Engineering for Dillon and Eagleridge Roundabout		Preliminary Design								Final Design Phase					Preparation of Contract Documents and Bidding Phase		Construction Services	
Labor Category	Labor Rate	Project Kick-off Conference Meeting with City. Includes Agenda and Meeting Minutes.	Task Order Oversight, Reporting, Project Management, Client Communication, Scheduling, Internal Team Management, Coordination, and Team Meetings	Perform fieldwork (surveying, geotechnical investigations, etc.) as required to provide right-of-way plans, property acquisitions, and conceptual overall design.	Prepare legal descriptions and Right-of-Way Plans for all necessary temporary and/or permanent easements, and real property acquisitions.	Prepare preliminary design plans (considered as 30% complete relative to final design) for City's review and comment. The preliminary design plans shall adequately represent the design intent as represented in the preliminary design from the CDOT grant and compliance with applicable standards and specifications.	Coordinate with City and CDOT for review of all drawings and specifications. Attend FIR Meeting with CDOT and City Staff. Incorporate review comments into FOR submittal.	Prepare a detailed project cost estimate.	Stakeholder and Public Input Meetings (Assume (1) 2 hour meeting)	Task Order Oversight, Reporting, Project Management, Client Communication, Scheduling, Internal Team Management, Coordination, and Team Meetings	Perform final engineering and site design (FOR Package) for presentation including plan and profile, sections, stormwater plans and related work details (including all incidentals).	Updated project cost estimate	Coordinate with City and CDOT for review of all drawings and specifications. Incorporate review comments and revisions into all documents. Attend FOR Meeting with CDOT and City Staff. Incorporate FOR review comments into Final PS&E.	Coordinate with CDOT for review of the documents and all necessary clearances required by CDOT.	Prepare Contract Documents (drawings, specifications, bidding documents, and any contract document addenda) for bidding the project in accordance with the requirements of the Director of Public Works and the City's procurement process.	Compile Contract Documents into electronic media for delivery to City of Pueblo	Attend specific construction issue meetings on an on-call basis (estimate 20 hours)	Total Hours
Project Manager/Civil Lead - (Jimmie Hayson)	\$170.00	2	14	2	2	4	2	1	8	14	4	1	2	4	2	6	29	97
Quality Control/Assurance Manager (Drew Chandler)	\$203.00					4							8		2			14
Sr Professional Engineer II (Scott Hotckin)	\$162.00	2	1			36					18		4	4			8	73
Sr. Professional Engineer II (Tim Nuetzel)	\$165.00	2	4	2	2	26	2	2		4	40	2	43		8	2		139
Graduate Engineer (Craig Hayson)	\$108.00		2		5	82		8		2	146	8	86		19		8	366
Sr. Landscape Architect (Molly Wagner)	\$135.00					12		2	2		24	2	6	2	6	1		57
Sr. Professional Engineer (David Hoesly)	\$162.00		2			23				2	23		15		8			73
Professional Engineer (Justin Jones)	\$132.00		2			108		2		2	124	2	48		15	6		309
Staff Planner (Andy Arnold)	\$125.00								20									20
Sr. Professional Engineer II (John Carlson)	\$220.00																	1
Sr. Electrical Engineer (Ken Taillon)	\$195.00					7					7							14
Electrical Designer (Andrew Felber)	\$140.00		1			1					2							4
Electrical Designer (Jon Kruse)	\$145.00	1				16	1	5			28	5	1		3			60
Senior PLS - (Scott Klinker)	\$147.00	2		10	52									3				67
Field Surveyor - (Jason Lord)	\$120.00			36														36
Field Surveyor - (Ben Hardenberg)	\$102.00			108	32													140
S.U.E. Technician - (Bob Ewing)	\$98.00			64														64
S.U.E. Manager - (Josh Anfinson)	\$205.00			8		8	2				4		2					24
Sr. Accounting Representative - (Suzie O'Connor)	\$118.00		4							6								10
Total Hours		9	30	230	93	327	7	20	30	30	421	20	215	13	63	15	45	1568
Total Labor Cost		\$1,433	\$4,618	\$25,388	\$12,118	\$45,537	\$1,225	\$2,623	\$4,130	\$4,552	\$56,043	\$2,623	\$29,126	\$2,039	\$8,639	\$2,277	\$7,090	\$209,461.00
Other Direct Costs / Equipment / Materials / Supplies / Re-production / Mailings / Shipping / Services																		
Geotechnical - Vivid Engineering Group				\$10,316														\$10,316.00
GPS/Robotics				\$1,620	\$180													\$1,800.00
Vehicle Charge (\$4.50/hr)				\$630.00	\$54													\$684.00
S.U.E. Equipment (ULLE)				\$550														\$550.00
Title Commitment (4)					\$2,400													\$2,400.00
Subtotal		\$0.00	\$0.00	\$13,116.00	\$2,634.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,750.00
Travel Expenses / Vehicle Mileage / Lodging / M&IE / Per Diem																		
Number of People Traveling:				4	1													
Meals and Lodging																		
Lodging = \$125/ Night.				\$2,125.00														\$2,125.00
Meals = \$55 Per Diem				\$990.00														\$990.00
Vehicle Mileage - Travel to/from																		
Round Trip Mileage - Federal GSA Rate = \$0.56/mile (2021 Rate).				\$783.00	\$134.00													\$917.00
Airefare- Travel to/from + Baggage Fees																		
Round Trip																		\$0.00
Rental Car																		
Rental Car = \$65/day																		\$0.00
Rental Car Fuel																		\$0.00
Subtotal -- Travel Expenses / Vehicle Mileage / Lodging / M&IE / Per Diem		\$0	\$0	\$3,898	\$134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,032.00
Total Cost		\$1,433.00	\$4,618.00	\$42,402.00	\$14,886.00	\$45,537.00	\$1,225.00	\$2,623.00	\$4,130.00	\$4,552.00	\$56,043.00	\$2,623.00	\$29,126.00	\$2,039.00	\$8,639.00	\$2,277.00	\$7,090.00	\$229,243.00

January 14, 2022

Purchasing Department
230 South Mechanic Street
Pueblo CO, 81003



Building a Better World
for All of Us®

**Design and Engineering for Dillon and Eagleridge Roundabout -
Proposed Fee Schedule**

POST AWARD CONSTRUCTION SERVICES

SEH proposes the following personnel for the Post Award Construction Services for the Dillon and Eagleridge Roundabout:

Jimmie Hayson, PE	Project Manager	\$175.00/hr.
Scott Hotchkin, PE	Sr. Professional Engineer	\$167.00/hr
Craig Hayson	Graduate Engineer	\$110.00/hr.

Additional resources are available and will be in accordance with the approved rate schedule included within Part 2 of this RFQ.

SEH HOURLY BILLABLE RATES – 2022

CLASSIFICATION - OFFICE STAFF	BILLABLE RATE ⁽¹⁾
Principal	\$170.00 - \$270.00
Project Manager	\$140.00 - \$240.00
Senior Project Specialist	\$135.00 - \$220.00
Project Specialist	\$100.00 - \$175.00
Senior Professional Engineer I	\$115.00 - \$180.00
Senior Professional Engineer II	\$140.00 - \$225.00
Professional Engineer	\$105.00 - \$165.00
Graduate Engineer	\$85.00 - \$135.00
Senior Architect	\$125.00 - \$210.00
Architect	\$110.00 - \$150.00
Graduate Architect	\$85.00 - \$110.00
Senior Landscape Architect	\$115.00 - \$170.00
Landscape Architect	\$95.00 - \$125.00
Graduate Landscape Architect	\$85.00 - \$100.00
Senior Scientist	\$130.00 - \$170.00
Scientist	\$90.00 - \$135.00
Graduate Scientist	\$80.00 - \$105.00
Senior Planner	\$130.00 - \$210.00
Planner	\$100.00 - \$150.00
Graduate Planner	\$90.00 - \$120.00
Senior GIS Analyst	\$110.00 - \$175.00
GIS Analyst	\$100.00 - \$120.00
Project Design Leader	\$120.00 - \$185.00
Lead Technician	\$105.00 - \$170.00
Senior Technician	\$90.00 - \$135.00
Technician	\$65.00 - \$115.00
Graphic Designer	\$90.00 - \$145.00
Administrative Professional	\$55.00 - \$130.00

CLASSIFICATION - FIELD STAFF	BILLABLE RATE ⁽¹⁾
Professional Land Surveyor	\$110.00 - \$160.00
Lead Resident Project Representative	\$95.00 - \$155.00
Senior Project Representative	\$90.00 - \$135.00
Project Representative	\$75.00 - \$125.00
Survey Crew Chief	\$85.00 - \$135.00
Survey Instrument Operator	\$60.00 - \$95.00
SUE Manager	\$180.00 - \$210.00
SUE Technician	\$95.00 - \$120.00

(1) The actual rate charged is dependent upon the hourly rate of the employee assigned to the project. The rates shown are subject to change.

Effective: January 1, 2022

Expires: December 31, 2022

21-075 SEH Agreement for Dillon and Eagleridge Roundabout

SEH SCHEDULE OF EXPENSES – 2021

VEHICLE MILEAGE RATES

2022 IRS Rate \$0.585/mile

VEHICLE ALLOWANCE COSTS

Resident Project Representative \$16.00/day

Survey and Field Vehicle \$4.50/hour + \$0.585/mile

SURVEY EQUIPMENT

Robotic Total Station \$30.00/hour

Global Positioning System (GPS) \$30.00/hour

Underground Utility Locating Equipment (UULE) \$25.00/hour

COMPUTER EQUIPMENT

Computer Charges per Direct Hour of Labor \$3.00/hour

OTHER EQUIPMENT EXPENSES

SEH uses many different types of equipment, such as traffic counters; flow meters; air, water, and soil sampling kits; inspection cameras; density meters; and many others. Our equipment is frequently upgraded to utilize current technology. You will be charged for equipment usage per your agreement with SEH.

Rates are subject to change.

IDENTIFIABLE REPRODUCTION AND REPROGRAPHIC COSTS ^{(1) (2)}

Item	8½x11	11x17	Large Format	Per Item
Black/White Copy ⁽³⁾	0.07	0.24	0.95 + 0.05/sq. ft.	
Color Copy ⁽³⁾	0.46	1.02	0.95 + 2.55/sq. ft.	
Mylar			5.00	
CD Copy				3.00
Lamination	2.00	3.50	3.50/sq. ft.	
Laminated Foamcore				
- up to 30"x42"			40.00	
- larger than 40"x60"			75.00	
3-Ring Binder	<i>size</i>	<i>size</i>	<i>size</i>	<i>size</i>
	1"	2"	3"	4"
	<i>cost</i>	<i>cost</i>	<i>cost</i>	<i>cost</i>
	3.20	4.80	5.60	7.24
Machine Folding				0.02
Binding				
- wire				3.60
- comb				3.20
Covers				
- custom				0.15
- blank				0.03
Tabs (white)				0.20
Mailing/Processing				UPS or USPS rates

⁽¹⁾ prices include operator time

⁽²⁾ prices denote single-sided printing

⁽³⁾ standard stock, white paper used for pricing

Prices are subject to change.

Excerpt from Engineers Proposal dated January 14, 2022



Statement of Qualifications and Experience

SEH opened our active Pueblo office in 2004, and our emphasis on serving this community back then has only grown. The City will benefit from the strong guidance that SEH's local civil engineering team can provide regarding this roundabout project. We'll help take your project from concept to reality. SEH's strength is our ability to analyze field conditions and develop accurate, site specific plans to meet our client's goals and stay focused on the end product, not the path.

PRIME CONSULTANT

SHORT ELLIOTT HENDRICKSON INC. (SEH®)

SEH is an employee-owned engineering, architectural, environmental and planning company that helps government, industrial and commercial clients find answers to complex challenges. This year, we are celebrating 94 years in business.

Our 800-plus professional staff share a core purpose: Building a Better World for All of Us®. This approach reflects a companywide commitment to improving the quality of life by focusing on these market areas: mobility, better places, clean water and infrastructure renewal.

Headquartered in St. Paul, Minnesota, and with 32 offices in 10 states, you'll find evidence of our work throughout Colorado and the United States. **SEH employs approximately 95 professionals in Colorado, and for the past 21 years we have served Colorado** by providing our expertise in design, rehabilitation, maintenance and construction to local communities similar to the City of Pueblo.

On this project, we have employees in our Pueblo office who understand the local challenges faced by City of Pueblo staff when it comes to expanding and upgrading its transportation infrastructure. SEH takes a total team approach that includes building strong, productive partnerships with our clients and agency stakeholders, such as CDOT. We will help the City, as an extension of your staff, to create a successful project, while making the most out of every dollar available.

CONTACT INFORMATION

503 N. Main Street, Ste. 225
Pueblo, CO 81003
719.423.7400 (main)
888.908.8166 (fax)

Project Manager/ Local Contact

Jimmie Hayson, PE
719.468.8373
jhayson@sehinc.com

SHORT ELLIOTT HENDRICKSON INC.

Founded in
1927

EMPLOYING

 **800+**

engineers, architects,
planners, scientists and
talented professionals

WHO WORK TOGETHER TO SERVE

4 market areas: mobility,
better places, clean water
and renewing infrastructure



AN IMPRESSIVE **80%**

 of our clients are
repeat customers

SUBCONSULTANTS



VIVID ENGINEERING GROUP, INC. (VIVID)

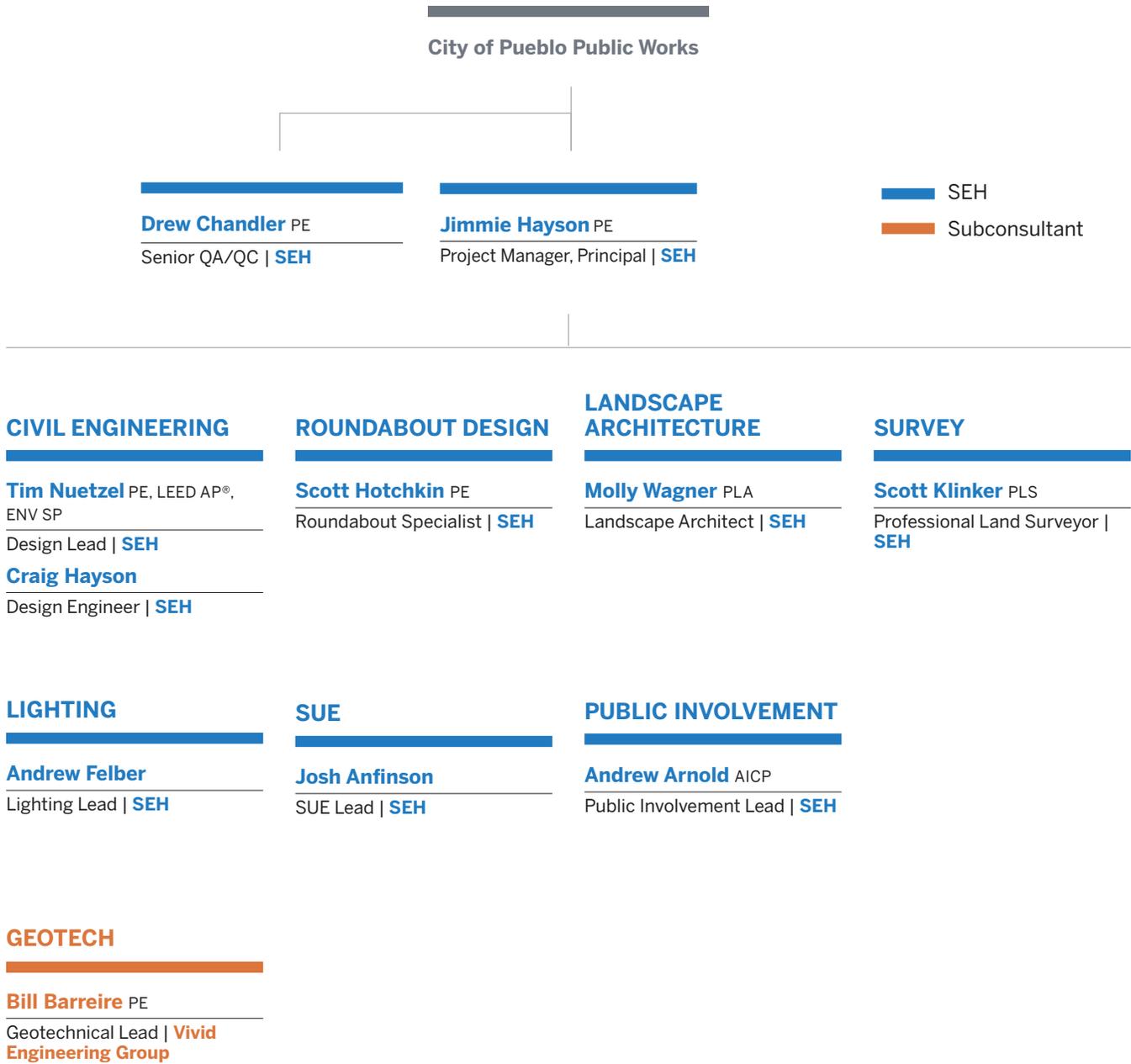
VIVID provides geotechnical, environmental, and construction support services focused on transportation, water, energy, utility, government, and commercial market sectors, for which our principals have over 120 years of collective experience. We are currently comprised of four principal owners and 40 additional staff.

VIVID has two office/lab locations: 1053 Elkton Drive, Colorado Springs, CO 80907; and 3885 Forest Drive, Denver, Colorado 80207. Our lab facilities are AASHTO, AMRL/CCRL certified and full-service geotechnical and construction materials testing laboratories for soil, aggregate, concrete, and asphalt testing.

VIVID's professional engineers and support staff that are slated for this project have decades of practical experience including a significant amount of open-channel and drainage-related experience for numerous entities including the City of Colorado Springs, Colorado Springs Utilities, El Paso County, Fountain Watershed, and numerous other city and county agencies within Colorado. The geotechnical services for this project will be led by William (Bill) J. Barreire, PE. As presented in his resume, Bill provides an unparalleled collection of experience that is directly relevant to this project.

KEY INDIVIDUALS

This section describes the professional qualifications, availability and experience of the team members selected for the City of Pueblo’s Design and Engineering for Dillon and Eagleridge Roundabout Project. Led by Jimmie Hayson out of our downtown Pueblo office, our team is composed of engineers, planners, landscape architects and construction services professionals who are available and committed over the lifetime of this project. The individuals shown below are key personnel for the project.



The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.

JIMMIE HAYSON PE

PROJECT MANAGER, PRINCIPAL | SEH

Jimmie is a civil engineer with extensive experience providing project management, design, planning, construction administration and inspection for various civil and municipal engineering projects. His project experience includes street and utility reconstruction, storm drainage improvements, wastewater improvements, master plans, site development for residential and commercial sites, residential and commercial foundation systems, storm drainage improvements and individual sewage disposal systems for residential and commercial sites.

EXPERIENCE

Spaulding Avenue Roundabout (Pueblo West Metropolitan District) - Pueblo West, CO

Project manager for project. Pueblo West Metro District was the recipient of three High Risk Rural Road Safety grants administered through the Colorado Department of Transportation, of which the Spaulding Roundabout ranked as priority. SEH prepared the design of this three-legged roundabout near Pueblo West High School to address safety concerns resulting from lengthy queued vehicles during peak hours and impeding emergency vehicle access. SEH performed modeling, preliminary layout, final design and construction phasing services.

Trinidad Five Points Roundabout Feasibility Study (City of Trinidad) – Trinidad, CO

Project Manager for the conceptual roundabout layouts for the design of the 'Five Points' intersection just off I-25 Exit 14 in Trinidad, Colorado. The projected objective was to perform design services for a new roundabout that would guide drivers safely into Trinidad for this confusing five-point intersection. SEH investigated three roundabout options and one intersection re-configuration option. The City of Trinidad preferred option was to re-configure the intersection to traditional four-legged intersection.

Peakview Avenue/Peoria Street Roundabout (City of Centennial) – Centennial, CO

Quality assurance manager for this project involved the design of a multilane roundabout at the intersection of Peakview Avenue and Peoria Street. Work included surveying and mapping, traffic analysis, conceptual and final layout, grading, LED lighting, right-of-way and easement legal descriptions, coordination with adjacent property owners and Arapahoe County Water and Wastewater Authority and drainage. Drainage design addressed water quality requirements for the Cherry Creek Basin Authority. The project construction budget was about \$1.1 million.

I-25/Dillon Drive Interchange Improvements (City of Pueblo) – Pueblo, CO

Engineer. SEH led a consultant team tasked with securing approvals of the engineering studies and conceptual engineering design and continuing design through bid documents and engineering services during construction for the I-25/Dillon Drive Interchange Improvements project. The project included a two-span bridge, 170 ft. long precast concrete bridge, 33,400 sq. ft. of block face mechanically stabilized earth walls, two roundabouts and seven miscellaneous structures associated with project drainage and utilities. The drainage structures included a sediment forebay stilling basin, outlet structure, rigid boundary baffle chute, pipe/culvert connection box and a forebay slab.



Jimmie will be the Project

Manager and lead point of contact

to the City. His local presence and

availability will benefit the City as

extension of your staff.

25

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering Technology
University of Southern
Colorado-Pueblo

Associate of Science
Otero Junior College - La Junta, CO



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, AZ, ID,
NM, NV, SD, TX, UT, WI, WY



AVAILABILITY

50%

SCOTT HOTCHKIN PE

ROUNABOUT SPECIALIST | SEH



Scott is SEH's roundabout and complex intersection design expert and has spent all his 22 years' experience refining his expertise. Scott's roundabout experience includes the analysis and design of more than 200 roundabouts in Wisconsin, Minnesota, Colorado, Iowa and Indiana. Scott is proficient in the roundabout analysis software's RODEL, HCS and SIDRA. Along with the analysis software, Scott also regularly utilizes Autoturn Pro to verify the design and check vehicles can navigate the roundabouts both horizontally and vertically.

EXPERIENCE

Spaulding Avenue Roundabout (Pueblo West Metropolitan District) - Pueblo West, CO

Lead roundabout design engineer for project. Pueblo West Metro District was the recipient of three High Risk Rural Road Safety grants administered through the Colorado Department of Transportation, of which the Spaulding Roundabout ranked as priority. SEH prepared the design of this three-legged roundabout near Pueblo West High School to address safety concerns resulting from lengthy queued vehicles during peak hours and impeding emergency vehicle access. SEH performed modeling, preliminary layout, final design and construction phasing services.

Wolfensberger Roundabout Design – Town of Castle Rock, CO

Lead roundabout design engineer on the design to replace an existing four-way stop controlled intersection with a roundabout. The project scope included analyzing existing intersection operations; determining ideal lane configurations and adequate size for the new roundabout; evaluating roundabout location and related site impacts; and developing design plans, construction phasing and work zone traffic control plans.

North Vista Highlands Roundabout Review – City of Pueblo, CO

Lead roundabout design engineer responsible for the review of two roundabouts on Home of Heroes Parkway at Cedarweed Blvd. and Walking Stick Blvd. Project included initial review and recommendations that required a full geometric redo followed by a more detailed check of vehicle movements and design parameters. The finished product was a much better design with proper speed control which will provide safer accommodations for all users.

Peakview Avenue/Peoria Street Roundabout – City of Centennial, CO

Lead roundabout design engineer responsible for RODEL analysis, conceptual layout and final design of the multilane roundabout. Deliverables included surveying and mapping, traffic analysis, conceptual and final layout, grading, LED lighting, ROW and easement legal descriptions, coordination with adjacent property owners and Arapahoe County Water and Wastewater Authority, and drainage design.

I-25/Dillon Drive Interchange Improvements (City of Pueblo) – Pueblo, CO

Lead roundabout design engineer this SEH led a consultant team tasked with securing approvals of the engineering studies and conceptual engineering design and continuing design through bid documents and engineering services during construction for the I-25/Dillon Drive Interchange Improvements project. The project included a two-span bridge, 170 ft. long precast concrete bridge, 33,400 sq. ft. of block face mechanically stabilized earth walls and seven miscellaneous structures associated with project drainage and utilities.

22

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering
University of Minnesota-Minneapolis

Bachelor of Science
Math and Physics
Augustana College - Sioux Falls, SD



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, MN, WI, SD, IN, IA, IL, NE, TX, VA



AVAILABILITY

65%

DREW CHANDLER PE

SENIOR QA/QC | SEH

Drew is a highly experienced project manager and construction manager responsible for leading projects ranging in all sizes and complexities. As a field engineer he is responsible for performing and overseeing construction administration from pay request review to field inspections; his work includes long-term on-site construction oversight for national park projects in the Rocky Mountain and Pacific Northwest areas of the US. Drew's civil engineering experience spans drainage, roadway, utility, structural and foundations work.



24

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Civil Engineering
University of Minnesota-Twin Cities



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, MT, NM, UT



AVAILABILITY

15%

EXPERIENCE

Aztec North Main Extension (City of Aztec) – Aztec, NM

Civil engineer responsible for design and construction administration for the City of Aztec's North Main Extension project including a roundabout at the north terminus of the extension project. The scope of work included the design of the roundabout, utility extensions, floodplain determination and LOMR application, easement acquisition, survey and landscape Public engagement played a large role in building consensus for the corridor to accommodate pedestrians, bicycles and automobiles.

Fort Lewis College Entry Feature (Fort Lewis College) – Durango, CO

Civil engineer and landscape architect responsible for concept design and bid package for construction of an 8000 sq ft. roundabout at the primary entrance for the College. The scope of work included the design of sight distance calculations and geometry, signage plan, stone veneer wall, College entry sign, rock art installation, and a landscape and grading design. This also included a design of inlets, manhole locations for water and irrigation. Construction observation services were also provided to the college for the project.

Rio Hondo Drainage Improvement Project (Twining Development, LLC) – Taos Ski Valley, NM

Drew is the project manager for this ongoing project that began in 2015 within the core village area of Taos Ski Valley, NM. Located at nearly 9,000 ft. above sea level, this mountain resort community is in the process of upgrading their roads, utilities, stormwater treatment and detention, as well as upgrading multiple river crossings and creating a trail network to serve the community. With both the North and Lake Forks of the Rio Hondo river converging within the core village, the project includes multiple pre-cast arch and box culvert river crossings, as well as dedicated pedestrian pathways and bridges. As part of the design, the team analyzed the Rio Hondo river basin to determine the 100 year flood event flows in order to effectively size the structures and provide proper scour protection, all while working with biologists to maintain effective fish passage through these structures.

32 Kachina Basin (Twining Development, LLC)

Project manager responsible for overall site design including restaurant arrival court, roadway design, grading and drainage, stormwater conveyance and treatment, all at elevations above 10,000 ft asl.

TIM NUETZEL PE, LEED AP®, ENV SP

DESIGN LEAD | SEH



Tim is a senior professional engineer with extensive experience in roadway, water and wastewater system design, storm drainage and site designs. He takes pride in detailed and thorough design that minimizes field questions or adjustments. Tim’s experience also includes utility coordination, trail design, hydraulic design and site improvements.

EXPERIENCE

Peakview Avenue/Peoria Street Roundabout Design – City of Centennial, CO
Senior project engineer responsible for design of roadway profiles, grading and drainage of the City’s first multilane roundabout at the intersection of Peakview Avenue and Peoria Street. Work included surveying and mapping, traffic analysis, conceptual and final layout, grading, LED lighting, ROW and easement legal descriptions.

Spaulding Avenue Roundabout (Pueblo West Metropolitan District) – Pueblo West, CO
Senior project engineer for project. Pueblo West Metro District was the recipient of three High Risk Rural Road Safety grants administered through the Colorado Department of Transportation, of which the Spaulding Roundabout ranked as priority. SEH prepared the design of this three-legged roundabout near Pueblo West High School to address safety concerns resulting from lengthy queued vehicles during peak hours and impeding emergency vehicle access. SEH performed modeling, preliminary layout, final design and construction phasing services.

HRRR Safety Projects (Pueblo West Metropolitan District) – Pueblo West, CO
Senior project engineer. The projects consisted of safety improvements such as lane widening, turn lanes, signing and striping at two locations. Project responsibilities included horizontal and vertical layouts and modeling, utility relocation design and preparation of specifications and cost estimates.

Founders Parkway (SH 86), Fifth Street and Ridge Road Intersection Improvements –Town of Castle Rock, CO
Senior engineer responsible for quality control of project design documents. The project includes roundabout design, drainage design, plan preparation, cost estimating and coordination with Town and CDOT staff.

Barnes Road Widening (City of Colorado Springs) – Colorado Springs, CO
Project engineer. SEH provided the preliminary and final design for the widening of Barnes Road as part of our on-call contract. The project improves a 1/2 mile section of Barnes Road by providing a four-lane median separated roadway, bicycle lanes and a new traffic signal.

Baseline/29th, Colorado/Regent and Broadway/Rayleigh Intersection Improvement Design (City of Boulder) – Boulder, CO
Project engineer. SEH updated three separate intersections to address different types of issues at each intersection. Improvements include improved bicycle and pedestrian facilities and right turn/deceleration lane. The project required significant coordination with City representatives and local community organizations who were highly invested in promoting bicycle and pedestrian safety.

22

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering
Purdue University - West Lafayette, IN



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO

ENVISION Sustainability
Professional (ENV SP), Institute for Sustainable Infrastructure

LEED AP, U.S. Green Building Council



AVAILABILITY

50%

CRAIG HAYSON

DESIGN ENGINEER | SEH



Craig is a graduate engineer with experience in civil engineering and construction administration and inspection. His experience includes civil site design, utility design and site grading. Craig is proficient in AutoCad Civil 3D.

EXPERIENCE

Spaulding Avenue Roundabout (Pueblo West Metropolitan District) - Pueblo West, CO

Graduate engineer for project. Pueblo West Metro District was the recipient of three High Risk Rural Road Safety grants administered through the Colorado Department of Transportation, of which the Spaulding Roundabout ranked as priority. SEH prepared the design of this three-legged roundabout near Pueblo West High School to address safety concerns resulting from lengthy queued vehicles during peak hours and impeding emergency vehicle access. SEH performed modeling, preliminary layout, final design and construction phasing services.

HRRR Safety Projects (Pueblo West Metropolitan District) – Pueblo West, CO

Graduate engineer for two HRRR Grant projects administered through CDOT. The projects consisted of safety improvements such as lane widening, turn lanes, signing and striping.. Project responsibilities included horizontal and vertical layouts and modeling, utility relocation design and preparation of specifications and cost estimates.

North Mesa Safe Routes to School (SRTS) Construction Administration (Pueblo County Facilities) – Pueblo, CO

Resident project representative responsible for construction administration of this 3,000+ LF trail project administered through the CDOT SRTS Program. Craig's responsibilities included construction observation and oversight of construction administration to ensure that final documentation was reasonable and justifiable. This CDOT Local Agency Safe Routes to School trail project included a 6 ft. wide, 3,000 lf long concrete sidewalk that connected 30th Lane and 29th Lane along Gale Road and Windrow Road to North Mesa Elementary School. The project required coordination with existing Gale Road improvements by Pueblo County Public Works, and the acquisition of additional right-of-way.

TAP Trail 3 (Pueblo West Metropolitan District) – Pueblo West, CO

Design engineer for this Local Agency Transportation Alternatives Program (TAP) project funded through the CDOT. The trail alignment is being constructed in the existing SDS (Southern Colorado Delivery) corridor connecting Industrial Boulevard to Purcell Boulevard and a from the SDS/Industrial Boulevard intersection to the west connecting to the CDOT Region 2 Purcell Interchange project. The 2.6-mile trail is a 8 ft. wide asphalt section with a 4-ft. gravel shoulder soft trail that meanders along the alignment, crossing public streets.

Northern Ave Trail Ph 3 (City of Pueblo) – Pueblo, CO

Graduate engineer. The project consists of design of a trail and streetscape along Northern Avenue between Cambridge Avenue and Prairie Avenue, and along the west side of Prairie Avenue to Mesa Avenue. Additionally, signalization design was involved to upgrade the easterly signals on Prairie Avenue. The project is funded through the Colorado Department of Transportation -Transportation Alternatives Program, which required design to be in compliance with FHWA guidelines.

3

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering Technology
Colorado State University-
Pueblo, CO

Associate of Arts
Pueblo Community College -
Pueblo, CO

Associate of Science
Pueblo Community College -
Pueblo, CO



AVAILABILITY

50%

MOLLY WAGNER PLA

LANDSCAPE ARCHITECTURE | SEH

Molly is a landscape architect and project designer with experience in educational, medical, cultural, residential, municipal, international and master planning projects. She provides effective communication with clients and contractors from concept to construction, leveraging the use of graphics such as rendered plans, sections, elevations, plant and material boards as well as construction documents to convey design intent. Her time spent working in the Pacific Northwest instilled in her a passion for stormwater and creating sustainable landscapes. Molly is proficient in AutoCAD and the Adobe Creative Suite.



14

YEARS OF
EXPERIENCE

EXPERIENCE

Kings Highway Roundabout and Gateway (A&Z Engineering) – Winona Lake, IN
Landscape architect responsible for initial design concepts and QA/QC of construction documents. The project features new gateway signage and extensive native and ornamental planting areas designed to mark the transition between Winona Lake and the neighboring City of Warsaw. Deliverables included artistic renderings, construction drawings and specifications.

S. Main Street-Gaarder Road Roundabout (Village of Holmen) – Holmen, WI
Landscape architect for this project, which involves design and construction of a new, single-lane roundabout to resolve deteriorated pavement and capacity issues. SEH deliverables include geometric design, corridor design, pavement marking, signing, landscaping and traffic control design. The project will be built under staged construction.

Crystal Valley Fire Station (Castle Rock Fire Department) – Castle Rock, CO
Landscape architect responsible for quality assurance review of all construction documents. The 13,000 sq. ft. station includes three drive-thru vehicle bays, living quarters for eight firefighters, a full kitchen, pantries, exercise, gear, restroom, work area, day room and storage. SEH has provided architectural design, site planning, civil engineering and structural engineering as well as all municipal approvals and community outreach efforts. In addition, SEH completed facility assessments that included site capability, turnout time, station functionality, code requirements and accessibility. Although LEED Certification has not been pursued, LEED Principles have been incorporated into the design.

Pueblo County Old Judicial Building (Pueblo County Department of Public Works) – Pueblo, CO

Landscape architect for the assessment of the existing 73,000 sq. ft. facility—previously used as a judicial court building—included structural, mechanical and electrical review as well as architectural and accessibility review for the existing building’s systems. Programming, cost estimating and design is currently underway to renovate the facility to meet the current and future needs. This includes the addition of communal staff breakout areas, updated open-office spaces and community conference space. A space need analysis was also performed for current and future growth of the Pueblo County Department of Social Services.



EDUCATION

Master of Landscape Architecture
University of Minnesota-Twin Cities

Bachelor of Arts
Biology
Gustavus Adolphus College -
St. Peter, MN



REGISTRATIONS/CERTIFICATIONS

Landscape Architect in CO, IN, OR, WI



AVAILABILITY

20%

SCOTT KLINKER PLS

PROFESSIONAL LAND SURVEYOR | SEH

Scott is a professional land surveyor with extensive experience providing services to municipalities, government agencies, developers, contractors and private clients. Scott's proficiency includes topographic, boundary, easement, horizontal/vertical control, design, building staking, bridge layout, airport layout and construction surveys. Scott is also experienced in construction quality control and has experience reviewing civil design drawings. Scott's various project experience involves CDOT/CDOT standards projects that include right-of-way plan sets and legal descriptions for right-of-way and easement acquisitions. Scott is also proficient in AutoCAD and MicroStation CAD programs. His attention to detail and years of experience guarantee a quality product is delivered to the client.



31
YEARS OF
EXPERIENCE

EXPERIENCE

HRRR Safety Projects (Pueblo West Metropolitan District) – Pueblo West, CO
Lead surveyor. The projects consisted of safety improvements such as lane widening, turn lanes and design of roundabouts at three locations. Project responsibilities included horizontal and vertical layouts and modeling, utility relocation design and preparation of specifications and cost estimates.

Wolfensberger Roundabout Design – Town of Castle Rock, CO
Land surveyor on the project to replace the existing four-way stop controlled intersection with a roundabout. The scope included analyzing the existing intersection operations; determining ideal lane configurations and adequate size for new roundabout; evaluating roundabout location and related site impacts; and developing design plans, construction phasing and work zone traffic control plans.

Crystal Valley Fire Station (Castle Rock Fire Department) – Castle Rock, CO
Land surveyor on the project to design a new 13,000 sq. ft. station including three drive-thru vehicle bays, living quarters for eight firefighters and multiple additional amenities. SEH provided architectural design, site planning, civil and structural engineering, as well as all municipal approvals and community outreach efforts.

Peakview Avenue/Peoria Street Roundabout – City of Centennial, CO
Land surveyor on the project involving design of a multilane roundabout. The project scope included surveying and mapping, traffic analysis, conceptual and final layout, grading, LED lighting, ROW and easement legal descriptions.

Founders Parkway (SH 86), Fifth Street and Ridge Road Intersection Improvements – Town of Castle Rock, CO
Land surveyor on the project involving roundabout design, drainage design, plan preparation, cost estimating and coordination with the Town and CDOT.

Trinidad Five Points Roundabout Feasibility Study (City of Trinidad) – Trinidad, CO
Land surveyor for the design of the 'Five Points' intersection just off I-25 Exit 14 in Trinidad, Colorado. The projected objective was to perform design services for a new roundabout that would guide drivers safely into Trinidad for this confusing five-point intersection. SEH investigated three roundabout options and one intersection re-configuration option. The City of Trinidad preferred option was to re-configure the intersection to traditional four-legged intersection.



EDUCATION

Associate in Applied Science
Civil Engineering
St. Cloud Technical College - St. Cloud, MN



REGISTRATIONS/CERTIFICATIONS

Professional Land Surveyor in CO



AVAILABILITY

15%

ANDREW FELBER

LIGHTING LEAD | SEH



Andrew is a design technician with extensive electrical engineering experience. He's has been involved with facility electrical and roadway lighting design, as well as construction inspection for government agency projects. Andrew has designed lighting, communication and power distribution in new and remodeled buildings. He has worked on power distribution designs that include standby generation, feeders and low voltage services.

EXPERIENCE

Spaulding Avenue Roundabout (Pueblo West Metropolitan District) - Pueblo West, CO

Lead electrical designer. Pueblo West Metro District was the recipient of three High Risk Rural Road Safety grants administered through the Colorado Department of Transportation, of which the Spaulding Roundabout ranked as priority. SEH prepared the design of this three-legged roundabout near Pueblo West High School to address safety concerns resulting from lengthy queued vehicles during peak hours and impeding emergency vehicle access. SEH performed modeling, preliminary layout, final design and construction phasing services.

Wolfensberger Roundabout Design (Town of Castle Rock Public Works Department) – Castle Rock, CO

Lead electrical designer. SEH provided a roundabout design to replace the existing four-way stop controlled intersection. The scope included analyzing the existing intersection operations; determining ideal lane configurations and adequate size for new roundabout; evaluating roundabout location and related site impacts; and developing design plans, construction phasing and work zone traffic control plans.

Peakview Avenue/Peoria Street Roundabout (City of Centennial) – Centennial, CO

Lead electrical designer. This project involved the design of a multilane roundabout at the intersection of Peakview Avenue and Peoria Street. Work included surveying and mapping, traffic analysis, conceptual and final layout, grading, LED lighting, right-of-way and easement legal descriptions, coordination with adjacent property owners and Arapahoe County Water and Wastewater Authority and drainage. Drainage design addressed water quality requirements for the Cherry Creek Basin Authority. The project construction budget was about \$1.1 million.

I-694/Rice Street Interchange (Ramsey County) – Shoreview, MN

Electrical designer. SEH was responsible for all construction observation and construction surveying for this all important Ramsey County project. The construction will convert the existing diamond interchange into an offset, single point interchange. Four existing signal systems will be replaced with three roundabouts at the single point ramp connections. The use of roundabouts will improve efficiency and safety as well as reduce maintenance costs. The project will improve economic development in the area and will also dramatically improve pedestrian facilities by adding sidewalks along both sides of Rice St. and extending the Trout Brook Regional Trail through the corridor.

12

YEARS OF EXPERIENCE



EDUCATION

Associate of Applied Science
Electrical Construction Design and Management
Dunwoody College of Technology -
Minneapolis, MN



REGISTRATIONS/CERTIFICATIONS

Design and Inspection Certification,
Minnesota Department
of Transportation



AVAILABILITY

25%

JOSH ANFINSON

SUE LEAD | SEH



Josh is the Director of Subsurface Utility Engineering with 19 years of experience specifically focused on utility design, coordination and relocation. He has directed and managed SUE and utility coordination projects for 16 years which enables him to understand and mitigate various conflicts on complex projects. He has managed complex projects involving large groups of technical employees and consultants, as well as multiple project phases from schematics and PSE stages through construction. He is knowledgeable and compliant with applicable rules, regulations, plans and specifications.

EXPERIENCE

St. Vrain Sanitary Sewer Extension (Mountain Homes) – Colorado City, CO
Subsurface utility engineering manager. Josh led the efforts for the SUE investigation for this 1,300 lineal foot corridor for design of a sanitary sewer extension along St. Vrain Avenue in Colorado City. Duties included the coordination with utility providers for mapping, oversight of utility locates and review of Quality Level reporting.

South Prairie Avenue Improvements (City of Pueblo) – Pueblo, CO
Subsurface utility engineering manager. Josh led the efforts for the SUE investigation for three signalization areas along the South Prairie Avenue corridor. Duties included the coordination with utility providers for mapping, oversight of utility locates and review of Quality Level reporting.

EXPERIENCE PRIOR TO JOINING SEH

SH 136, Amarillo to Fritch (36-71DP5135) (HW Lochner, Inc.) – Amarillo, TX
Josh was responsible for Level B designating of all utilities in designated areas where road construction and culvert extensions were taking place, including all electric, fiber, telephone, gas and traffic lights in conflict.

St. Mary's Street, Mistletoe to Josephine (Gonzales de la Garza & Associates) – San Antonio, TX
Josh was responsible for utility coordination and SUE Level A and Level B. Josh and team also designed the replacement of approximately 2,900 LF of CPS Energy gas main along North St. Mary's Street to include side streets between the project limits. Design of the gas main varied between 4-in. to 8-in. HDPE and the abandonment of the existing steel gas main. The design met CPS Energy engineering and drafting standards.

WA1 - IH45S (AIA #5016) (Texas Department of Transportation) – Galveston, TX
Josh was the project manager responsible for compliance of contract documents and handling of any field issues. The project was for the expansion of interstate 45. Survey working was done in conjunction with the subsurface utility engineering and design and included mapping of water, wastewater, gas, oil pipelines, traffic signals, high mass lighting, fiber, duct banks, cable television, state fiber and illumination and storm sewer.

WA3 - CED 367IDP5017 (Texas Department of Transportation) – Divot, TX
Josh was the SUE manager responsible for survey work in conjunction with the subsurface utility engineering and design for the expansion of Interstate 10 in the East San Antonio area.

19

YEARS OF
EXPERIENCE



EDUCATION

40 PDU/4 CEU
Trenchless Technology
Louisiana Tech University



REGISTRATIONS/CERTIFICATIONS

Confined Space Entry Training
OSHA 10-Hour Training
OSHA 30-Hour Training



AVAILABILITY

10%

ANDY ARNOLD AICP

PUBLIC INVOLVEMENT LEAD | SEH



Andy is a regional planner trained to work with both the public and private sectors to ensure that development is politically, financially and equitably feasible. His work spans the community development spectrum, from strategically targeting federal and state grants for communities, to providing cost allocation models for public infrastructure, to reviewing developer pro-formas for tax increment financing. Prior to joining SEH, he finished a master's degree at Cornell University, focusing his studies on sustainable development in water scarce regions of the U.S. His thesis explored public-private partnerships between developers and local municipalities; modelling financial tools they can use to extend public infrastructure and encourage development with significant community benefits. He has applied this knowledge to economic development projects throughout the Four Corners region, most recently helping the City of Durango form its first Urban Renewal Authority. Since joining SEH, Andrew has been responsible for a variety of project tasks including land entitlement support, stakeholder engagement, land-use planning and transportation data analysis.

3

YEARS OF EXPERIENCE



EDUCATION

Master of Urban and Regional Planning
Cornell University-Ithaca, NY

Bachelor of Arts
Social Anthropology
Cornell University-Ithaca, NY



REGISTRATIONS/CERTIFICATIONS

Certified Planner, American Institute of Certified Planners (AICP)



AVAILABILITY

15%

EXPERIENCE

Farmington Metropolitan Planning Organization Bicycle and Pedestrian Plan Update (City of Farmington) – Farmington, NM

Andy organized a public outreach campaign that culminated in a updated Bicycle and Pedestrian Plan for the Farmington Metropolitan Planning Organization. Andy organized stakeholder meetings, conducted public outreach at community events and collected and analyzed transportation data to create maps of potential multi-modal connections across four municipalities. The campaign received over 1,000 comments regarding multimodal transportation in the community. This information was utilized to draft and adopt an updated Bicycle and Pedestrian Plan for the MPO, with a focus on improving safety, health and recreation opportunities in the area. Through the extensive public engagement process, the SEH Team identified opportunities, developed solutions to problems, prioritized projects and created planning level estimates to address all deficiencies.

La Posta Road Sewer Plan (La Plata County Economic Development Alliance) – La Plata County, CO

Andy helped evaluating financial strategies to fund public infrastructure extensions throughout the La Posta Road area, with a specific focus on the applicability of Tax Increment Financing and supplemental grants. This work involved multiple design charrettes with key stakeholders, property owners, and public entities. Andy combined this public outreach into financial models that provided key assessments for extending sewer infrastructure throughout the La Posta Area.

Boxelder Dam Assessments (Larimer County) – Larimer County, CO

Andy helped negotiate an agreement between Larimer County, Fort Collins, Wellington and Timnath to finance an emergency flood warning system for the Boxelder dam network. The negotiation involved creating a cost allocation model and required multiple rounds of public input. Andy led discussions with key representatives from the County, municipalities, and irrigation districts on how best to assign cost based on flooding impacts. The project entailed detailed GIS analysis that was used to quantify dam impacts on each municipality.

BILL BARREIRE PE

GEOTECHNICAL LEAD | VIVID ENGINEERING GROUP



Bill is a registered Professional Engineer in Colorado with 28 years of local geotechnical experience including a significant amount of transportation and municipal infrastructure and facilities related experience for numerous entities including Colorado Department of Transportation (including CDOT Local Agency projects) City of Pueblo, County of Pueblo, and Pueblo West. His expertise includes providing geotechnical design recommendations and construction testing and inspection services for bridge foundations, minor structures, utilities, roadway embankment construction, slope and earth retention systems, pavements, utilities, and facilities for design-bid-build and alternative delivery such as design-build, P3, and CM/GC. Bill has delivered similar geotechnical services on over 50 projects in Pueblo between 2008 and 2021.

28
YEARS OF
EXPERIENCE

EXPERIENCE

CDOT R2, Hwy 50 & Purcell Interchange – Pueblo, CO

Bill was geotechnical engineer of record for this project that includes replacing the existing at grade intersection with a grade-separated intersection by constructing a bridge for Hwy 50 over Purcell Boulevard. Subsurface investigation, lab testing, and engineering were focused on the new embankment bridge approaches, retaining walls, bridge foundations, and minor structures. Project challenges included significant long-term settlement of existing saturated clay soils due to new embankment loads. Solutions included use of aggregate piers below MSE walls, and wick drains beneath embankment areas to address amount and duration of anticipated settlement. This also included preparing a settlement monitoring plan to be implemented during construction to ensure settlement was largely complete before constructing pavements or other movement sensitive project features.

Blackwell and Inman Drive Pavement Design – Pueblo West, CO

Bill was geotechnical/pavement design engineer for this project. The project included an approximate 140-foot-long portion of Blackwell Drive (just northeast of E. Platteville Road) was planned to be constructed with a new flexible composite (i.e., asphalt pavement over aggregate base course) pavement section. In addition, an approximately 290-foot-long portion of Blackwell Drive that will be adjacent the newly paved section, and a 70-foot-long portion of Inman Drive just northwest of Blackwell Drive was to receive a gravel surface comprised of CDOT Class 6 Aggregate Base Course (ABC) materials.

Northern Avenue Trail Phase 3 Traffic Signal Pole Replacements – Pueblo, CO

Bill was the geotechnical engineer for this traffic signal pole replacement project in Pueblo. The project included providing geotechnical design and construction recommendations for two new traffic signal pole drilled caisson foundations located near Prairie Avenue and Northern Avenue, as part of the larger Northern Avenue Trail project in Pueblo.

West 11th Street Bridge Replacement – Pueblo, CO

Bill was the geotechnical engineer on this project. The project included performing geotechnical engineering services that evaluated existing subsurface conditions and provided geotechnical design recommendations for subgrade preparation, pavement thickness design, bridge foundation design, and retaining wall design.



EDUCATION

Master of Science
Geotechnical Engineering
University of Colorado

Bachelor of Science
Civil Engineering
Colorado State University



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, TX, MT,
WY, NM, AZ



AVAILABILITY

20%

Schedule 4

State of Colorado Intergovernmental Agreement dated April 6, 2021

DocuSign Envelope ID: 40D827F6-A9FE-4AF0-89BB-130B22EA1C98

OLA #: 331002304
Routing #: 21-HA2-XC-03180

STATE OF COLORADO INTERGOVERNMENTAL AGREEMENT

Signature and Cover Page

State Agency Department of Transportation			Agreement Routing Number 21-HA2-XC-03180
Local Agency CITY OF PUEBLO			Agreement Effective Date The later of the effective date or December 01, 2020
Agreement Description PUEBLO DILLON EAGLERIDGE ROUNABOUT			Agreement Expiration Date November 30, 2030
Project # SHO M086- 084 (23584)	Region # 2	Contract Writer VJM	Agreement Maximum Amount \$2,000,000.00

THE PARTIES HERETO HAVE EXECUTED THIS AGREEMENT

Each person signing this Agreement represents and warrants that he or she is duly authorized to execute this Agreement and to bind the Party authorizing his or her signature.

<p align="center">LOCAL AGENCY CITY OF PUEBLO</p> <p align="center"><i>Nicholas Gradishar</i></p> <hr/> <p align="center">Signature By: Nicholas Gradishar, Mayor</p> <p>Date: <u>4/5/2021</u></p>	<p align="center">STATE OF COLORADO Jared S. Polis, Governor Department of Transportation Shoshana M. Lew, Executive Director</p> <p align="center"><i>Steve Harelson</i></p> <hr/> <p align="center">Stephen Harelson, P.E., Chief Engineer</p> <p>Date: <u>4/6/2021</u></p>
<p>2nd State or Local Agency Signature if Needed</p> <p align="center"><i>Belinda Kimball, Acting City Clerk</i></p> <hr/> <p align="center">Signature By: Brenda Armijo, City Clerk</p> <p>Date: <u>4/5/2021</u></p>	<p align="center">LEGAL REVIEW Philip J. Weiser, Attorney General</p> <p align="center">N/A</p> <hr/> <p align="center">Assistant Attorney General</p> <hr/> <p align="center">By: (Print Name and Title)</p> <p>Date: _____</p>
<p>In accordance with §24-30-202 C.R.S., this Agreement is not valid until signed and dated below by the State Controller or an authorized delegate.</p> <p align="center">STATE CONTROLLER Robert Jaros, CPA, MBA, JD</p> <p align="center">By: <i>Jon Copelmann</i></p> <hr/> <p align="center">Department of Transportation</p> <p align="center">Effective Date: <u>4/6/2021</u></p>	

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1. PARTIES

This Agreement is entered into by and between Local Agency named on the Signature and Cover Page for this Agreement (“Local Agency”), and the STATE OF COLORADO acting by and through the State agency named on the Signature and Cover Page for this Agreement (the “State” or “CDOT”). Local Agency and the State agree to the terms and conditions in this Agreement.

2. TERM AND EFFECTIVE DATE

A. Effective Date

This Agreement shall not be valid or enforceable until the Effective Date, and Agreement Funds shall be expended within the dates shown in **Exhibit C** for each respective phase (“Phase Performance Period(s)”). The State shall not be bound by any provision of this Agreement before the Effective Date, and shall have no obligation to pay Local Agency for any Work performed or expense incurred before 1) the Effective Date of this original Agreement; 2) before the encumbering document for the respective phase *and* the official

Notice to Proceed for the respective phase; or 3) after the Final Phase Performance End Date, as shown in **Exhibit C**. Additionally, the State shall have no obligation to pay Local Agency for any Work performed or expense incurred after the Agreement Expiration Date or after required billing deadline specified in **§7.B.i.e.**, the expiration of Multimodal Transportation Options Funding (“MMOF”) if applicable, whichever is sooner. The State’s obligation to pay Agreement Funds exclusive of MMOF will continue until the Agreement Expiration Date. If Agreement Funds expire before the Agreement Expiration Date, then no payments will be made after expiration of Agreement Funds.

B. Initial Term

The Parties’ respective performances under this Agreement shall commence on the Agreement Effective Date shown on the Signature and Cover Page for this Agreement and shall terminate on November 30, 2030 as shown on the Signature and Cover Page for this Agreement, unless sooner terminated or further extended in accordance with the terms of this Agreement.

C. Early Termination in the Public Interest

The State is entering into this Agreement to serve the public interest of the State of Colorado as determined by its Governor, General Assembly, or Courts. If this Agreement ceases to further the public interest of the State, the State, in its discretion, may terminate this Agreement in whole or in part. This subsection shall not apply to a termination of this Agreement by the State for breach by Local Agency, which shall be governed by **§14.A.i**.

i. Method and Content

The State shall notify Local Agency of such termination in accordance with **§16**. The notice shall specify the effective date of the termination and whether it affects all or a portion of this Agreement.

ii. Obligations and Rights

Upon receipt of a termination notice for termination in the public interest, Local Agency shall be subject to **§14.A.i.a**

iii. Payments

If the State terminates this Agreement in the public interest, the State shall pay Local Agency an amount equal to the percentage of the total reimbursement payable under this Agreement that corresponds to the percentage of Work satisfactorily completed and accepted, as determined by the State, less payments previously made. Additionally, if this Agreement is less than 60% completed, as determined by the State, the State may reimburse Local Agency for a portion of actual out-of-pocket expenses, not otherwise reimbursed under this Agreement, incurred by Local Agency which are directly attributable to the uncompleted portion of Local Agency’s obligations, provided that the sum of any and all reimbursement shall not exceed the maximum amount payable to Local Agency hereunder.

3. AUTHORITY

Authority to enter into this Agreement exists in the law as follows:

A. Federal Authority

Pursuant to Title I, Subtitle A, of the “Fixing America’s Surface Transportation Act” (FAST Act) of 2015, and to applicable provisions of Title 23 of the United States Code and implementing regulations at Title 23 of the Code of Federal Regulations, as may be amended, (collectively referred to hereinafter as the “Federal Provisions”), certain federal funds have been and are expected to continue to be allocated for transportation projects requested by Local Agency and eligible under the Surface Transportation Improvement Program that has been proposed by the State and approved by the Federal Highway Administration (“FHWA”).

B. State Authority

Pursuant to CRS §43-1-223 and to applicable portions of the Federal Provisions, the State is responsible for the general administration and supervision of performance of projects in the Program, including the administration of federal funds for a Program project performed by a Local Agency under a contract with the State. This Agreement is executed under the authority of CRS §§29-1-203, 43-1-110; 43-1-116, 43-2-

101(4)(c) and 43-2-104.5.

4. PURPOSE

The purpose of this Agreement is to disburse Federal funds to the Local Agency pursuant to CDOT's Stewardship Agreement with the FHWA.

5. DEFINITIONS

The following terms shall be construed and interpreted as follows:

- A. **"Agreement"** means this agreement, including all attached Exhibits, all documents incorporated by reference, all referenced statutes, rules and cited authorities, and any future modifications thereto.
- B. **"Agreement Funds"** means the funds that have been appropriated, designated, encumbered, or otherwise made available for payment by the State under this Agreement.
- C. **"Award"** means an award by a Recipient to a Subrecipient funded in whole or in part by a Federal Award. The terms and conditions of the Federal Award flow down to the Award unless the terms and conditions of the Federal Award specifically indicate otherwise.
- D. **"Budget"** means the budget for the Work described in **Exhibit C**.
- E. **"Business Day"** means any day in which the State is open and conducting business, but shall not include Saturday, Sunday or any day on which the State observes one of the holidays listed in §24-11-101(1) C.R.S.
- F. **"Consultant"** means a professional engineer or designer hired by Local Agency to design the Work Product.
- G. **"Contractor"** means the general construction contractor hired by Local Agency to construct the Work.
- H. **"CORA"** means the Colorado Open Records Act, §§24-72-200.1 *et. seq.*, C.R.S.
- I. **"Effective Date"** means the date on which this Agreement is approved and signed by the Colorado State Controller or designee, as shown on the Signature and Cover Page for this Agreement.
- J. **"Evaluation"** means the process of examining Local Agency's Work and rating it based on criteria established in §6, **Exhibit A** and **Exhibit E**.
- K. **"Exhibits"** means the following exhibits attached to this Agreement:
 - i. **Exhibit A**, Statement of Work.
 - ii. **Exhibit B**, Sample Option Letter.
 - iii. **Exhibit C**, Funding Provisions
 - iv. **Exhibit D**, Local Agency Resolution
 - v. **Exhibit E**, Local Agency Contract Administration Checklist
 - vi. **Exhibit F**, Certification for Federal-Aid Contracts
 - vii. **Exhibit G**, Disadvantaged Business Enterprise
 - viii. **Exhibit H**, Local Agency Procedures for Consultant Services
 - ix. **Exhibit I**, Federal-Aid Contract Provisions for Construction Contracts
 - x. **Exhibit J**, Additional Federal Requirements
 - xi. **Exhibit K**, The Federal Funding Accountability and Transparency Act of 2006 (FFATA) Supplemental Federal Provisions
 - xii. **Exhibit L**, Sample Sub-Recipient Monitoring and Risk Assessment Form
 - xiii. **Exhibit M**, Supplemental Provisions for Federal Awards Subject to The Office of Management and Budget Uniform Administrative Requirements, Cost principles, and Audit Requirements for Federal Awards (the "Uniform Guidance")
- L. **"Federal Award"** means an award of Federal financial assistance or a cost-reimbursement contract under the Federal Acquisition Requirements by a Federal Awarding Agency to a Recipient. "Federal Award" also means an agreement setting forth the terms and conditions of the Federal Award. The term does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal program.
- M. **"Federal Awarding Agency"** means a Federal agency providing a Federal Award to a Recipient.

- N. **“FHWA”** means the Federal Highway Administration, which is one of the twelve administrations under the Office of the Secretary of Transportation at the U.S. Department of Transportation. FHWA provides stewardship over the construction, maintenance and preservation of the Nation’s highways and tunnels. FHWA is the Federal Awarding Agency for the Federal Award which is the subject of this Agreement.
- O. **“Goods”** means any movable material acquired, produced, or delivered by Local Agency as set forth in this Agreement and shall include any movable material acquired, produced, or delivered by Local Agency in connection with the Services.
- P. **“Incident”** means any accidental or deliberate event that results in or constitutes an imminent threat of the unauthorized access or disclosure of State Confidential Information or of the unauthorized modification, disruption, or destruction of any State Records.
- Q. **“Initial Term”** means the time period defined in **§2.B**
- R. **“Multimodal Transportation Options Funding”** or **“MMOF”** means money transferred from the general fund to the fund pursuant to C.R.S. §§24-75-219 (5)(a)(III) and (5)(b)(III) and any other money that the general assembly may appropriate or transfer to the fund.
- S. **“Notice to Proceed”** means the letter issued by the State to the Local Agency stating the date the Local Agency can begin work subject to the conditions of this Agreement.
- T. **“OMB”** means the Executive Office of the President, Office of Management and Budget.
- U. **“Oversight”** means the term as it is defined in the Stewardship Agreement between CDOT and the FHWA.
- V. **“Party”** means the State or Local Agency, and **“Parties”** means both the State and Local Agency.
- W. **“PII”** means personally identifiable information including, without limitation, any information maintained by the State about an individual that can be used to distinguish or trace an individual’s identity, such as name, social security number, date and place of birth, mother’s maiden name, or biometric records; and any other information that is linked or linkable to an individual, such as medical, educational, financial, and employment information. PII includes, but is not limited to, all information defined as personally identifiable information in §24-72-501 C.R.S.
- X. **“Recipient”** means the Colorado Department of Transportation (CDOT) for this Federal Award.
- Y. **“Services”** means the services to be performed by Local Agency as set forth in this Agreement, and shall include any services to be rendered by Local Agency in connection with the Goods.
- Z. **“State Confidential Information”** means any and all State Records not subject to disclosure under CORA. State Confidential Information shall include, but is not limited to, PII and State personnel records not subject to disclosure under CORA.
- AA. **“State Fiscal Rules”** means the fiscal rules promulgated by the Colorado State Controller pursuant to §24-30-202(13)(a).
- BB. **“State Fiscal Year”** means a 12 month period beginning on July 1 of each calendar year and ending on June 30 of the following calendar year. If a single calendar year follows the term, then it means the State Fiscal Year ending in that calendar year.
- CC. **“State Purchasing Director”** means the position described in the Colorado Procurement Code and its implementing regulations.
- DD. **“State Records”** means any and all State data, information, and records, regardless of physical form, including, but not limited to, information subject to disclosure under CORA.
- EE. **“Subcontractor”** means third-parties, if any, engaged by Local Agency to aid in performance of the Work.
- FF. **“Subrecipient”** means a non-Federal entity that receives a sub-award from a Recipient to carry out part of a Federal program, but does not include an individual that is a beneficiary of such program. A Subrecipient may also be a recipient of other Federal Awards directly from a Federal Awarding Agency.
- GG. **“Uniform Guidance”** means the Office of Management and Budget Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which supersedes requirements from OMB

Circulars A-21, A-87, A-110, A-122, A-89, A-102, and A-133, and the guidance in Circular A-50 on Single Audit Act follow-up.

HH. **“Work”** means the delivery of the Goods and performance of the Services in compliance with CDOT’s Local Agency Manual described in this Agreement.

II. **“Work Product”** means the tangible and intangible results of the Work, whether finished or unfinished, including drafts. Work Product includes, but is not limited to, documents, text, software (including source code), research, reports, proposals, specifications, plans, notes, studies, data, images, photographs, negatives, pictures, drawings, designs, models, surveys, maps, materials, ideas, concepts, know-how, and any other results of the Work. “Work Product” does not include any material that was developed prior to the Effective Date that is used, without modification, in the performance of the Work.

Any other term used in this Agreement that is defined in an Exhibit shall be construed and interpreted as defined in that Exhibit.

6. STATEMENT OF WORK

Local Agency shall complete the Work as described in this Agreement and in accordance with the provisions of **Exhibit A**, and the Local Agency Manual. The State shall have no liability to compensate Local Agency for the delivery of any Goods or the performance of any Services that are not specifically set forth in this Agreement.

Work may be divided into multiple phases that have separate periods of performance. The State may not compensate for Work that Local Agency performs outside of its designated phase performance period. The performance period of phases, including, but not limited to Design, Construction, Right of Way, Utilities, or Environment phases, are identified in **Exhibit C**. The State may unilaterally modify **Exhibit C** from time to time, at its sole discretion, to extend the period of performance for a phase of Work authorized under this Agreement. To exercise this phase performance period extension option, the State will provide written notice to Local Agency in a form substantially equivalent to **Exhibit B**. The State’s unilateral extension of phase performance periods will not amend or alter in any way the funding provisions or any other terms specified in this Agreement, notwithstanding the options listed under **§7.E**

A. Local Agency Commitments

i. Design

If the Work includes preliminary design, final design, design work sheets, or special provisions and estimates (collectively referred to as the “Plans”), Local Agency shall ensure that it and its Contractors comply with and are responsible for satisfying the following requirements:

- a. Perform or provide the Plans to the extent required by the nature of the Work.
- b. Prepare final design in accordance with the requirements of the latest edition of the American Association of State Highway Transportation Officials (AASHTO) manual or other standard, such as the Uniform Building Code, as approved by the State.
- c. Prepare provisions and estimates in accordance with the most current version of the State’s Roadway and Bridge Design Manuals and Standard Specifications for Road and Bridge Construction or Local Agency specifications if approved by the State.
- d. Include details of any required detours in the Plans in order to prevent any interference of the construction Work and to protect the traveling public.
- e. Stamp the Plans as produced by a Colorado registered professional engineer.
- f. Provide final assembly of Plans and all other necessary documents.
- g. Ensure the Plans are accurate and complete.
- h. Make no further changes in the Plans following the award of the construction contract to Contractor unless agreed to in writing by the Parties. The Plans shall be considered final when approved in writing by CDOT, and when final, they will be deemed incorporated herein.

ii. Local Agency Work

- a. Local Agency shall comply with the requirements of the Americans With Disabilities Act (ADA) 42 U.S.C. § 12101, et. seq., and applicable federal regulations and standards as contained in the document “ADA Accessibility Requirements in CDOT Transportation Projects”.
- b. Local Agency shall afford the State ample opportunity to review the Plans and shall make any changes in the Plans that are directed by the State to comply with FHWA requirements.
- c. Local Agency may enter into a contract with a Consultant to perform all or any portion of the Plans and/or construction administration. Provided, however, if federal-aid funds are involved in the cost of such Work to be done by such Consultant, such Consultant contract (and the performance provision of the Plans under the contract) must comply with all applicable requirements of 23 C.F.R. Part 172 and with any procedures implementing those requirements as provided by the State, including those in **Exhibit H**. If Local Agency enters into a contract with a Consultant for the Work:
 - 1) Local Agency shall submit a certification that procurement of any Consultant contract complies with the requirements of 23 C.F.R. 172.5(1) prior to entering into such Consultant contract, subject to the State’s approval. If not approved by the State, Local Agency shall not enter into such Consultant contract.
 - 2) Local Agency shall ensure that all changes in the Consultant contract have prior approval by the State and FHWA and that they are in writing. Immediately after the Consultant contract has been awarded, one copy of the executed Consultant contract and any amendments shall be submitted to the State.
 - 3) Local Agency shall require that all billings under the Consultant contract comply with the State’s standardized billing format. Examples of the billing formats are available from the CDOT Agreements Office.
 - 4) Local Agency (and any Consultant) shall comply with 23 C.F.R. 172.5(b) and (d) and use the CDOT procedures described in **Exhibit H** to administer the Consultant contract.
 - 5) Local Agency may expedite any CDOT approval of its procurement process and/or Consultant contract by submitting a letter to CDOT from Local Agency’s attorney/authorized representative certifying compliance with **Exhibit H** and 23 C.F.R. 172.5(b) and (d).
 - 6) Local Agency shall ensure that the Consultant contract complies with the requirements of 49 CFR 18.36(i) and contains the following language verbatim:
 - (a) The design work under this Agreement shall be compatible with the requirements of the contract between Local Agency and the State (which is incorporated herein by this reference) for the design/construction of the project. The State is an intended third-party beneficiary of this agreement for that purpose.
 - (b) Upon advertisement of the project work for construction, the consultant shall make available services as requested by the State to assist the State in the evaluation of construction and the resolution of construction problems that may arise during the construction of the project.
 - (c) The consultant shall review the construction Contractor’s shop drawings for conformance with the contract documents and compliance with the provisions of the State’s publication, Standard Specifications for Road and Bridge Construction, in connection with this work.
 - (d) The State, in its sole discretion, may review construction plans, special provisions and estimates and may require Local Agency to make such changes therein as the State determines necessary to comply with State and FHWA requirements.

iii. Construction

If the Work includes construction, Local Agency shall perform the construction in accordance with the approved design plans and/or administer the construction in accordance with **Exhibit E**. Such administration shall include Work inspection and testing; approving sources of materials; performing required plant and shop inspections; documentation of contract payments, testing and inspection activities; preparing and approving pay estimates; preparing, approving and securing the funding for

contract modification orders and minor contract revisions; processing construction Contractor claims; construction supervision; and meeting the quality control requirements of the FHWA/CDOT Stewardship Agreement, as described in **Exhibit E**.

- a. The State may, after providing written notice of the reason for the suspension to Local Agency, suspend the Work, wholly or in part, due to the failure of Local Agency or its Contractor to correct conditions which are unsafe for workers or for such periods as the State may deem necessary due to unsuitable weather, or for conditions considered unsuitable for the prosecution of the Work, or for any other condition or reason deemed by the State to be in the public interest.
- b. Local Agency shall be responsible for the following:
 - 1) Appointing a qualified professional engineer, licensed in the State of Colorado, as Local Agency Project Engineer (LAPE), to perform engineering administration. The LAPE shall administer the Work in accordance with this Agreement, the requirements of the construction contract and applicable State procedures, as defined in the CDOT Local Agency Manual (https://www.codot.gov/business/designsupport/bulletins_manuals/2006-local-agency-manual).
 - 2) For the construction Services, advertising the call for bids, following its approval by the State, and awarding the construction contract(s) to the lowest responsible bidder(s).
 - (a) All Local Agency's advertising and bid awards pursuant to this Agreement shall comply with applicable requirements of 23 U.S.C. §112 and 23 C.F.R. Parts 633 and 635 and C.R.S. § 24-92-101 et seq. Those requirements include, without limitation, that Local Agency and its Contractor(s) incorporate Form 1273 (Exhibit I) in its entirety, verbatim, into any subcontract(s) for Services as terms and conditions thereof, as required by 23 C.F.R. 633.102(e).
 - (b) Local Agency may accept or reject the proposal of the apparent low bidder for Work on which competitive bids have been received. Local Agency must accept or reject such bids within 3 working days after they are publicly opened.
 - (c) If Local Agency accepts bids and makes awards that exceed the amount of available Agreement Funds, Local Agency shall provide the additional funds necessary to complete the Work or not award such bids.
 - (d) The requirements of §6.A.iii.b.2 also apply to any advertising and bid awards made by the State.
 - (e) The State (and in some cases FHWA) must approve in advance all Force Account Construction, and Local Agency shall not initiate any such Services until the State issues a written Notice to Proceed.
- iv. Right of Way (ROW) and Acquisition/Relocation
 - a. If Local Agency purchases a ROW for a State highway, including areas of influence, Local Agency shall convey the ROW to CDOT promptly upon the completion of the project/construction.
 - b. Any acquisition/relocation activities shall comply with all applicable federal and State statutes and regulations, including but not limited to, the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, the Uniform Relocation Assistance and Real Property Acquisition Policies for Federal and Federally Assisted Programs, as amended (49 C.F.R. Part 24), CDOT's Right of Way Manual, and CDOT's Policy and Procedural Directives.
 - c. The Parties' respective responsibilities for ensuring compliance with acquisition, relocation and incidentals depend on the level of federal participation as detailed in CDOT's Right of Way Manual (located at <http://www.codot.gov/business/manuals/right-of-way>); however, the State always retains oversight responsibilities.
 - d. The Parties' respective responsibilities at each level of federal participation in CDOT's Right of Way Manual, and the State's reimbursement of Local Agency costs will be determined pursuant to the following categories:

- 1) Right of way acquisition (3111) for federal participation and non-participation;
- 2) Relocation activities, if applicable (3109);
- 3) Right of way incidentals, if applicable (expenses incidental to acquisition/relocation of right of way – 3114).

v. Utilities

If necessary, Local Agency shall be responsible for obtaining the proper clearance or approval from any utility company that may become involved in the Work. Prior to the Work being advertised for bids, Local Agency shall certify in writing to the State that all such clearances have been obtained.

vi. Railroads

If the Work involves modification of a railroad company's facilities and such modification will be accomplished by the railroad company, Local Agency shall make timely application to the Public Utilities Commission ("PUC") requesting its order providing for the installation of the proposed improvements. Local Agency shall not proceed with that part of the Work before obtaining the PUC's order. Local Agency shall also establish contact with the railroad company involved for the purpose of complying with applicable provisions of 23 C.F.R. 646, subpart B, concerning federal-aid projects involving railroad facilities, and:

- a. Execute an agreement with the railroad company setting out what work is to be accomplished and the location(s) thereof, and which costs shall be eligible for federal participation.
- b. Obtain the railroad's detailed estimate of the cost of the Work.
- c. Establish future maintenance responsibilities for the proposed installation.
- d. Proscribe in the agreement the future use or dispositions of the proposed improvements in the event of abandonment or elimination of a grade crossing.
- e. Establish future repair and/or replacement responsibilities, as between the railroad company and the Local Agency, in the event of accidental destruction or damage to the installation.

vii. Environmental Obligations

Local Agency shall perform all Work in accordance with the requirements of current federal and State environmental regulations, including the National Environmental Policy Act of 1969 (NEPA) as applicable.

viii. Maintenance Obligations

Local Agency shall maintain and operate the Work constructed under this Agreement at its own cost and expense during their useful life, in a manner satisfactory to the State and FHWA. Local Agency shall conduct such maintenance and operations in accordance with all applicable statutes, ordinances, and regulations pertaining to maintaining such improvements. The State and FHWA may make periodic inspections to verify that such improvements are being adequately maintained.

ix. Monitoring Obligations

Local Agency shall respond in a timely manner to and participate fully with the monitoring activities described in **§7.F.vi**.

B. State's Commitments

- i. The State will perform a final project inspection of the Work as a quality control/assurance activity. When all Work has been satisfactorily completed, the State will sign the FHWA Form 1212.
- ii. Notwithstanding any consents or approvals given by the State for the Plans, the State shall not be liable or responsible in any manner for the structural design, details or construction of any Work constituting major structures designed by, or that are the responsibility of, Local Agency, as identified in **Exhibit E**.

7. PAYMENTS

A. Maximum Amount

Payments to Local Agency are limited to the unpaid, obligated balance of the Agreement Funds set forth in **Exhibit C**. The State shall not pay Local Agency any amount under this Agreement that exceeds the Agreement Maximum set forth in **Exhibit C**.

B. Payment Procedures

i. Invoices and Payment

- a. The State shall pay Local Agency in the amounts and in accordance with conditions set forth in **Exhibit C**.
- b. Local Agency shall initiate payment requests by invoice to the State, in a form and manner approved by the State.
- c. The State shall pay each invoice within 45 days following the State's receipt of that invoice, so long as the amount invoiced correctly represents Work completed by Local Agency and previously accepted by the State during the term that the invoice covers. If the State determines that the amount of any invoice is not correct, then Local Agency shall make all changes necessary to correct that invoice.
- d. The acceptance of an invoice shall not constitute acceptance of any Work performed or deliverables provided under the Agreement.
- e. If a project is funded in part by the State with MMOF there is an expiration date for the funds. The expiration date applies to grants and local funds used to match grants. In order to receive payment from the State or credit for the match, Work must be completed prior to the expiration date of funding and invoiced in compliance with C.R.S. §§24-75-102(a) and 24-30-202(11). Billing for this work must be submitted 30 days prior to the end of the State Fiscal Year which is June 30th.

ii. Interest

Amounts not paid by the State within 45 days after the State's acceptance of the invoice shall bear interest on the unpaid balance beginning on the 46th day at the rate of 1% per month, as required by §24-30-202(24)(a), C.R.S., until paid in full; provided, however, that interest shall not accrue on unpaid amounts that the State disputes in writing. Local Agency shall invoice the State separately for accrued interest on delinquent amounts, and the invoice shall reference the delinquent payment, the number of days interest to be paid and the interest rate.

iii. Payment Disputes

If Local Agency disputes any calculation, determination, or amount of any payment, Local Agency shall notify the State in writing of its dispute within 30 days following the earlier to occur of Local Agency's receipt of the payment or notification of the determination or calculation of the payment by the State. The State will review the information presented by Local Agency and may make changes to its determination based on this review. The calculation, determination, or payment amount that results from the State's review shall not be subject to additional dispute under this subsection. No payment subject to a dispute under this subsection shall be due until after the State has concluded its review, and the State shall not pay any interest on any amount during the period it is subject to dispute under this subsection.

iv. Available Funds-Contingency-Termination

- a. The State is prohibited by law from making commitments beyond the term of the current State Fiscal Year. Payment to Local Agency beyond the current State Fiscal Year is contingent on the appropriation and continuing availability of Agreement Funds in any subsequent year (as provided in the Colorado Special Provisions). If federal funds or funds from any other non-State funds constitute all or some of the Agreement Funds, the State's obligation to pay Local Agency shall be contingent upon such non-State funding continuing to be made available for payment. Payments to be made pursuant to this Agreement shall be made only from Agreement Funds, and the State's liability for such payments shall be limited to the amount remaining of such Agreement Funds. If State, federal or other funds are not appropriated, or otherwise become unavailable to fund this Agreement, the State may, upon written notice, terminate this Agreement, in whole or in part, without incurring further liability. The State shall, however, remain obligated to pay for Services and Goods that are delivered and accepted prior to the effective date of notice of termination, and

this termination shall otherwise be treated as if this Agreement were terminated in the public interest as described in **§2.C**.

- b. If the agreement funds are terminated, the State can terminate the contract early. Payment due for work done to the date of termination will be processed in a manner consistent with **§2.C**.

v. Erroneous Payments

The State may recover, at the State's discretion, payments made to Local Agency in error for any reason, including, but not limited to, overpayments or improper payments, and unexpended or excess funds received by Local Agency. The State may recover such payments by deduction from subsequent payments under this Agreement, deduction from any payment due under any other contracts, grants or agreements between the State and Local Agency, or by any other appropriate method for collecting debts owed to the State. The close out of a Federal Award does not affect the right of FHWA or the State to disallow costs and recover funds on the basis of a later audit or other review. Any cost disallowance recovery is to be made within the Record Retention Period (as defined below in **§9.A**).

C. Matching Funds

Local Agency shall provide matching funds as provided in **§7.A** and **Exhibit C**. Local Agency shall have raised the full amount of matching funds prior to the Effective Date and shall report to the State regarding the status of such funds upon request. Local Agency's obligation to pay all or any part of any matching funds, whether direct or contingent, only extend to funds duly and lawfully appropriated for the purposes of this Agreement by the authorized representatives of Local Agency and paid into Local Agency's treasury. Local Agency represents to the State that the amount designated "Local Agency Matching Funds" in **Exhibit C** has been legally appropriated for the purpose of this Agreement by its authorized representatives and paid into its treasury. Local Agency may evidence such obligation by an appropriate ordinance/resolution or other authority letter expressly authorizing Local Agency to enter into this Agreement and to expend its match share of the Work. A copy of any such ordinance/resolution or authority letter is attached hereto as **Exhibit D**. Local Agency does not by this Agreement irrevocably pledge present cash reserves for payments in future fiscal years, and this Agreement is not intended to create a multiple-fiscal year debt of Local Agency. Local Agency shall not pay or be liable for any claimed interest, late charges, fees, taxes, or penalties of any nature, except as required by Local Agency's laws or policies.

D. Reimbursement of Local Agency Costs

The State shall reimburse Local Agency's allowable costs, not exceeding the maximum total amount described in **Exhibit C** and **§7**. The applicable principles described in 2 C.F.R. Part 200 shall govern the State's obligation to reimburse all costs incurred by Local Agency and submitted to the State for reimbursement hereunder, and Local Agency shall comply with all such principles. The State shall reimburse Local Agency for the federal-aid share of properly documented costs related to the Work after review and approval thereof, subject to the provisions of this Agreement and **Exhibit C**. Local Agency costs for Work performed prior to the Effective Date shall not be reimbursed absent specific allowance of pre-award costs and indication that the Federal Award funding is retroactive. Local Agency costs for Work performed after any Performance Period End Date for a respective phase of the Work, is not reimbursable. Allowable costs shall be:

- i. Reasonable and necessary to accomplish the Work and for the Goods and Services provided.
- ii. Actual net cost to Local Agency (i.e. the price paid minus any items of value received by Local Agency that reduce the cost actually incurred).

E. Unilateral Modification of Agreement Funds Budget by State Option Letter

The State may, at its discretion, issue an "Option Letter" to Local Agency to add or modify Work phases in the Work schedule in **Exhibit C** if such modifications do not increase total budgeted Agreement Funds. Such Option Letters shall amend and update **Exhibit C**, Sections 2 or 4 of the Table, and sub-sections B and C of the **Exhibit C**. Option Letters shall not be deemed valid until signed by the State Controller or an authorized delegate. Modification of **Exhibit C** by unilateral Option Letter is permitted only in the specific scenarios listed below. The State will exercise such options by providing Local Agency a fully executed Option Letter, in a form substantially equivalent to **Exhibit B**. Such Option Letters will be incorporated into this Agreement.

i. Option to Begin a Phase and/or Increase or Decrease the Encumbrance Amount

The State may require by Option Letter that Local Agency begin a new Work phase that may include Design, Construction, Environmental, Utilities, ROW Incidentals or Miscellaneous Work (but may not include Right of Way Acquisition/Relocation or Railroads) as detailed in **Exhibit A**. Such Option Letters may not modify the other terms and conditions stated in this Agreement, and must decrease the amount budgeted and encumbered for one or more other Work phases so that the total amount of budgeted Agreement Funds remains the same. The State may also issue a unilateral Option Letter to simultaneously increase and decrease the total encumbrance amount of two or more existing Work phases, as long as the total amount of budgeted Agreement Funds remains the same, replacing the original Agreement Funding exhibit (**Exhibit C**) with an updated **Exhibit C-1** (with subsequent exhibits labeled **C-2**, **C-3**, etc.).

ii. Option to Transfer Funds from One Phase to Another Phase.

The State may require or permit Local Agency to transfer Agreement Funds from one Work phase (Design, Construction, Environmental, Utilities, ROW Incidentals or Miscellaneous) to another phase as a result of changes to State, federal, and local match funding. In such case, the original funding exhibit (**Exhibit C**) will be replaced with an updated **Exhibit C-1** (with subsequent exhibits labeled **C-2**, **C-3**, etc.) attached to the Option Letter. The Agreement Funds transferred from one Work phase to another are subject to the same terms and conditions stated in the original Agreement with the total budgeted Agreement Funds remaining the same. The State may unilaterally exercise this option by providing a fully executed Option Letter to Local Agency within thirty (30) days before the initial targeted start date of the Work phase, in a form substantially equivalent to **Exhibit B**.

iii. Option to Exercise Options i and ii.

The State may require Local Agency to add a Work phase as detailed in **Exhibit A**, and encumber and transfer Agreement Funds from one Work phase to another. The original funding exhibit (**Exhibit C**) in the original Agreement will be replaced with an updated **Exhibit C-1** (with subsequent exhibits labeled **C-2**, **C-3**, etc.) attached to the Option Letter. The addition of a Work phase and encumbrance and transfer of Agreement Funds are subject to the same terms and conditions stated in the original Agreement with the total budgeted Agreement Funds remaining the same. The State may unilaterally exercise this option by providing a fully executed Option Letter to Local Agency within 30 days before the initial targeted start date of the Work phase, in a form substantially equivalent to **Exhibit B**.

iv. Option to Update a Work Phase Performance Period and/or modify information required under the OMB Uniform Guidance, as outlined in **Exhibit C**. The State may update any information contained in **Exhibit C**, Sections 2 and 4 of the Table, and sub-sections B and C of the **Exhibit C**.

F. Accounting

Local Agency shall establish and maintain accounting systems in accordance with generally accepted accounting standards (a separate set of accounts, or as a separate and integral part of its current accounting scheme). Such accounting systems shall, at a minimum, provide as follows:

i. Local Agency Performing the Work

If Local Agency is performing the Work, it shall document all allowable costs, including any approved Services contributed by Local Agency or subcontractors, using payrolls, time records, invoices, contracts, vouchers, and other applicable records.

ii. Local Agency-Checks or Draws

Checks issued or draws made by Local Agency shall be made or drawn against properly signed vouchers detailing the purpose thereof. Local Agency shall keep on file all checks, payrolls, invoices, contracts, vouchers, orders, and other accounting documents in the office of Local Agency, clearly identified, readily accessible, and to the extent feasible, separate and apart from all other Work documents.

iii. State-Administrative Services

The State may perform any necessary administrative support services required hereunder. Local Agency shall reimburse the State for the costs of any such services from the budgeted Agreement Funds as

provided for in **Exhibit C**. If FHWA Agreement Funds are or become unavailable, or if Local Agency terminates this Agreement prior to the Work being approved by the State or otherwise completed, then all actual incurred costs of such services and assistance provided by the State shall be reimbursed to the State by Local Agency at its sole expense.

iv. Local Agency-Invoices

Local Agency's invoices shall describe in detail the reimbursable costs incurred by Local Agency for which it seeks reimbursement, the dates such costs were incurred and the amounts thereof, and Local Agency shall not submit more than one invoice per month.

v. Invoicing Within 60 Days

The State shall not be liable to reimburse Local Agency for any costs invoiced more than 60 days after the date on which the costs were incurred, including costs included in Local Agency's final invoice. The State may withhold final payment to Local Agency at the State's sole discretion until completion of final audit. Any costs incurred by Local Agency that are not allowable under 2 C.F.R. Part 200 shall be Local Agency's responsibility, and the State will deduct such disallowed costs from any payments due to Local Agency. The State will not reimburse costs for Work performed after the Performance Period End Date for a respective Work phase. The State will not reimburse costs for Work performed prior to Performance Period End Date, but for which an invoice is received more than 60 days after the Performance Period End Date.

vi. Risk Assessment & Monitoring

Pursuant to 2 C.F.R. 200.331(b), – CDOT will evaluate Local Agency's risk of noncompliance with federal statutes, regulations, and terms and conditions of this Agreement. Local Agency shall complete a Risk Assessment Form (**Exhibit L**) when that may be requested by CDOT. The risk assessment is a quantitative and/or qualitative determination of the potential for Local Agency's non-compliance with the requirements of the Federal Award. The risk assessment will evaluate some or all of the following factors:

- Experience: Factors associated with the experience and history of the Subrecipient with the same or similar Federal Awards or grants.
- Monitoring/Audit: Factors associated with the results of the Subrecipient's previous audits or monitoring visits, including those performed by the Federal Awarding Agency, when the Subrecipient also receives direct federal funding. Include audit results if Subrecipient receives single audit, where the specific award being assessed was selected as a major program.
- Operation: Factors associated with the significant aspects of the Subrecipient's operations, in which failure could impact the Subrecipient's ability to perform and account for the contracted goods or services.
- Financial: Factors associated with the Subrecipient's financial stability and ability to comply with financial requirements of the Federal Award.
- Internal Controls: Factors associated with safeguarding assets and resources, deterring and detecting errors, fraud and theft, ensuring accuracy and completeness of accounting data, producing reliable and timely financial and management information, and ensuring adherence to its policies and plans.
- Impact: Factors associated with the potential impact of a Subrecipient's non-compliance to the overall success of the program objectives.
- Program Management: Factors associated with processes to manage critical personnel, approved written procedures, and knowledge of rules and regulations regarding federal-aid projects.

Following Local Agency's completion of the Risk Assessment Tool (**Exhibit L**), CDOT will determine the level of monitoring it will apply to Local Agency's performance of the Work. This risk assessment may be re-evaluated after CDOT begins performing monitoring activities.

G. Close Out

Local Agency shall close out this Award within 90 days after the Final Phase Performance End Date. Close out requires Local Agency's submission to the State of all deliverables defined in this Agreement, and Local Agency's final reimbursement request or invoice. The State will withhold 5% of allowable costs until all final documentation has been submitted and accepted by the State as substantially complete. If FHWA has not closed this Federal Award within 1 year and 90 days after the Final Phase Performance End Date due to Local Agency's failure to submit required documentation, then Local Agency may be prohibited from applying for new Federal Awards through the State until such documentation is submitted and accepted.

8. REPORTING - NOTIFICATION

A. Quarterly Reports

In addition to any reports required pursuant to §19 or pursuant to any exhibit, for any contract having a term longer than 3 months, Local Agency shall submit, on a quarterly basis, a written report specifying progress made for each specified performance measure and standard in this Agreement. Such progress report shall be in accordance with the procedures developed and prescribed by the State. Progress reports shall be submitted to the State not later than five (5) Business Days following the end of each calendar quarter or at such time as otherwise specified by the State.

B. Litigation Reporting

If Local Agency is served with a pleading or other document in connection with an action before a court or other administrative decision making body, and such pleading or document relates to this Agreement or may affect Local Agency's ability to perform its obligations under this Agreement, Local Agency shall, within 10 days after being served, notify the State of such action and deliver copies of such pleading or document to the State's principal representative identified in §16.

C. Performance and Final Status

Local Agency shall submit all financial, performance and other reports to the State no later than 60 calendar days after the Final Phase Performance End Date or sooner termination of this Agreement, containing an Evaluation of Subrecipient's performance and the final status of Subrecipient's obligations hereunder.

D. Violations Reporting

Local Agency must disclose, in a timely manner, in writing to the State and FHWA, all violations of federal or State criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal Award. Penalties for noncompliance may include suspension or debarment (2 CFR Part 180 and 31 U.S.C. 3321).

9. LOCAL AGENCY RECORDS

A. Maintenance

Local Agency shall make, keep, maintain, and allow inspection and monitoring by the State of a complete file of all records, documents, communications, notes and other written materials, electronic media files, and communications, pertaining in any manner to the Work or the delivery of Services (including, but not limited to the operation of programs) or Goods hereunder. Local Agency shall maintain such records for a period (the "Record Retention Period") of three years following the date of submission to the State of the final expenditure report, or if this Award is renewed quarterly or annually, from the date of the submission of each quarterly or annual report, respectively. If any litigation, claim, or audit related to this Award starts before expiration of the Record Retention Period, the Record Retention Period shall extend until all litigation, claims, or audit findings have been resolved and final action taken by the State or Federal Awarding Agency. The Federal Awarding Agency, a cognizant agency for audit, oversight or indirect costs, and the State, may notify Local Agency in writing that the Record Retention Period shall be extended. For records for real property and equipment, the Record Retention Period shall extend three years following final disposition of such property.

B. Inspection

Local Agency shall permit the State to audit, inspect, examine, excerpt, copy, and transcribe Local Agency Records during the Record Retention Period. Local Agency shall make Local Agency Records available during normal business hours at Local Agency's office or place of business, or at other mutually agreed upon

times or locations, upon no fewer than 2 Business Days' notice from the State, unless the State determines that a shorter period of notice, or no notice, is necessary to protect the interests of the State.

C. Monitoring

The State will monitor Local Agency's performance of its obligations under this Agreement using procedures as determined by the State. The State shall monitor Local Agency's performance in a manner that does not unduly interfere with Local Agency's performance of the Work.

D. Final Audit Report

Local Agency shall promptly submit to the State a copy of any final audit report of an audit performed on Local Agency's records that relates to or affects this Agreement or the Work, whether the audit is conducted by Local Agency or a third party.

10. CONFIDENTIAL INFORMATION-STATE RECORDS

A. Confidentiality

Local Agency shall hold and maintain, and cause all Subcontractors to hold and maintain, any and all State Records that the State provides or makes available to Local Agency for the sole and exclusive benefit of the State, unless those State Records are otherwise publicly available at the time of disclosure or are subject to disclosure by Local Agency under CORA. Local Agency shall not, without prior written approval of the State, use for Local Agency's own benefit, publish, copy, or otherwise disclose to any third party, or permit the use by any third party for its benefit or to the detriment of the State, any State Records, except as otherwise stated in this Agreement. Local Agency shall provide for the security of all State Confidential Information in accordance with all policies promulgated by the Colorado Office of Information Security and all applicable laws, rules, policies, publications, and guidelines. Local Agency shall immediately forward any request or demand for State Records to the State's principal representative.

B. Other Entity Access and Nondisclosure Agreements

Local Agency may provide State Records to its agents, employees, assigns and Subcontractors as necessary to perform the Work, but shall restrict access to State Confidential Information to those agents, employees, assigns and Subcontractors who require access to perform their obligations under this Agreement. Local Agency shall ensure all such agents, employees, assigns, and Subcontractors sign nondisclosure agreements with provisions at least as protective as those in this Agreement, and that the nondisclosure agreements are in force at all times the agent, employee, assign or Subcontractor has access to any State Confidential Information. Local Agency shall provide copies of those signed nondisclosure agreements to the State upon request.

C. Use, Security, and Retention

Local Agency shall use, hold and maintain State Confidential Information in compliance with any and all applicable laws and regulations in facilities located within the United States, and shall maintain a secure environment that ensures confidentiality of all State Confidential Information wherever located. Local Agency shall provide the State with access, subject to Local Agency's reasonable security requirements, for purposes of inspecting and monitoring access and use of State Confidential Information and evaluating security control effectiveness. Upon the expiration or termination of this Agreement, Local Agency shall return State Records provided to Local Agency or destroy such State Records and certify to the State that it has done so, as directed by the State. If Local Agency is prevented by law or regulation from returning or destroying State Confidential Information, Local Agency warrants it will guarantee the confidentiality of, and cease to use, such State Confidential Information.

D. Incident Notice and Remediation

If Local Agency becomes aware of any Incident, it shall notify the State immediately and cooperate with the State regarding recovery, remediation, and the necessity to involve law enforcement, as determined by the State. Unless Local Agency can establish that none of Local Agency or any of its agents, employees, assigns or Subcontractors are the cause or source of the Incident, Local Agency shall be responsible for the cost of notifying each person who may have been impacted by the Incident. After an Incident, Local Agency shall take steps to reduce the risk of incurring a similar type of Incident in the future as directed by the State, which

may include, but is not limited to, developing and implementing a remediation plan that is approved by the State at no additional cost to the State.

11. CONFLICTS OF INTEREST

A. Actual Conflicts of Interest

Local Agency shall not engage in any business or activities, or maintain any relationships that conflict in any way with the full performance of the obligations of Local Agency under this Agreement. Such a conflict of interest would arise when a Local Agency or Subcontractor's employee, officer or agent were to offer or provide any tangible personal benefit to an employee of the State, or any member of his or her immediate family or his or her partner, related to the award of, entry into or management or oversight of this Agreement. Officers, employees and agents of Local Agency may neither solicit nor accept gratuities, favors or anything of monetary value from contractors or parties to subcontracts.

B. Apparent Conflicts of Interest

Local Agency acknowledges that, with respect to this Agreement, even the appearance of a conflict of interest shall be harmful to the State's interests. Absent the State's prior written approval, Local Agency shall refrain from any practices, activities or relationships that reasonably appear to be in conflict with the full performance of Local Agency's obligations under this Agreement.

C. Disclosure to the State

If a conflict or the appearance of a conflict arises, or if Local Agency is uncertain whether a conflict or the appearance of a conflict has arisen, Local Agency shall submit to the State a disclosure statement setting forth the relevant details for the State's consideration. Failure to promptly submit a disclosure statement or to follow the State's direction in regard to the actual or apparent conflict constitutes a breach of this Agreement.

12. INSURANCE

Local Agency shall obtain and maintain, and ensure that each Subcontractor shall obtain and maintain, insurance as specified in this section at all times during the term of this Agreement. All insurance policies required by this Agreement that are not provided through self-insurance shall be issued by insurance companies with an AM Best rating of A-VIII or better.

A. Local Agency Insurance

Local Agency is a "public entity" within the meaning of the Colorado Governmental Immunity Act, §24-10-101, *et seq.*, C.R.S. (the "GIA") and shall maintain at all times during the term of this Agreement such liability insurance, by commercial policy or self-insurance, as is necessary to meet its liabilities under the GIA.

B. Subcontractor Requirements

Local Agency shall ensure that each Subcontractor that is a public entity within the meaning of the GIA, maintains at all times during the terms of this Agreement, such liability insurance, by commercial policy or self-insurance, as is necessary to meet the Subcontractor's obligations under the GIA. Local Agency shall ensure that each Subcontractor that is not a public entity within the meaning of the GIA, maintains at all times during the terms of this Agreement all of the following insurance policies:

i. Workers' Compensation

Workers' compensation insurance as required by state statute, and employers' liability insurance covering all Local Agency or Subcontractor employees acting within the course and scope of their employment.

ii. General Liability

Commercial general liability insurance written on an Insurance Services Office occurrence form, covering premises operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, personal injury, and advertising liability with minimum limits as follows:

- a. \$1,000,000 each occurrence;
- b. \$1,000,000 general aggregate;

- c. \$1,000,000 products and completed operations aggregate; and
 - d. \$50,000 any 1 fire.
 - iii. Automobile Liability

Automobile liability insurance covering any auto (including owned, hired and non-owned autos) with a minimum limit of \$1,000,000 each accident combined single limit.
 - iv. Protected Information

Liability insurance covering all loss of State Confidential Information, such as PII, PHI, PCI, Tax Information, and CJI, and claims based on alleged violations of privacy rights through improper use or disclosure of protected information with minimum limits as follows:

 - a. \$1,000,000 each occurrence; and
 - b. \$2,000,000 general aggregate.
 - v. Professional Liability Insurance

Professional liability insurance covering any damages caused by an error, omission or any negligent act with minimum limits as follows:

 - a. \$1,000,000 each occurrence; and
 - b. \$1,000,000 general aggregate.
 - vi. Crime Insurance

Crime insurance including employee dishonesty coverage with minimum limits as follows:

 - a. \$1,000,000 each occurrence; and
 - b. \$1,000,000 general aggregate.
- C. Additional Insured
- The State shall be named as additional insured on all commercial general liability policies (leases and construction contracts require additional insured coverage for completed operations) required of Local Agency and Subcontractors. In the event of cancellation of any commercial general liability policy, the carrier shall provide at least 10 days prior written notice to CDOT.
- D. Primacy of Coverage
- Coverage required of Local Agency and each Subcontractor shall be primary over any insurance or self-insurance program carried by Local Agency or the State.
- E. Cancellation
- All commercial insurance policies shall include provisions preventing cancellation or non-renewal, except for cancellation based on non-payment of premiums, without at least 30 days prior notice to Local Agency and Local Agency shall forward such notice to the State in accordance with §16 within 7 days of Local Agency's receipt of such notice.
- F. Subrogation Waiver
- All commercial insurance policies secured or maintained by Local Agency or its Subcontractors in relation to this Agreement shall include clauses stating that each carrier shall waive all rights of recovery under subrogation or otherwise against Local Agency or the State, its agencies, institutions, organizations, officers, agents, employees, and volunteers.
- G. Certificates
- For each commercial insurance plan provided by Local Agency under this Agreement, Local Agency shall provide to the State certificates evidencing Local Agency's insurance coverage required in this Agreement within 7 Business Days following the Effective Date. Local Agency shall provide to the State certificates evidencing Subcontractor insurance coverage required under this Agreement within 7 Business Days following the Effective Date, except that, if Local Agency's subcontract is not in effect as of the Effective

Date, Local Agency shall provide to the State certificates showing Subcontractor insurance coverage required under this Agreement within 7 Business Days following Local Agency's execution of the subcontract. No later than 15 days before the expiration date of Local Agency's or any Subcontractor's coverage, Local Agency shall deliver to the State certificates of insurance evidencing renewals of coverage. At any other time during the term of this Agreement, upon request by the State, Local Agency shall, within 7 Business Days following the request by the State, supply to the State evidence satisfactory to the State of compliance with the provisions of this §12.

13. BREACH

A. Defined

The failure of a Party to perform any of its obligations in accordance with this Agreement, in whole or in part or in a timely or satisfactory manner, shall be a breach. The institution of proceedings under any bankruptcy, insolvency, reorganization or similar law, by or against Local Agency, or the appointment of a receiver or similar officer for Local Agency or any of its property, which is not vacated or fully stayed within 30 days after the institution of such proceeding, shall also constitute a breach.

B. Notice and Cure Period

In the event of a breach, the aggrieved Party shall give written notice of breach to the other Party. If the notified Party does not cure the breach, at its sole expense, within 30 days after the delivery of written notice, the Party may exercise any of the remedies as described in §14 for that Party. Notwithstanding any provision of this Agreement to the contrary, the State, in its discretion, need not provide notice or a cure period and may immediately terminate this Agreement in whole or in part or institute any other remedy in the Agreement in order to protect the public interest of the State.

14. REMEDIES

A. State's Remedies

If Local Agency is in breach under any provision of this Agreement and fails to cure such breach, the State, following the notice and cure period set forth in §13.B, shall have all of the remedies listed in this §14.A. in addition to all other remedies set forth in this Agreement or at law. The State may exercise any or all of the remedies available to it, in its discretion, concurrently or consecutively.

i. Termination for Breach

In the event of Local Agency's uncured breach, the State may terminate this entire Agreement or any part of this Agreement. Local Agency shall continue performance of this Agreement to the extent not terminated, if any.

a. Obligations and Rights

To the extent specified in any termination notice, Local Agency shall not incur further obligations or render further performance past the effective date of such notice, and shall terminate outstanding orders and subcontracts with third parties. However, Local Agency shall complete and deliver to the State all Work not cancelled by the termination notice, and may incur obligations as necessary to do so within this Agreement's terms. At the request of the State, Local Agency shall assign to the State all of Local Agency's rights, title, and interest in and to such terminated orders or subcontracts. Upon termination, Local Agency shall take timely, reasonable and necessary action to protect and preserve property in the possession of Local Agency but in which the State has an interest. At the State's request, Local Agency shall return materials owned by the State in Local Agency's possession at the time of any termination. Local Agency shall deliver all completed Work Product and all Work Product that was in the process of completion to the State at the State's request.

b. Payments

Notwithstanding anything to the contrary, the State shall only pay Local Agency for accepted Work received as of the date of termination. If, after termination by the State, the State agrees that Local Agency was not in breach or that Local Agency's action or inaction was excusable, such termination shall be treated as a termination in the public interest, and the rights and obligations of the Parties shall be as if this Agreement had been terminated in the public interest under §2.C.

c. Damages and Withholding

Notwithstanding any other remedial action by the State, Local Agency shall remain liable to the State for any damages sustained by the State in connection with any breach by Local Agency, and the State may withhold payment to Local Agency for the purpose of mitigating the State's damages until such time as the exact amount of damages due to the State from Local Agency is determined. The State may withhold any amount that may be due Local Agency as the State deems necessary to protect the State against loss including, without limitation, loss as a result of outstanding liens and excess costs incurred by the State in procuring from third parties replacement Work as cover.

ii. Remedies Not Involving Termination

The State, in its discretion, may exercise one or more of the following additional remedies:

a. Suspend Performance

Suspend Local Agency's performance with respect to all or any portion of the Work pending corrective action as specified by the State without entitling Local Agency to an adjustment in price or cost or an adjustment in the performance schedule. Local Agency shall promptly cease performing Work and incurring costs in accordance with the State's directive, and the State shall not be liable for costs incurred by Local Agency after the suspension of performance.

b. Withhold Payment

Withhold payment to Local Agency until Local Agency corrects its Work.

c. Deny Payment

Deny payment for Work not performed, or that due to Local Agency's actions or inactions, cannot be performed or if they were performed are reasonably of no value to the state; provided, that any denial of payment shall be equal to the value of the obligations not performed.

d. Removal

Demand immediate removal from the Work of any of Local Agency's employees, agents, or Subcontractors from the Work whom the State deems incompetent, careless, insubordinate, unsuitable, or otherwise unacceptable or whose continued relation to this Agreement is deemed by the State to be contrary to the public interest or the State's best interest.

e. Intellectual Property

If any Work infringes a patent, copyright, trademark, trade secret, or other intellectual property right, Local Agency shall, as approved by the State (a) secure that right to use such Work for the State or Local Agency; (b) replace the Work with noninfringing Work or modify the Work so that it becomes noninfringing; or, (c) remove any infringing Work and refund the amount paid for such Work to the State.

B. Local Agency's Remedies

If the State is in breach of any provision of this Agreement and does not cure such breach, Local Agency, following the notice and cure period in §13.B and the dispute resolution process in §15 shall have all remedies available at law and equity.

15. DISPUTE RESOLUTION

A. Initial Resolution

Except as herein specifically provided otherwise, disputes concerning the performance of this Agreement which cannot be resolved by the designated Agreement representatives shall be referred in writing to a senior departmental management staff member designated by the State and a senior manager designated by Local Agency for resolution.

B. Resolution of Controversies

If the initial resolution described in §15.A fails to resolve the dispute within 10 Business Days, Contractor shall submit any alleged breach of this Contract by the State to the Procurement Official of CDOT as

described in §24-101-301(30), C.R.S. for resolution in accordance with the provisions of §§24-106-109, 24-109-101.1, 24-109-101.5, 24-109-106, 24-109-107, 24-109-201 through 24-109-206, and 24-109-501 through 24-109-505, C.R.S., (the “Resolution Statutes”), except that if Contractor wishes to challenge any decision rendered by the Procurement Official, Contractor’s challenge shall be an appeal to the executive director of the Department of Personnel and Administration, or their delegate, under the Resolution Statutes before Contractor pursues any further action as permitted by such statutes. Except as otherwise stated in this Section, all requirements of the Resolution Statutes shall apply including, without limitation, time limitations.

16. NOTICES AND REPRESENTATIVES

Each individual identified below shall be the principal representative of the designating Party. All notices required or permitted to be given under this Agreement shall be in writing, and shall be delivered (i) by hand with receipt required, (ii) by certified or registered mail to such Party’s principal representative at the address set forth below or (iii) as an email with read receipt requested to the principal representative at the email address, if any, set forth below. If a Party delivers a notice to another through email and the email is undeliverable, then, unless the Party has been provided with an alternate email contact, the Party delivering the notice shall deliver the notice by hand with receipt required or by certified or registered mail to such Party’s principal representative at the address set forth below. Either Party may change its principal representative or principal representative contact information by notice submitted in accordance with this §16 without a formal amendment to this Agreement. Unless otherwise provided in this Agreement, notices shall be effective upon delivery of the written notice.

For the State

Colorado Department of Transportation (CDOT)
Donald Scanga, Local Agency Coordinator
CDOT Region 2
5615 Wills Blvd.
Pueblo, CO 81008
719-621-8340
donald.scanga@state.co.us

For the Local Agency

City of Pueblo
Melanie Turner, Project Engineer
211 East D Street
Pueblo, CO 81003
719-553-2246
mturner@pueblo.us

17. RIGHTS IN WORK PRODUCT AND OTHER INFORMATION

A. Work Product

Local Agency assigns to the State and its successors and assigns, the entire right, title, and interest in and to all causes of action, either in law or in equity, for past, present, or future infringement of intellectual property rights related to the Work Product and all works based on, derived from, or incorporating the Work Product. Whether or not Local Agency is under contract with the State at the time, Local Agency shall execute applications, assignments, and other documents, and shall render all other reasonable assistance requested by the State, to enable the State to secure patents, copyrights, licenses and other intellectual property rights related to the Work Product. The Parties intend the Work Product to be works made for hire.

i. Copyrights

To the extent that the Work Product (or any portion of the Work Product) would not be considered works made for hire under applicable law, Local Agency hereby assigns to the State, the entire right, title, and interest in and to copyrights in all Work Product and all works based upon, derived from, or incorporating the Work Product; all copyright applications, registrations, extensions, or renewals relating to all Work Product and all works based upon, derived from, or incorporating the Work Product; and all moral rights

or similar rights with respect to the Work Product throughout the world. To the extent that Local Agency cannot make any of the assignments required by this section, Local Agency hereby grants to the State a perpetual, irrevocable, royalty-free license to use, modify, copy, publish, display, perform, transfer, distribute, sell, and create derivative works of the Work Product and all works based upon, derived from, or incorporating the Work Product by all means and methods and in any format now known or invented in the future. The State may assign and license its rights under this license.

ii. Patents

In addition, Local Agency grants to the State (and to recipients of Work Product distributed by or on behalf of the State) a perpetual, worldwide, no-charge, royalty-free, irrevocable patent license to make, have made, use, distribute, sell, offer for sale, import, transfer, and otherwise utilize, operate, modify and propagate the contents of the Work Product. Such license applies only to those patent claims licensable by Local Agency that are necessarily infringed by the Work Product alone, or by the combination of the Work Product with anything else used by the State.

B. Exclusive Property of the State

Except to the extent specifically provided elsewhere in this Agreement, any pre-existing State Records, State software, research, reports, studies, photographs, negatives, or other documents, drawings, models, materials, data, and information shall be the exclusive property of the State (collectively, "State Materials"). Local Agency shall not use, willingly allow, cause or permit Work Product or State Materials to be used for any purpose other than the performance of Local Agency's obligations in this Agreement without the prior written consent of the State. Upon termination of this Agreement for any reason, Local Agency shall provide all Work Product and State Materials to the State in a form and manner as directed by the State.

18. GOVERNMENTAL IMMUNITY

Liability for claims for injuries to persons or property arising from the negligence of the Parties, their departments, boards, commissions committees, bureaus, offices, employees and officials shall be controlled and limited by the provisions of the GIA; the Federal Tort Claims Act, 28 U.S.C. Pt. VI, Ch. 171 and 28 U.S.C. 1346(b), and the State's risk management statutes, §§24-30-1501, *et seq.* C.R.S.

19. STATEWIDE CONTRACT MANAGEMENT SYSTEM

If the maximum amount payable to Local Agency under this Agreement is \$100,000 or greater, either on the Effective Date or at anytime thereafter, this **§19** shall apply. Local Agency agrees to be governed by and comply with the provisions of §24-102-205, §24-102-206, §24-103-601, §24-103.5-101 and §24-105-102 C.R.S. regarding the monitoring of vendor performance and the reporting of contract performance information in the State's contract management system ("Contract Management System" or "CMS"). Local Agency's performance shall be subject to evaluation and review in accordance with the terms and conditions of this Agreement, Colorado statutes governing CMS, and State Fiscal Rules and State Controller policies.

20. GENERAL PROVISIONS

A. Assignment

Local Agency's rights and obligations under this Agreement are personal and may not be transferred or assigned without the prior, written consent of the State. Any attempt at assignment or transfer without such consent shall be void. Any assignment or transfer of Local Agency's rights and obligations approved by the State shall be subject to the provisions of this Agreement

B. Subcontracts

Local Agency shall not enter into any subcontract in connection with its obligations under this Agreement without the prior, written approval of the State. Local Agency shall submit to the State a copy of each such subcontract upon request by the State. All subcontracts entered into by Local Agency in connection with this Agreement shall comply with all applicable federal and state laws and regulations, shall provide that they are governed by the laws of the State of Colorado, and shall be subject to all provisions of this Agreement.

C. Binding Effect

Except as otherwise provided in **§20.A.** all provisions of this Agreement, including the benefits and burdens, shall extend to and be binding upon the Parties' respective successors and assigns.

D. Authority

Each Party represents and warrants to the other that the execution and delivery of this Agreement and the performance of such Party's obligations have been duly authorized.

E. Captions and References

The captions and headings in this Agreement are for convenience of reference only, and shall not be used to interpret, define, or limit its provisions. All references in this Agreement to sections (whether spelled out or using the § symbol), subsections, exhibits or other attachments, are references to sections, subsections, exhibits or other attachments contained herein or incorporated as a part hereof, unless otherwise noted.

F. Counterparts

This Agreement may be executed in multiple, identical, original counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

G. Entire Understanding

This Agreement represents the complete integration of all understandings between the Parties related to the Work, and all prior representations and understandings related to the Work, oral or written, are merged into this Agreement. Prior or contemporaneous additions, deletions, or other changes to this Agreement shall not have any force or effect whatsoever, unless embodied herein.

H. Jurisdiction and Venue

All suits or actions related to this Agreement shall be filed and proceedings held in the State of Colorado and exclusive venue shall be in the City and County of Denver.

I. Modification

Except as otherwise provided in this Agreement, any modification to this Agreement shall only be effective if agreed to in a formal amendment to this Agreement, properly executed and approved in accordance with applicable Colorado State law and State Fiscal Rules. Modifications permitted under this Agreement, other than contract amendments, shall conform to the policies promulgated by the Colorado State Controller.

J. Statutes, Regulations, Fiscal Rules, and Other Authority.

Any reference in this Agreement to a statute, regulation, State Fiscal Rule, fiscal policy or other authority shall be interpreted to refer to such authority then current, as may have been changed or amended since the Effective Date of this Agreement.

K. Order of Precedence

In the event of a conflict or inconsistency between this Agreement and any exhibits or attachment such conflict or inconsistency shall be resolved by reference to the documents in the following order of priority:

- i. Colorado Special Provisions in the main body of this Agreement.
- ii. The provisions of the other sections of the main body of this Agreement.
- iii. **Exhibit A**, Statement of Work.
- iv. **Exhibit D**, Local Agency Resolution.
- v. **Exhibit C**, Funding Provisions.
- vi. **Exhibit B**, Sample Option Letter.
- vii. **Exhibit E**, Local Agency Contract Administration Checklist.
- viii. Other exhibits in descending order of their attachment.

L. Severability

The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement, which shall remain in full force and effect, provided that the Parties can continue to perform their obligations under this Agreement in accordance with the intent of the Agreement.

M. Survival of Certain Agreement Terms

Any provision of this Agreement that imposes an obligation on a Party after termination or expiration of the Agreement shall survive the termination or expiration of the Agreement and shall be enforceable by the other Party.

N. Third Party Beneficiaries

Except for the Parties' respective successors and assigns described in **§20.C**, this Agreement does not and is not intended to confer any rights or remedies upon any person or entity other than the Parties. Enforcement of this Agreement and all rights and obligations hereunder are reserved solely to the Parties. Any services or benefits which third parties receive as a result of this Agreement are incidental to the Agreement, and do not create any rights for such third parties.

O. Waiver

A Party's failure or delay in exercising any right, power, or privilege under this Agreement, whether explicit or by lack of enforcement, shall not operate as a waiver, nor shall any single or partial exercise of any right, power, or privilege preclude any other or further exercise of such right, power, or privilege.

P. CORA Disclosure

To the extent not prohibited by federal law, this Agreement and the performance measures and standards required under §24-103.5-101 C.R.S., if any, are subject to public release through the CORA.

Q. Standard and Manner of Performance

Local Agency shall perform its obligations under this Agreement in accordance with the highest standards of care, skill and diligence in Local Agency's industry, trade, or profession.

R. Licenses, Permits, and Other Authorizations.

Local Agency shall secure, prior to the Effective Date, and maintain at all times during the term of this Agreement, at its sole expense, all licenses, certifications, permits, and other authorizations required to perform its obligations under this Agreement, and shall ensure that all employees, agents and Subcontractors secure and maintain at all times during the term of their employment, agency or subcontract, all license, certifications, permits and other authorizations required to perform their obligations in relation to this Agreement.

21. COLORADO SPECIAL PROVISIONS (COLORADO FISCAL RULE 3-3)

These Special Provisions apply to all contracts except where noted in italics.

A. STATUTORY APPROVAL. §24-30-202(1), C.R.S.

This Contract shall not be valid until it has been approved by the Colorado State Controller or designee. If this Contract is for a Major Information Technology Project, as defined in §24-37.5-102(2.6), then this Contract shall not be valid until it has been approved by the State's Chief Information Officer or designee.

B. FUND AVAILABILITY. §24-30-202(5.5), C.R.S.

Financial obligations of the State payable after the current State Fiscal Year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available.

C. GOVERNMENTAL IMMUNITY.

Liability for claims for injuries to persons or property arising from the negligence of the State, its departments, boards, commissions committees, bureaus, offices, employees and officials shall be controlled and limited by the provisions of the Colorado Governmental Immunity Act, §24-10-101, et seq., C.R.S.; the Federal Tort Claims Act, 28 U.S.C. Pt. VI, Ch. 171 and 28 U.S.C. 1346(b), and the State's risk management statutes, §§24-30-1501, et seq. C.R.S. No term or condition of this Contract shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protections, or other provisions, contained in these statutes.

D. INDEPENDENT CONTRACTOR

Contractor shall perform its duties hereunder as an independent contractor and not as an employee. Neither Contractor nor any agent or employee of Contractor shall be deemed to be an agent or employee of the State.

Contractor shall not have authorization, express or implied, to bind the State to any agreement, liability or understanding, except as expressly set forth herein. **Contractor and its employees and agents are not entitled to unemployment insurance or workers compensation benefits through the State and the State shall not pay for or otherwise provide such coverage for Contractor or any of its agents or employees. Contractor shall pay when due all applicable employment taxes and income taxes and local head taxes incurred pursuant to this Contract. Contractor shall (i) provide and keep in force workers' compensation and unemployment compensation insurance in the amounts required by law, (ii) provide proof thereof when requested by the State, and (iii) be solely responsible for its acts and those of its employees and agents.**

E. COMPLIANCE WITH LAW.

Contractor shall comply with all applicable federal and State laws, rules, and regulations in effect or hereafter established, including, without limitation, laws applicable to discrimination and unfair employment practices.

F. CHOICE OF LAW, JURISDICTION, AND VENUE.

Colorado law, and rules and regulations issued pursuant thereto, shall be applied in the interpretation, execution, and enforcement of this Contract. Any provision included or incorporated herein by reference which conflicts with said laws, rules, and regulations shall be null and void. All suits or actions related to this Contract shall be filed and proceedings held in the State of Colorado and exclusive venue shall be in the City and County of Denver.

G. PROHIBITED TERMS.

Any term included in this Contract that requires the State to indemnify or hold Contractor harmless; requires the State to agree to binding arbitration; limits Contractor's liability for damages resulting from death, bodily injury, or damage to tangible property; or that conflicts with this provision in any way shall be void ab initio. Nothing in this Contract shall be construed as a waiver of any provision of §24-106-109 C.R.S. Any term included in this Contract that limits Contractor's liability that is not void under this section shall apply only in excess of any insurance to be maintained under this Contract, and no insurance policy shall be interpreted as being subject to any limitations of liability of this Contract.

H. SOFTWARE PIRACY PROHIBITION.

State or other public funds payable under this Contract shall not be used for the acquisition, operation, or maintenance of computer software in violation of federal copyright laws or applicable licensing restrictions. Contractor hereby certifies and warrants that, during the term of this Contract and any extensions, Contractor has and shall maintain in place appropriate systems and controls to prevent such improper use of public funds. If the State determines that Contractor is in violation of this provision, the State may exercise any remedy available at law or in equity or under this Contract, including, without limitation, immediate termination of this Contract and any remedy consistent with federal copyright laws or applicable licensing restrictions.

I. EMPLOYEE FINANCIAL INTEREST/CONFLICT OF INTEREST. §§24-18-201 and 24-50-507, C.R.S.

The signatories aver that to their knowledge, no employee of the State has any personal or beneficial interest whatsoever in the service or property described in this Contract. Contractor has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of Contractor's services and Contractor shall not employ any person having such known interests.

J. VENDOR OFFSET AND ERRONEOUS PAYMENTS. §§24-30-202(1) and 24-30-202.4, C.R.S.

[Not applicable to intergovernmental agreements] Subject to §24-30-202.4(3.5), C.R.S., the State Controller may withhold payment under the State's vendor offset intercept system for debts owed to State agencies for: (i) unpaid child support debts or child support arrearages; (ii) unpaid balances of tax, accrued interest, or other charges specified in §§39-21-101, *et seq.*, C.R.S.; (iii) unpaid loans due to the Student Loan Division of the Department of Higher Education; (iv) amounts required to be paid to the Unemployment Compensation Fund; and (v) other unpaid debts owing to the State as a result of final agency determination or judicial action. The State may also recover, at the State's discretion, payments made to Contractor in error for any reason, including, but not limited to, overpayments or improper payments, and unexpended or excess funds received by Contractor by deduction from subsequent payments under this Contract, deduction from any payment due

under any other contracts, grants or agreements between the State and Contractor, or by any other appropriate method for collecting debts owed to the State.

K. PUBLIC CONTRACTS FOR SERVICES. §§8-17.5-101, et seq., C.R.S.

[Not applicable to agreements relating to the offer, issuance, or sale of securities, investment advisory services or fund management services, sponsored projects, intergovernmental agreements, or information technology services or products and services] Contractor certifies, warrants, and agrees that it does not knowingly employ or contract with an illegal alien who will perform work under this Contract and will confirm the employment eligibility of all employees who are newly hired for employment in the United States to perform work under this Contract, through participation in the E-Verify Program or the State verification program established pursuant to §8-17.5-102(5)(c), C.R.S., Contractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract or enter into a contract with a Subcontractor that fails to certify to Contractor that the Subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract. Contractor **(i)** shall not use E-Verify Program or the program procedures of the Colorado Department of Labor and Employment (“Department Program”) to undertake pre-employment screening of job applicants while this Contract is being performed, **(ii)** shall notify the Subcontractor and the contracting State agency or institution of higher education within 3 days if Contractor has actual knowledge that a Subcontractor is employing or contracting with an illegal alien for work under this Contract, **(iii)** shall terminate the subcontract if a Subcontractor does not stop employing or contracting with the illegal alien within 3 days of receiving the notice, and **(iv)** shall comply with reasonable requests made in the course of an investigation, undertaken pursuant to §8-17.5-102(5), C.R.S., by the Colorado Department of Labor and Employment. If Contractor participates in the Department program, Contractor shall deliver to the contracting State agency, Institution of Higher Education or political subdivision, a written, notarized affirmation, affirming that Contractor has examined the legal work status of such employee, and shall comply with all of the other requirements of the Department program. If Contractor fails to comply with any requirement of this provision or §§8-17.5-101, et seq., C.R.S., the contracting State agency, institution of higher education or political subdivision may terminate this Contract for breach and, if so terminated, Contractor shall be liable for damages.

L. PUBLIC CONTRACTS WITH NATURAL PERSONS. §§24-76.5-101, et seq., C.R.S.

Contractor, if a natural person eighteen (18) years of age or older, hereby swears and affirms under penalty of perjury that Contractor **(i)** is a citizen or otherwise lawfully present in the United States pursuant to federal law, **(ii)** shall comply with the provisions of §§24-76.5-101, et seq., C.R.S., and **(iii)** has produced one form of identification required by §24-76.5-103, C.R.S. prior to the Effective Date of this Contract.

Revised 11-1-18

22. FEDERAL REQUIREMENTS

Local Agency and/or their contractors, subcontractors, and consultants shall at all times during the execution of this Agreement strictly adhere to, and comply with, all applicable federal and State laws, and their implementing regulations, as they currently exist and may hereafter be amended. A summary of applicable federal provisions are attached hereto as Exhibit F, Exhibit I, Exhibit J, Exhibit K and Exhibit M are hereby incorporated by this reference.

23. DISADVANTAGED BUSINESS ENTERPRISE (DBE)

Local Agency will comply with all requirements of Exhibit G and Local Agency Contract Administration Checklist regarding DBE requirements for the Work, except that if Local Agency desires to use its own DBE program to implement and administer the DBE provisions of 49 C.F.R. Part 26 under this Agreement, it must submit a copy of its program’s requirements to the State for review and approval before the execution of this Agreement. If Local Agency uses any State- approved DBE program for this Agreement, Local Agency shall be solely responsible to defend that DBE program and its use of that program against all legal and other challenges or complaints, at its sole cost and expense. Such responsibility includes, without limitation, determinations concerning DBE eligibility requirements and certification, adequate legal and factual bases for DBE goals and good faith efforts. State approval (if provided) of Local Agency’s DBE program does not waive or modify the sole responsibility of Local Agency for use of its program.

24. DISPUTES

Except as otherwise provided in this Agreement, any dispute concerning a question of fact arising under this Agreement which is not disposed of by agreement shall be decided by the Chief Engineer of the Department of Transportation. The decision of the Chief Engineer will be final and conclusive unless, within 30 calendar days after the date of receipt of a copy of such written decision, Local Agency mails or otherwise furnishes to the State a written appeal addressed to the Executive Director of CDOT. In connection with any appeal proceeding under this clause, Local Agency shall be afforded an opportunity to be heard and to offer evidence in support of its appeal. Pending final decision of a dispute hereunder, Local Agency shall proceed diligently with the performance of this Agreement in accordance with the Chief Engineer's decision. The decision of the Executive Director or his duly authorized representative for the determination of such appeals shall be final and conclusive and serve as final agency action. This dispute clause does not preclude consideration of questions of law in connection with decisions provided for herein. Nothing in this Agreement, however, shall be construed as making final the decision of any administrative official, representative, or board on a question of law.

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EXHIBIT A
SCOPE OF WORK

Dillon and Eagleridge Roundabout
SHO M086-084
23584

1. General Description

The local agency shall be responsible for design and construction of a traffic roundabout in the intersection of Dillon Drive and Eagleridge Boulevard in the City of Pueblo, Project M086-084, SA 23584. The roundabout shall provide a free flow condition for all turning movements and will eliminate stop signs. Medians and concrete curb and gutter, as well as striping and appropriate signage will be installed on all four quadrants to delineate lanes and instruct drivers. Crosswalks, curb ramps, landscaping, and other appurtenances will also be installed.

Install a roundabout in the intersection of Dillon Drive and Eagleridge Boulevard.
STIP# SR26644

2. Definitions N/A

3. Personnel

3.1. Responsible Administrator.

The Local Agency's performance hereunder shall be under the direct supervision of the project manager identified in §18 of the Agreement.

3.2. Replacement

The Local Agency shall immediately notify the State if any key personnel cease to serve and seek its approval. Such notice shall specify why the change is necessary, who the proposed replacement is, what their qualifications are, and when the change would take effect. Anytime key personnel cease to serve, the State, in its sole discretion, may direct the Local Agency to suspend performance on the Work until such time as their replacements are approved. All notices sent under this subsection shall be sent in accordance with §18 of the Agreement.

4. Administrative Requirements

At all times from the effective date of this Agreement until completion of the Work, the Local Agency shall maintain properly segregated books of State Agreement funds, matching funds, and other funds associated with the Work. All receipts and expenditures associated with said Work shall be documented in a detailed and specific manner, and shall accord with the Work Budget set forth herein.

5. Monitoring

The State shall monitor this Work on an as-needed basis. The State may choose to audit the business activities performed under this Agreement. The Local Agency shall maintain a complete file of all records, documents, communications, notes and other written materials or electronic media, files or communications, which pertain in any manner to the operation of activities undertaken pursuant to an executed Agreement. Such books and records shall contain documentation of the participant's pertinent activity under this Agreement in a form consistent with good accounting practice.

EXHIBIT B**SAMPLE IGA OPTION LETTER**

Date	State Fiscal Year	Option Letter No.
Project Code	Original Agreement #	

Vendor Name: _____

Option to unilaterally add phasing to include Design, Construction, Environmental, Utilities, ROW incidentals or Miscellaneous and to update encumbrance amount(s).

Option to unilaterally transfer funds from one phase to another phase.

Option to unilaterally add phasing to include Design, Construction, Environmental, Utilities, ROW incidentals or Miscellaneous, to update encumbrance amount(s), and to unilaterally transfer funds from one phase to another phase.

Option to unilaterally extend the performance of this Agreement and/or update a Work Phase Performance Period.

Option A

In accordance with the terms of the original Agreement between the State of Colorado, Department of Transportation and the Local Agency), the State hereby exercises the option to authorize the Local Agency to add a phase and to encumber funds for the phase based on changes in funding availability and authorization. The total encumbrance is (or increased) by \$0.00. A new **Exhibit C-1** is made part of the original Agreement and replaces **Exhibit C**.

Option B

In accordance with the terms of the original Agreement between the State of Colorado, Department of Transportation and the Local Agency, the State hereby exercises the option to transfer funds based on variance in actual phase costs and original phase estimates. A new **Exhibit C-1** is made part of the original Agreement and replaces **Exhibit C**.

Option C

In accordance with the terms of the original Agreement between the State of Colorado, Department of Transportation and the Local Agency, the State hereby exercises the option to 1) release the Local Agency to begin a phase; 2) to encumber funds for the phase based upon changes in funding availability and authorization; and 3) to transfer funds from phases based on variance in actual phase costs and original phase estimates. A new **Exhibit C-1** is made part of the original Agreement and replaces **Exhibit C**.

Option D

In accordance with the terms of the original Agreement between the State of Colorado, Department of Transportation and the Local Agency, the State hereby exercises the option extend the performance of this Agreement and/or update a Work Phase Performance Period.

The total encumbrance as a result of this option and all previous options and/or amendments is now\$0.00, as referenced in **Exhibit C-1**. The total budgeted funds to satisfy services/goods ordered under the Agreement remains the same: as referenced in **Exhibit C-1**.

The effective date of this option letter is upon approval of the State Controller or delegate.

STATE OF COLORADO
Jared S. Polis
Department of Transportation

By: _____
Stephen Harelson, P.E., Chief Engineer
(For) Shoshana M. Lew, Executive Director

Date: _____

ALL AGREEMENTS MUST BE APPROVED BY THE STATE CONTROLLER

CRS §24-30-202 requires the State Controller to approve all State Agreements. This Agreement is not valid until signed and dated below by the State Controller or delegate. Contractor is not authorized to begin performance until such time. If the Local Agency begins performing prior thereto, the State of Colorado is not obligated to pay the Local Agency for such performance or for any goods and/or services provided hereunder.

STATE OF COLORADO
STATE CONTROLLER
Robert Jaros, CPA, MBA, JD

By: _____
Colorado Department of Transportation

Date: _____

EXHIBIT C
FUNDING PROVISIONS

EXHIBIT C – FUNDING PROVISIONS

SHO M086-084 (23584)

A. Cost of Work Estimate

The Local Agency has estimated the total cost the Work to be \$2,000,000.00, which is to be funded as follows:

1. BUDGETED FUNDS				
a. Federal Funds (90.00% of Participating Costs)				\$1,800,000.00
b. Local Agency Matching Funds (10.00% of Participating Costs)				\$200,000.00
TOTAL BUDGETED FUNDS				\$2,000,000.00
2. OMB UNIFORM GUIDANCE				
a. Federal Award Identification Number (FAIN):				TBD
b. Federal Award Date (also Phase Performance Start Date):				See Below
c. Amount of Federal Funds Obligated:				\$0.00
d. Total Amount of Federal Award:				\$1,800,000.00
e. Name of Federal Awarding Agency:				FHWA
f. CFDA# - Highway Planning and Construction				CFDA 20.205
g. Is the Award for R&D?				No
h. Indirect Cost Rate (if applicable)				N/A
3. ESTIMATED PAYMENT TO LOCAL AGENCY				
a. Federal Funds Budgeted				\$1,800,000.00
b. Less Estimated Federal Share of CDOT-Incurred Costs				\$0.00
TOTAL ESTIMATED PAYMENT TO LOCAL AGENCY				\$1,800,000.00
4. FOR CDOT ENCUMBRANCE PURPOSES				
a. Total Encumbrance Amount				\$2,000,000.00
b. Less ROW Acquisition 3111 and/or ROW Relocation 3109				\$0.00
Net to be encumbered as follows:				\$2,000,000.00
<i>Note: No funds are currently available. Design and Construction funds will become available after execution of an Option letter (Exhibit B) or formal Amendment.</i>				
WBS Element 23584.10.30	Performance Period Start*/End Date TBD / TBD	Design	3020	\$0.00
WBS Element 23584.20.10	TBD / TBD	Const.	3301	\$0.00

*The Local Agency should not begin work until all three of the following are in place:

- 1) Phase Performance Period Start Date; 2) The execution of the document encumbering funds for the respective phase; and 3) Local Agency receipt of the official Notice to Proceed. Any work performed before these three (3) milestones are achieved will not be reimbursable.

B. Matching Funds

The matching ratio for the federal participating funds for this Work is 90.00% federal-aid funds to 10.00% Local Agency funds, it being understood that such ratio applies only to the \$2,000,000.00 that is eligible for federal participation, it being further understood that all non-participating costs are borne by the Local Agency at 100%. If the total participating cost of performance of the Work exceeds \$2,000,000.00, and additional federal funds are made available for the Work, the Local Agency shall pay 10.00% of all such costs eligible for federal participation and 100% of all non-participating costs; if additional federal funds are not made available, the Local Agency shall pay all such excess costs. If the total participating cost of performance of the Work is less than \$2,000,000.00, then the amounts of Local Agency and federal-aid funds will be decreased in accordance with the funding ratio described herein. The performance of the Work shall be at no cost to the State.

C. Maximum Amount Payable

The maximum amount payable to the Local Agency under this Agreement shall be \$1,800,000.00 (for CDOT accounting purposes, the federal funds of \$1,800,000.00 and the Local Agency matching funds of \$200,000.00 will be encumbered for a total encumbrance of \$2,000,000.00), unless such amount is increased by an appropriate written modification to this Agreement executed before any increased cost is incurred. It is understood and agreed by the parties hereto that the total cost of the Work stated hereinbefore is the best estimate available, based on the design data as approved at the time of execution of this Agreement, and that such cost is subject to revisions (in accord with the procedure in the previous sentence) agreeable to the parties prior to bid and award.

The maximum amount payable shall be reduced without amendment when the actual amount of the Local Agency's awarded contract is less than the budgeted total of the federal participating funds and the Local Agency matching funds. The maximum amount payable shall be reduced through the execution of an Option Letter as described in Section 7. E. of this contract.

D. Single Audit Act Amendment

All state and local government and non-profit organizations receiving more than \$750,000 from all funding sources defined as federal financial assistance for Single Audit Act Amendment purposes shall comply with the audit requirements of 2 CFR part 200, subpart F (Audit Requirements) see also, 49 C.F.R. 18.20 through 18.26. The Single Audit Act Amendment requirements applicable to the Local Agency receiving federal funds are as follows:

i. Expenditure less than \$750,000

If the Local Agency expends less than \$750,000 in Federal funds (all federal sources, not just Highway funds) in its fiscal year then this requirement does not apply.

ii. Expenditure of \$750,000 or more-Highway Funds Only

If the Local Agency expends \$750,000 or more, in Federal funds, but only received federal Highway funds (Catalog of Federal Domestic Assistance, CFDA 20.205) then a program specific audit shall be performed. This audit will examine the "financial" procedures and processes for this program area.

iii. Expenditure of \$750,000 or more-Multiple Funding Sources

If the Local Agency expends \$750,000 or more in Federal funds, and the Federal funds are from multiple sources (FTA, HUD, NPS, etc.) then the Single Audit Act applies, which is an audit on the entire organization/entity.

iv. Independent CPA

Single Audit shall only be conducted by an independent CPA, not by an auditor on staff. An audit is an allowable direct or indirect cost.

EXHIBIT D

LOCAL AGENCY RESOLUTION

ORDINANCE NO. 9889

AN ORDINANCE APPROVING AN AGREEMENT WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT), ACCEPTING A GRANT FROM THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) IN THE AMOUNT OF \$1,800,000, AND BUDGETING AND APPROPRIATING THE GRANT FUNDS INTO PROJECT CI1819 – EAGLERIDGE AND DILLON DESIGN

BE IT ORDAINED BY THE CITY COUNCIL OF PUEBLO, that:

SECTION 1.

The Grant Agreement by and between the Colorado Department of Transportation, and the City of Pueblo, a Municipal Corporation, relating to the Pueblo Eagleridge and Dillon Roundabout, a true copy of which is attached hereto (the "Grant Agreement"), having been approved as to form by the City Attorney, is hereby accepted and approved.

SECTION 2.

The Mayor is authorized to execute the Grant Agreement in the name of the City of Pueblo, and the City Clerk is authorized to affix the seal of the City thereto and attest same.

SECTION 3.

The grant amount of \$1,800,000.00 is budgeted and appropriated to Capital Project No. CI1819. Total Project amount will be \$2,050,000.00

SECTION 3.

The officers and staff of the City are authorized to perform any and all acts consistent with the intent of this Ordinance and the attached Grant Agreement to implement the transactions described therein.

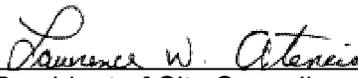
SECTION 4.

This Ordinance shall become effective on the date of final action by the Mayor and City Council.

Action by City Council:

Introduced and initial adoption of Ordinance by City Council on February 22, 2021.

Final adoption of Ordinance by City Council on March 8, 2021.



President of City Council

Action by the Mayor:

- Approved on March 10, 2021.
- Disapproved on _____ based on the following objections:

Hilda Leal

 Mayor

Action by City Council After Disapproval by the Mayor:

- Council did not act to override the Mayor's veto.
- Ordinance re-adopted on a vote of _____, on _____
- Council action on _____ failed to override the Mayor's veto.

 President of City Council

ATTEST

Brenda Armijo

 City Clerk

EXHIBIT E LOCAL AGENCY AGREEMENT ADMINISTRATION CHECKLIST

COLORADO DEPARTMENT OF TRANSPORTATION LOCAL AGENCY CONTRACT ADMINISTRATION CHECKLIST			
Project No. M086-084	STIP No. SR26644	Project Code 23584	Region 2
Project Location Intersection of Dillon Dr. and Eagleridge Blvd.			Date 3/16/2020
Project Description Dillon and Eagleridge Roundabout			
Local Agency City of Pueblo		Local Agency Project Manager Melanie Turner	
CDOT Resident Engineer Lachelle Davis		CDOT Project Manager Don Scanga	
INSTRUCTIONS:			
This checklist shall be utilized to establish the contract administration responsibilities of the individual parties to this agreement. The checklist becomes an attachment to the Local Agency agreement. Section numbers correspond to the applicable chapters of the <i>CDOT Local Agency Manual</i> .			
The checklist shall be prepared by placing an "X" under the responsible party, opposite each of the tasks. The "X" denotes the party responsible for initiating and executing the task. Only one responsible party should be selected. When neither CDOT nor the Local Agency is responsible for a task, not applicable (NA) shall be noted. In addition, a "#" will denote that CDOT must concur or approve.			
Tasks that will be performed by Headquarters staff will be indicated. The Regions, in accordance with established policies and procedures, will determine who will perform all other tasks that are the responsibility of CDOT.			
The checklist shall be prepared by the CDOT Resident Engineer or the CDOT Project Manager, in cooperation with the Local Agency Project Manager, and submitted to the Region Program Engineer. If contract administration responsibilities change, the CDOT Resident Engineer, in cooperation with the Local Agency Project Manager, will prepare and distribute a revised checklist.			
Note: Failure to comply with applicable Federal and State requirements may result in the loss of Federal or State participation in funding.			

NO.	DESCRIPTION OF TASK	RESPONSIBLE PARTY	
		LA	CDOT
TIP / STIP AND LONG-RANGE PLANS			
2.1	Review Project to ensure it is consist with STIP and amendments thereto		X
FEDERAL FUNDING OBLIGATION AND AUTHORIZATION			
4.1	Authorize funding by phases (CDOT Form 418 - Federal-aid Program Data. Requires FHWA concurrence/involvement)		X
PROJECT DEVELOPMENT			
5.1	Prepare Design Data - CDOT Form 463	X	X
5.2	Prepare Local Agency/CDOT Inter-Governmental Agreement (see also Chapter 3)		X
5.3	Conduct Consultant Selection/Execute Consultant Agreement	X	
5.4	Conduct Design Scoping Review Meeting	X	
5.5	Conduct Public Involvement	X	
5.6	Conduct Field Inspection Review (FIR)	X	
5.7	Conduct Environmental Processes (may require FHWA concurrence/involvement)	X	
5.8	Acquire Right-of-Way (may require FHWA concurrence/involvement)	X	
5.9	Obtain Utility and Railroad Agreements	X	
5.10	Conduct Final Office Review (FOR)	X	
5.11	Justify Force Account Work by the Local Agency	X	

NO.	DESCRIPTION OF TASK	RESPONSIBLE PARTY	
		LA	CDOT
	A Professional Engineer (PE) registered in Colorado, who will be "in responsible charge of construction supervision." Melanie Turner, P.E. _____ 719-553-2283 Local Agency Professional Engineer or Phone number CDOT Resident Engineer	X	
	Provide competent, experienced staff who will ensure the Contract work is constructed in accordance with the plans and specifications	X	
	Construction inspection and documentation	X	
8.6	Approve Shop Drawings	X	
8.7	Perform Traffic Control Inspections	X	
8.8	Perform Construction Surveying	X	
8.9	Monument Right-of-Way	X	
8.10	Prepare and Approve Interim and Final Contractor Pay Estimates Provide the name and phone number of the person authorized for this task. Melanie Turner, P.E. _____ 719-553-2283 Local Agency Representative Phone number	X	
8.11	Prepare and Approve Interim and Final Utility and Railroad Billings	X	
8.12	Prepare and Authorize Change Orders	X	
8.13	Submit Change Order Package to CDOT	X	
8.14	Prepare Local Agency Reimbursement Requests	X	
8.15	Monitor Project Financial Status	X	
8.16	Prepare and Submit Monthly Progress Reports	X	
8.17	Resolve Contractor Claims and Disputes	X	
8.18	Conduct Routine and Random Project Reviews Provide the name and phone number of the person responsible for this task. Don Scanga _____ 719-546-5434 CDOT Resident Engineer Phone number		X
MATERIALS			
9.1	Discuss Materials at Pre-Construction Meeting • Buy America documentation required prior to installation of steel	X	
9.2	Complete CDOT Form 250 - Materials Documentation Record • Generate form, which includes determining the minimum number of required tests and applicable material submittals for all materials placed on the project • Update the form as work progresses • Complete and distribute form after work is completed	X X	X
9.3	Perform Project Acceptance Samples and Tests	X	
9.4	Perform Laboratory Verification Tests	X	
9.5	Accept Manufactured Products Inspection of structural components: • Fabrication of structural steel and pre-stressed concrete structural components • Bridge modular expansion devices (0" to 6" or greater) • Fabrication of bearing devices	X X X	
9.6	Approve Sources of Materials	X	
9.7	Independent Assurance Testing (IAT), Local Agency Procedures <input type="checkbox"/> CDOT Procedures X • Generate IAT schedule • Schedule and provide notification • Conduct IAT	X X X	
9.8	Approve mix designs • Concrete • Hot mix asphalt	X X	
9.9	Check Final Materials Documentation	X	
9.10	Complete and Distribute Final Materials Documentation	X	

NO.	DESCRIPTION OF TASK	RESPONSIBLE PARTY	
		LA	CDOT
CONSTRUCTION CIVIL RIGHTS AND LABOR COMPLIANCE			
10.1	Fulfill Project Bulletin Board and Pre-Construction Packet Requirements	X	
10.2	Process CDOT Form 205 - Sublet Permit Application Review and sign completed CDOT Form 205 for each subcontractor, and submit to EEO/Civil Rights Specialist	X	
10.3	Conduct Equal Employment Opportunity and Labor Compliance Verification Employee Interviews. Complete CDOT Form 280	X	
10.4	Monitor Disadvantaged Business Enterprise Participation to Ensure Compliance with the "Commercially Useful Function" Requirements	X	
10.5	Conduct Interviews When Project Utilizes On-the-Job Trainees. Complete CDOT Form 200 - OJT Training Questionnaire	X	
10.6	Check Certified Payrolls (Contact the Region EEO/Civil Rights Specialists for training requirements.)	X	
10.7	Submit FHWA Form 1391 - Highway Construction Contractor's Annual EEO Report	X	
FINALS			
11.1	Conduct Final Project Inspection. Complete and submit CDOT Form 1212 - Final Acceptance Report (Resident Engineer with mandatory Local Agency participation.)		X
11.2	Write Final Project Acceptance Letter	X	
11.3	Advertise for Final Settlement	X	
11.4	Prepare and Distribute Final As-Constructed Plans	X	
11.5	Prepare EEO Certification	X	
11.6	Check Final Quantities, Plans, and Pay Estimate; Check Project Documentation; and submit Final Certifications	X	
11.7	Check Material Documentation and Accept Final Material Certification (See Chapter 9)	X	
11.8	Obtain CDOT Form 17 from the Contractor and Submit to the Resident Engineer	X	
11.9	Obtain FHWA Form 47 - Statement of Materials and Labor Used ... from the Contractor	X	
11.10	Complete and Submit CDOT Form 1212 – Final Acceptance Report (by CDOT)		X
11.11	Process Final Payment		X
11.12	Complete and Submit CDOT Form 950 - Project Closure		X
11.13	Retain Project Records for Six Years from Date of Project Closure		X
11.14	Retain Final Version of Local Agency Contract Administration Checklist	X	

cc: CDOT Resident Engineer/Project Manager
CDOT Region Program Engineer
CDOT Region EEO/Civil Rights Specialist
CDOT Region Materials Engineer
CDOT Contracts and Market Analysis Branch
Local Agency Project Manager

EXHIBIT F
CERTIFICATION FOR FEDERAL-AID CONTRACTS

The Local Agency certifies, by signing this Agreement, to the best of its knowledge and belief, that:

No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, Agreement, loan, or cooperative agreement.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer of Congress, or an employee of a Member of Congress in connection with this Federal contract, Agreement, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

EXHIBIT G
DISADVANTAGED BUSINESS ENTERPRISE

SECTION 1. Policy.

It is the policy of the Colorado Department of Transportation (CDOT) that disadvantaged business enterprises shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds under this agreement, pursuant to 49 CFR Part 26. Consequently, the 49 CFR Part IE DBE requirements the Colorado Department of Transportation DBE Program (or a Local Agency DBE Program approved in advance by the State) apply to this agreement.

SECTION 2. DBE Obligation.

The recipient or its the Local Agency agrees to ensure that disadvantaged business enterprises as determined by the Office of Certification at the Colorado Department of Regulatory Agencies have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided under this agreement. In this regard, all participants or contractors shall take all necessary and reasonable steps in accordance with the CDOT DBE program (or a Local Agency DBE Program approved in advance by the State) to ensure that disadvantaged business enterprises have the maximum opportunity to compete for and perform contracts. Recipients and their contractors shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of CDOT assisted contracts.

SECTION 3 DBE Program.

The Local Agency (sub-recipient) shall be responsible for obtaining the Disadvantaged Business Enterprise Program of the Colorado Department of Transportation, 1988, as amended, and shall comply with the applicable provisions of the program. (If applicable).

A copy of the DBE Program is available from and will be mailed to the Local Agency upon request: Business Programs Office

Colorado Department of Transportation 2829 West Howard Place

Denver, Colorado 80204

Phone: (303) 757-9007

REVISED 1/22/98

REQUIRED BY 49 CFR PART 26

EXHIBIT H

LOCAL AGENCY PROCEDURES FOR CONSULTANT SERVICES

Title 23 Code of Federal Regulations (CFR) 172 applies to a federally funded Local Agency project agreement administered by CDOT that involves professional consultant services. 23 CFR 172.1 states “The policies and procedures involve federally funded contracts for engineering and design related services for projects subject to the provisions of 23 U.S.C. 112(a) and are issued to ensure that a qualified consultant is obtained through an equitable selection process, that prescribed work is properly accomplished in a timely manner, and at fair and reasonable cost” and according to 23 CFR 172.5 “Price shall not be used as a factor in the analysis and selection phase.” Therefore, local agencies must comply with these CFR requirements when obtaining professional consultant services under a federally funded consultant contract administered by CDOT.

CDOT has formulated its procedures in Procedural Directive (P.D.) 400.1 and the related operations guidebook titled "Obtaining Professional Consultant Services". This directive and guidebook incorporate requirements from both Federal and State regulations, i.e., 23 CFR 172 and CRS §24-30-1401 et seq. Copies of the directive and the guidebook may be obtained upon request from CDOT's Agreements and Consultant Management Unit. [Local agencies should have their own written procedures on file for each method of procurement that addresses the items in 23 CFR 172].

Because the procedures and laws described in the Procedural Directive and the guidebook are quite lengthy, the subsequent steps serve as a short-hand guide to CDOT procedures that a Local Agency must follow in obtaining professional consultant services. This guidance follows the format of 23 CFR 172. The steps are:

1. The contracting Local Agency shall document the need for obtaining professional services.
2. Prior to solicitation for consultant services, the contracting Local Agency shall develop a detailed scope of work and a list of evaluation factors and their relative importance. The evaluation factors are those identified in C.R.S. 24-30-1403. Also, a detailed cost estimate should be prepared for use during negotiations.
3. The contracting agency must advertise for contracts in conformity with the requirements of C.R.S. 24-30-1405. The public notice period, when such notice is required, is a minimum of 15 days prior to the selection of the three most qualified firms and the advertising should be done in one or more daily newspapers of general circulation.
4. The Local Agency shall not advertise any federal aid contract without prior review by the CDOT Regional Civil Rights Office (RCRO) to determine whether the contract shall be subject to a DBE contract goal. If the RCRO determines a goal is necessary, then the Local Agency shall include the goal and the applicable provisions within the advertisement. The Local Agency shall not award a contract to any Contractor or Consultant without the confirmation by the CDOT Civil Rights and Business Resource Center that the Contractor or Consultant has demonstrated good faith efforts. The Local Agency shall work with the CDOT RCRO to ensure compliance with the established terms during the performance of the contract.
5. The Local Agency shall require that all contractors pay subcontractors for satisfactory performance of work no later than 30 days after the receipt of payment for that work from the contractor. For construction projects, this time period shall be reduced to seven days in accordance with Colorado Revised Statute 24-91-103(2). If the Local Agency withholds retainage from contractors and/or allows contractors to withhold retainage from subcontractors, such retainage provisions must comply with 49 CFR 26.29.
6. Payments to all Subconsultants shall be made within thirty days of receipt of payment from [the Local Agency] or no later than ninety days from the date of the submission of a complete invoice from the Subconsultant, whichever occurs first. If the Consultant has good cause to dispute an amount invoiced by a Subconsultant, the Consultant shall notify [the Local Agency] no later than the required date for payment. Such notification shall include the amount disputed and justification for the withholding. The Consultant shall maintain records of payment that show amounts paid to all Subconsultants. Good cause does not include the Consultant's failure to submit an invoice to the Local Agency or to deposit payments made.
7. The analysis and selection of the consultants shall be done in accordance with CRS §24-30-1403. This section of the regulation identifies the criteria to be used in the evaluation of CDOT pre-qualified prime consultants and their team. It also shows which criteria are used to short-list and to make a final selection.

The short-list is based on the following evaluation factors:

- a. Qualifications,

- b. Approach to the Work,
- c. Ability to furnish professional services.
- d. Anticipated design concepts, and
- e. Alternative methods of approach for furnishing the professional services. Evaluation factors for final selection are the consultant's:

- a. Abilities of their personnel,
- b. Past performance,
- c. Willingness to meet the time and budget requirement,
- d. Location,
- e. Current and projected work load,
- f. Volume of previously awarded contracts, and
- g. Involvement of minority consultants.

8. Once a consultant is selected, the Local Agency enters into negotiations with the consultant to obtain a fair and reasonable price for the anticipated work. Pre-negotiation audits are prepared for contracts expected to be greater than \$50,000. Federal reimbursements for costs are limited to those costs allowable under the cost principles of 48 CFR 31. Fixed fees (profit) are determined with consideration given to size, complexity, duration, and degree of risk involved in the work. Profit is in the range of six to 15 percent of the total direct and indirect costs.

9. A qualified Local Agency employee shall be responsible and in charge of the Work to ensure that the work being pursued is complete, accurate, and consistent with the terms, conditions, and specifications of the contract. At the end of Work, the Local Agency prepares a performance evaluation (a CDOT form is available) on the consultant.

CRS §§24-30-1401 THROUGH 24-30-1408, 23 CFR PART 172, AND P.D. 400.1, PROVIDE ADDITIONAL DETAILS FOR COMPLYING WITH THE PRECEEDING EIGHT (8) STEPS.

EXHIBIT I

FEDERAL-AID CONTRACT PROVISIONS FOR CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Government wide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design- build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension/debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60- 1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. **EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. **Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. **Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. **Training and Promotion:**

The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

a. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

b. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

c. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract.

The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt.

Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA- 1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account, assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally- assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis- Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements.

It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency.

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

- (i) That the payroll for the payroll period contains the information required to be provided under §5.5(a)(3)
 - (ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
- (ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
- (iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices.

Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity.

The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S.DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and

7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

- a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal- aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

- 1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
- 2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below.

The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
- g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph(a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

EXHIBIT J

ADDITIONAL FEDERAL REQUIREMENTS

Federal laws and regulations that may be applicable to the Work include:

Executive Order 11246

Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967 and as supplemented in Department of Labor regulations (41 CFR Chapter 60) (All construction contracts awarded in excess of \$10,000 by the Local Agencies and their contractors or the Local Agencies).

Copeland "Anti-Kickback" Act

The Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3) (All contracts and sub-Agreements for construction or repair).

Davis-Bacon Act

The Davis-Bacon Act (40 U.S.C. 276a to a-7) as supplemented by Department of Labor regulations (29 CFR Part 5) (Construction contracts in excess of \$2,000 awarded by the Local Agencies and the Local Agencies when required by Federal Agreement program legislation. This act requires that all laborers and mechanics employed by contractors or sub-contractors to work on construction projects financed by federal assistance must be paid wages not less than those established for the locality of the project by the Secretary of Labor).

Contract Work Hours and Safety Standards Act

Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). (Construction contracts awarded by the Local Agency's in excess of \$2,000, and in excess of \$2,500 for other contracts which involve the employment of mechanics or laborers).

Clear Air Act

Standards, orders, or requirements issued under section 306 of the Clear Air Act (42 U.S.C. 1857(h), section 508 of the Clean Water Act (33 U.S.C. 1368). Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15) (contracts, subcontracts, and sub-Agreements of amounts in excess of \$100,000).

Energy Policy and Conservation Act

Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163).

OMB Circulars

Office of Management and Budget Circulars A-87, A-21 or A-122, and A-102 or A-110, whichever is applicable.

Hatch Act

The Hatch Act (5 USC 1501-1508) and Public Law 95-454 Section 4728. These statutes state that federal funds cannot be used for partisan political purposes of any kind by any person or organization involved in the administration of federally-assisted programs.

Nondiscrimination

The Local Agency shall not exclude from participation in, deny the benefits of, or subject to discrimination any person in the United States on the ground of race, color national origin, sex, age or disability. Prior to the receipt of any Federal financial assistance from CDOT, the Local Agency shall execute the attached Standard DOT Title VI assurance. As appropriate, the Local Agency shall include Appendix A, B, or C to the Standard DOT Title VI assurance in any contract utilizing federal funds, land or other aid. The Local Agency shall also include the following in all contract advertisements:

The [Local Agency], in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (79 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, DBEs will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for any award.

ADA

In any contract utilizing federal funds, land, or other federal aid, the Local Agency shall require the federal-aid recipient or contractor to provide a statement of written assurance that they will comply with Section 504 and not discriminate on the basis of disability.

Uniform Relocation Assistance and Real Property Acquisition Policies Act

The Uniform Relocation Assistance and Real Property Acquisition Policies Act, as amended (Public Law 91-646, as amended and Public Law 100-17, 101 Stat. 246-256). (If the contractor is acquiring real property and displacing households or businesses in the performance of the Agreement).

Drug-Free Workplace Act

The Drug-Free Workplace Act (Public Law 100-690 Title V, subtitle D, 41 USC 701 et seq.).

Age Discrimination Act of 1975

The Age Discrimination Act of 1975, 42 U.S.C. Sections 6101 et. seq. and its implementing regulation, 45 C.F.R. Part 91; Section 504 of the Rehabilitation Act of 1973, 29 U.S.C. 794, as amended, and implementing regulation 45 C.F.R. Part 84.

23 C.F.R. Part 172

23 C.F.R. Part 172, concerning "Administration of Engineering and Design Related Contracts".

23 C.F.R Part 633

23 C.F.R Part 633, concerning "Required Contract Provisions for Federal-Aid Construction Contracts".

23 C.F.R. Part 635

23 C.F.R. Part 635, concerning "Construction and Maintenance Provisions".

Title VI of the Civil Rights Act of 1964 and 162(a) of the Federal Aid Highway Act of 1973

Title VI of the Civil Rights Act of 1964 and 162(a) of the Federal Aid Highway Act of 1973. The requirements for which are shown in the Nondiscrimination Provisions, which are attached hereto and made a part hereof.

Nondiscrimination Provisions:

In compliance with Title VI of the Civil Rights Act of 1964 and with Section 162(a) of the Federal Aid Highway Act of 1973, the Contractor, for itself, its assignees and successors in interest, agree as follows:

i. Compliance with Regulations

The Contractor will comply with the Regulations of the Department of Transportation relative to nondiscrimination in Federally assisted programs of the Department of Transportation (Title 49, Code of Federal Regulations, Part 21, hereinafter referred to as the "Regulations"), which are herein incorporated by reference and made a part of this Agreement.

ii. Nondiscrimination

The Contractor, with regard to the work performed by it after award and prior to completion of the contract work, will not discriminate on the ground of race, color, sex, mental or physical handicap or national origin in the selection and retention of Subcontractors, including procurement of materials and leases of equipment. The Contractor will not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix C of the Regulations.

iii. Solicitations for Subcontracts, Including Procurement of Materials and Equipment

In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurement of materials or equipment, each potential Subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, sex, mental or physical handicap or national origin.

iv. Information and Reports

The Contractor will provide all information and reports required by the Regulations, or orders and instructions issued pursuant thereto and will permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the State or the FHWA to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of the Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the State, or the FHWA as appropriate and shall set forth what efforts have been made to obtain the information.

v. Sanctions for Noncompliance

In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Agreement, the State shall impose such contract sanctions as it or the FHWA may determine to be appropriate, including, but not limited to: **a.** Withholding of payments to the Contractor under the contract until the Contractor complies, and/or **b.** Cancellation, termination or suspension of the contract, in whole or in part.

Incorporation of Provisions §22

The Contractor will include the provisions of this Exhibit J in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, orders, or instructions issued pursuant thereto. The Contractor will take such action with respect to any subcontract or procurement as the State or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that, in the event the Contractor becomes involved in, or is threatened with, litigation with a Subcontractor or supplier as a result of such direction, the Contractor may request the State to enter into such litigation to protect the interest of the State and in addition, the Contractor may request the FHWA to enter into such litigation to protect the interests of the United States.

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SAMPLE**The United States Department of Transportation (USDOT) Standard Title VI/Non-Discrimination****Assurances for Local Agencies****DOT Order No. 1050.2A**

The [Local Agency] (herein referred to as the "Recipient"), **HEREBY AGREES THAT**, as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation (DOT), through the Colorado Department of Transportation and the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and Federal Aviation Administration (FAA), is subject to and will comply with the following:

Statutory/Regulatory Authorities

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 C.F.R. Part 21 (entitled Non-discrimination In Federally-Assisted Programs Of The Department Of Transportation-Effectuation Of Title VI Of The Civil Rights Act Of 1964);
- 28 C.F.R. section 50.3 (U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964);

The preceding statutory and regulatory cites hereinafter are referred to as the "Acts" and "Regulations," respectively.

General Assurances

In accordance with the Acts, the Regulations, and other pertinent directives, circulars, policy, memoranda, and/or guidance, the Recipient hereby gives assurance that it will promptly take any measures necessary to ensure that:

"No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity, for which the Recipient receives Federal financial assistance from DOT, including the FHWA, FTA, or FAA.

The Civil Rights Restoration Act of 1987 clarified the original intent of Congress, with respect to Title VI and other Non-discrimination requirements (The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973), by restoring the broad, institutional-wide scope and coverage of these non-discrimination statutes and requirements to include all programs and activities of the Recipient, so long as any portion of the program is Federally assisted.

Specific Assurances

More specifically, and without limiting the above general Assurance, the Recipient agrees with and gives the following Assurances with respect to its Federally assisted FHWA, FTA, and FAA assisted programs:

1. The Recipient agrees that each "activity," "facility," or "program," as defined in §§ 21.23(b) and 21.23(e) of 49 C.F.R. § 21 will be (with regard to an "activity") facilitated, or will be (with regard to a "facility") operated, or will be (with regard to a "program") conducted in compliance with all requirements imposed by, or pursuant to the Acts and the Regulations.
2. The Recipient will insert the following notification in all solicitations for bids, Requests For Proposals for work, or material subject to the Acts and the Regulations made in connection with all FHWA, FTA and FAA programs and, in adapted form, in all proposals for negotiated agreements regardless of funding source:
3. "The [Local Agency] in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity

4. to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award."
5. The Recipient will insert the clauses of Appendix A and E of this Assurance in every contract or agreement subject to the Acts and the Regulations.
6. The Recipient will insert the clauses of Appendix B of this Assurance, as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a Recipient.
7. That where the Recipient receives Federal financial assistance to construct a facility, or part of a facility, the Assurance will extend to the entire facility and facilities operated in connection therewith.
8. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the Assurance will extend to rights to space on, over, or under such property.
9. That the Recipient will include the clauses set forth in Appendix C and Appendix D of this Assurance, as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by the Recipient with other parties:
 - a. for the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
 - b. for the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.
10. That this Assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the Assurance obligates the Recipient, or any transferee for the longer of the following periods:
 - a. the period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or
 - b. the period during which the Recipient retains ownership or possession of the property.
11. The Recipient will provide for such methods of administration for the program as are found by the Secretary of Transportation or the official to whom he/she delegates specific authority to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Acts, the Regulations, and this Assurance.
12. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Acts, the Regulations, and this Assurance.

By signing this ASSURANCE, the [Local Agency] also agrees to comply (and require any sub-recipients, sub-grantees, contractors, successors, transferees, and/or assignees to comply) with all applicable provisions governing the FHWA, FTA, and FAA's access to records, accounts, documents, information, facilities, and staff. You also recognize that you must comply with any program or compliance reviews, and/or complaint investigations conducted by CDOT, FHWA, FTA, or FAA. You must keep records, reports, and submit the material for review

upon request to CDOT, FHWA, FTA, or FAA, or its designee in a timely, complete, and accurate way. Additionally, you must comply with all other reporting, data collection, and evaluation requirements, as prescribed by law or detailed in program guidance.

[Local Agency] gives this ASSURANCE in consideration of and for obtaining any Federal grants, loans, contracts, agreements, property, and/or discounts, or other Federal-aid and Federal financial assistance extended after the date hereof to the recipients by the U.S. Department of Transportation under the FHWA, FTA, and FAA. This ASSURANCE is binding on [Local Agency], other recipients, sub-recipients, sub-grantees, contractors, subcontractors and their subcontractors', transferees, successors in interest, and any other participants in the FHWA, FTA, and FAA funded programs. The person(s) signing below is authorized to sign this ASSURANCE on behalf of the Recipient.

(Name of Recipient)

by _____
(Signature of Authorized Official)

DATED _____

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, FHWA, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the [Local Agency], CDOT or FHWA to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the [Local Agency], CDOT or FHWA, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the [Local Agency] will impose such contract sanctions as it, CDOT or FHWA may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the [Local Agency], CDOT or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

APPENDIX B

CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY

The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

NOW, THEREFORE, the U.S. Department of Transportation as authorized by law and upon the condition that the [Local Agency] will accept title to the lands and maintain the project constructed thereon in accordance with (*Name of Appropriate Legislative Authority*), the Regulations for the Administration of (*Name of Appropriate Program*), and the policies and procedures prescribed by the FHWA of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the [Local Agency] all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interests therein unto [Local Agency] and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the [Local Agency] its successors and assigns.

The [Local Agency], in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and]* (2) that the [Local Agency] will use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended [, and (3) that in the event of breach of any of the above-mentioned non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said land, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction].*

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX C

**CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE
ACTIVITY, FACILITY, OR PROGRAM**

The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the [Local Agency] pursuant to the provisions of Assurance 7(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:
 1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Non-discrimination covenants, [Local Agency] will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued. *
- C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the [Local Agency] will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the [Local Agency] and its assigns. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX D

**CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE
ACTIVITY, FACILITY OR PROGRAM**

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by [Local Agency] pursuant to the provisions of Assurance 7(b):

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, "as a covenant running with the land") that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, set forth in this Assurance.
- B. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above Non- discrimination covenants, [Local Agency] will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued. *
- C. With respect to deeds, in the event of breach of any of the above Non-discrimination covenants, [Local Agency] will there upon revert to and vest in and become the absolute property of [Local Agency] of Transportation and its assigns. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

EXHIBIT K
FFATA SUPPLEMENTAL FEDERAL PROVISIONS

State of Colorado
Supplemental Provisions for
Federally Funded Contracts, Grants, and Purchase Orders
Subject to
The Federal Funding Accountability and Transparency Act of 2006 (FFATA), As Amended
Revised as of 3-20-13

The contract, grant, or purchase order to which these Supplemental Provisions are attached has been funded, in whole or in part, with an Award of Federal funds. In the event of a conflict between the provisions of these Supplemental Provisions, the Special Provisions, the contract or any attachments or exhibits incorporated into and made a part of the contract, the provisions of these Supplemental Provisions shall control.

1. Definitions. For the purposes of these Supplemental Provisions, the following terms shall have the meanings ascribed to them below.

1.1. “Award” means an award of Federal financial assistance that a non-Federal Entity receives or administers in the form of:

- 1.1.1.** Grants;
- 1.1.2.** Contracts;
- 1.1.3.** Cooperative agreements, which do not include cooperative research and development agreements (CRDA) pursuant to the Federal Technology Transfer Act of 1986, as amended (15 U.S.C. 3710);
- 1.1.4.** Loans;
- 1.1.5.** Loan Guarantees;
- 1.1.6.** Subsidies;
- 1.1.7.** Insurance;
- 1.1.8.** Food commodities;
- 1.1.9.** Direct appropriations;
- 1.1.10.** Assessed and voluntary contributions; and
- 1.1.11.** Other financial assistance transactions that authorize the expenditure of Federal funds by non-Federal Entities.

Award *does not* include:

- 1.1.12.** Technical assistance, which provides services in lieu of money;
- 1.1.13.** A transfer of title to Federally-owned property provided in lieu of money; even if the award is called a grant;
- 1.1.14.** Any award classified for security purposes; or
- 1.1.15.** Any award funded in whole or in part with Recovery funds, as defined in section 1512 of the American Recovery and Reinvestment Act (ARRA) of 2009 (Public Law 111-5).

1.2. “Contract” means the contract to which these Supplemental Provisions are attached and includes all Award types in §1.1.1 through 1.1.11 above.

1.3. “Contractor” means the party or parties to a Contract funded, in whole or in part, with Federal financial assistance, other than the Prime Recipient, and includes grantees, subgrantees, Subrecipients, and borrowers. For purposes of Transparency Act reporting, Contractor does not include Vendors.

1.4. “Data Universal Numbering System (DUNS) Number” means the nine-digit number established and assigned by Dun and Bradstreet, Inc. to uniquely identify a business entity. Dun and Bradstreet’s website may be found at: <http://fedgov.dnb.com/webform>.

1.5. “Entity” means all of the following as defined at 2 CFR part 25, subpart C;

- 1.5.1.** A governmental organization, which is a State, local government, or Indian Tribe;
- 1.5.2.** A foreign public entity;
- 1.5.3.** A domestic or foreign non-profit organization;

- 1.5.4. A domestic or foreign for-profit organization; and
- 1.5.5. A Federal agency, but only a Subrecipient under an Award or Subaward to a non-Federal entity.
- 1.6. **“Executive”** means an officer, managing partner or any other employee in a management position.
- 1.7. **“Federal Award Identification Number (FAIN)”** means an Award number assigned by a Federal agency to a Prime Recipient.
- 1.8. **“FFATA”** means the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109- 282), as amended by §6202 of Public Law 110-252. FFATA, as amended, also is referred to as the “Transparency Act.”
- 1.9. **“Prime Recipient”** means a Colorado State agency or institution of higher education that receives an Award.
- 1.10. **“Subaward”** means a legal instrument pursuant to which a Prime Recipient of Award funds awards all or a portion of such funds to a Subrecipient, in exchange for the Subrecipient’s support in the performance of all or any portion of the substantive project or program for which the Award was granted.
- 1.11. **“Subrecipient”** means a non-Federal Entity (or a Federal agency under an Award or Subaward to a non-Federal Entity) receiving Federal funds through a Prime Recipient to support the performance of the Federal project or program for which the Federal funds were awarded. A Subrecipient is subject to the terms and conditions of the Federal Award to the Prime Recipient, including program compliance requirements. The term “Subrecipient” includes and may be referred to as Subgrantee.
- 1.12. **“Subrecipient Parent DUNS Number”** means the subrecipient parent organization’s 9-digit Data Universal Numbering System (DUNS) number that appears in the subrecipient’s System for Award Management (SAM) profile, if applicable.
- 1.13. **“Supplemental Provisions”** means these Supplemental Provisions for Federally Funded Contracts, Grants, and Purchase Orders subject to the Federal Funding Accountability and Transparency Act of 2006, As Amended, as may be revised pursuant to ongoing guidance from the relevant Federal or State of Colorado agency or institution of higher education.
- 1.14. **“System for Award Management (SAM)”** means the Federal repository into which an Entity must enter the information required under the Transparency Act, which may be found at <http://www.sam.gov>.
- 1.15. **“Total Compensation”** means the cash and noncash dollar value earned by an Executive during the Prime Recipient’s or Subrecipient’s preceding fiscal year and includes the following:
- 1.15.1. Salary and bonus;
 - 1.15.2. Awards of stock, stock options, and stock appreciation rights, using the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2005) (FAS 123R), Shared Based Payments;
 - 1.15.3. Earnings for services under non-equity incentive plans, not including group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of Executives and are available generally to all salaried employees;
 - 1.15.4. Change in present value of defined benefit and actuarial pension plans;
 - 1.15.5. Above-market earnings on deferred compensation which is not tax-qualified;
 - 1.15.6. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the Executive exceeds \$10,000.
- 1.16. **“Transparency Act”** means the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109-282), as amended by §6202 of Public Law 110-252. The Transparency Act also is referred to as FFATA.
- 1.17 **“Vendor”** means a dealer, distributor, merchant or other seller providing property or services required for a project or program funded by an Award. A Vendor is not a Prime Recipient or a Subrecipient and is not subject to the terms and conditions of the Federal award. Program compliance requirements do not pass through to a Vendor.

2. **Compliance.** Contractor shall comply with all applicable provisions of the Transparency Act and the regulations issued pursuant thereto, including but not limited to these Supplemental Provisions. Any revisions to such provisions or regulations shall automatically become a part of these Supplemental Provisions, without the necessity of either party executing any further instrument. The State of Colorado may provide written notification to Contractor of such revisions, but such notice shall not be a condition precedent to the effectiveness of such revisions.
3. **System for Award Management (SAM) and Data Universal Numbering System (DUNS) Requirements.**
 - 3.1. **SAM.** Contractor shall maintain the currency of its information in SAM until the Contractor submits the final financial report required under the Award or receives final payment, whichever is later. Contractor shall review and update SAM information at least annually after the initial registration, and more frequently if required by changes in its information.
 - 3.2. **DUNS.** Contractor shall provide its DUNS number to its Prime Recipient, and shall update Contractor's information in Dun & Bradstreet, Inc. at least annually after the initial registration, and more frequently if required by changes in Contractor's information.
4. **Total Compensation.** Contractor shall include Total Compensation in SAM for each of its five most highly compensated Executives for the preceding fiscal year if:
 - 4.1. The total Federal funding authorized to date under the Award is \$25,000 or more; and
 - 4.2. In the preceding fiscal year, Contractor received:
 - 4.2.1. 80% or more of its annual gross revenues from Federal procurement contracts and subcontracts and/or Federal financial assistance Awards or Subawards subject to the Transparency Act; and
 - 4.2.2. \$25,000,000 or more in annual gross revenues from Federal procurement contracts and subcontracts and/or Federal financial assistance Awards or Subawards subject to the Transparency Act; and
 - 4.3. The public does not have access to information about the compensation of such Executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d) or § 6104 of the Internal Revenue Code of 1986.
5. **Reporting.** Contractor shall report data elements to SAM and to the Prime Recipient as required in §7 below if Contractor is a Subrecipient for the Award pursuant to the Transparency Act. No direct payment shall be made to Contractor for providing any reports required under these Supplemental Provisions and the cost of producing such reports shall be included in the Contract price. The reporting requirements in §7 below are based on guidance from the US Office of Management and Budget (OMB), and as such are subject to change at any time by OMB. Any such changes shall be automatically incorporated into this Contract and shall become part of Contractor's obligations under this Contract, as provided in §2 above. The Colorado Office of the State Controller will provide summaries of revised OMB reporting requirements at <http://www.colorado.gov/dpa/dfp/sco/FFATA.htm>.
6. **Effective Date and Dollar Threshold for Reporting.** The effective date of these Supplemental Provisions apply to new Awards as of October 1, 2010. Reporting requirements in §7 below apply to new Awards as of October 1, 2010, if the initial award is \$25,000 or more. If the initial Award is below \$25,000 but subsequent Award modifications result in a total Award of \$25,000 or more, the Award is subject to the reporting requirements as of the date the Award exceeds \$25,000. If the initial Award is \$25,000 or more, but funding is subsequently de-obligated such that the total award amount falls below \$25,000, the Award shall continue to be subject to the reporting requirements.
7. **Subrecipient Reporting Requirements.** If Contractor is a Subrecipient, Contractor shall report as set forth below.

7.1 To SAM. A Subrecipient shall register in SAM and report the following data elements in SAM *for each* Federal Award Identification Number no later than the end of the month following the month in which the Subaward was made:

- 7.1.1** Subrecipient DUNS Number;
- 7.1.2** Subrecipient DUNS Number + 4 if more than one electronic funds transfer (EFT) account;
- 7.1.3** Subrecipient Parent DUNS Number;
- 7.1.4** Subrecipient's address, including: Street Address, City, State, Country, Zip + 4, and Congressional District;
- 7.1.5** Subrecipient's top 5 most highly compensated Executives if the criteria in §4 above are met; and
- 7.1.6** Subrecipient's Total Compensation of top 5 most highly compensated Executives if criteria in §4 above met.

7.2 To Prime Recipient. A Subrecipient shall report to its Prime Recipient, upon the effective date of the Contract, the following data elements:

- 7.2.1** Subrecipient's DUNS Number as registered in **SAM**.
- 7.2.2** Primary Place of Performance Information, including: Street Address, City, State, Country, Zip code + 4, and Congressional District.

8. Exemptions.

- 8.1.** These Supplemental Provisions do not apply to an individual who receives an Award as a natural person, unrelated to any business or non-profit organization he or she may own or operate in his or her name.
- 8.2** A Contractor with gross income from all sources of less than \$300,000 in the previous tax year is exempt from the requirements to report Subawards and the Total Compensation of its most highly compensated Executives.
- 8.3** Effective October 1, 2010, "Award" currently means a grant, cooperative agreement, or other arrangement as defined in Section 1.1 of these Special Provisions. On future dates "Award" may include other items to be specified by OMB in policy memoranda available at the OMB Web site; Award also will include other types of Awards subject to the Transparency Act.
- 8.4** There are no Transparency Act reporting requirements for Vendors.

Event of Default. Failure to comply with these Supplemental Provisions shall constitute an event of default under the Contract and the State of Colorado may terminate the Contract upon 30 days prior written notice if the default remains uncured five calendar days following the termination of the 30 day notice period. This remedy will be in addition to any other remedy available to the State of Colorado under the Contract, at law or in equity.

EXHIBIT L

SAMPLE SUBRECIPIENT MONITORING AND RISK ASSESSMENT

CDOT SUBRECIPIENT RISK ASSESSMENT		Date: 		
Name of Entity (Subrecipient):				
Name of Project / Program:				
Estimated Award Period:				
Entity Executive Director or VP:				
Entity Chief Financial Officer:				
Entity Representative for this Self Assessment:				
Instructions: (See "Instructions" tab for more information) 1. Check only one box for each question. All questions are required to be answered. 2. Utilize the "Comment" section below the last question for additional responses. 3. When complete, check the box at the bottom of the form to authorize.		Yes	No	N/A
EXPERIENCE ASSESSMENT		Yes	No	N/A
1 Is your entity new to operating or managing federal funds (has not done so within the past three years)?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Is this funding program new for your entity (managed for less than three years)? <i>Examples of funding programs include CMAQ, TAP, STP-M, etc.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Does your staff assigned to the program have at least three full years of experience with this federal program?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MONITORING/AUDIT ASSESSMENT		Yes	No	N/A
4 Has your entity had an on-site project or grant review from an external entity (e.g., CDOT, FHWA) within the last three years?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 a) Were there non-compliance issues in this prior review?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) What were the number and extent of issues in prior review?		<input type="checkbox"/> <small>1 to 2</small>	<input type="checkbox"/> <small>>3</small>	<input type="checkbox"/>
OPERATION ASSESSMENT		Yes	No	N/A
6 Does your entity have a time and effort reporting system in place to account for 100% of all employees' time, that can provide a breakdown of the actual time spent on each funded project? <i>If No, in the comment section please explain how you intend to document 100% of hours worked by employees and breakdown of time spent on each funding project.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINANCIAL ASSESSMENT		Yes	No	N/A
7 a) Does your entity have an indirect cost rate that is approved and current?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) If Yes, who approved the rate, and what date was it approved?				
8 Is this grant/award 10% or more of your entity's overall funding?		<input type="checkbox"/> <small>>10%</small>	<input type="checkbox"/> <small><10%</small>	<input type="checkbox"/>
9 Has your entity returned lapsed* funds? *Funds "lapse" when they are no longer available for obligation.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 Has your entity had difficulty meeting local match requirements in the last three years?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 What is the total federal funding your entity has been awarded for the last federal fiscal year, and what is your entity's fiscal year end?				

INTERNAL CONTROLS ASSESSMENT		Yes	No	N/A
12	Has your entity had any significant changes in key personnel or accounting system(s) in the last year? (e.g., Controller, Exec Director, Program Mgr, Accounting Mgr, etc.) If Yes, in the comment section, please identify the accounting system(s), and / or list personnel positions and identify any that are vacant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Does your entity have financial procedures and controls in place to accommodate a federal-aid project?	<input type="checkbox"/>	<input type="checkbox"/>	
14	Does your accounting system identify the receipts and expenditures of program funds separately for each award?	<input type="checkbox"/>	<input type="checkbox"/>	
15	Will your accounting system provide for the recording of expenditures for each award by the budget cost categories shown in the approved budget?	<input type="checkbox"/>	<input type="checkbox"/>	
16	Does your agency have a review process for all expenditures that will ensure that all costs are reasonable, allowable and allocated correctly to each funding source? If Yes, in the comment section, please explain your current process for reviewing costs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	How many total FTE perform accounting functions within your organization?	<input type="checkbox"/> ≥ 6	<input type="checkbox"/> 2 to 5	<input type="checkbox"/> < 2
IMPACT ASSESSMENT		Yes	No	N/A
18	For this upcoming federal award or in the immediate future, does your entity have any potential conflicts of interest* in accordance with applicable Federal awarding agency policy? If Yes, please disclose these conflicts in writing, along with supporting information, and submit with this form. (*Any practices, activities or relationships that reasonably appear to be in conflict with the full performance of the Subrecipient's obligations to the State.)	<input type="checkbox"/>	<input type="checkbox"/>	
19	For this award, has your entity disclosed to CDOT, in writing, violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the award? Response options: YES = Check if have one or more violation(s) and have either disclosed previously to CDOT or as part of this form. In the comment section, list all violations with names of supporting documentation and submit with this form. NO = Check if have one or more violation(s) and have not disclosed previously or will not disclose as part of this form. Explain in the comment section. N/A = Check if have no violations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROGRAM MANAGEMENT ASSESSMENT		Yes	No	N/A
20	Does your entity have a written process/procedure or certification statement approved by your governing board ensuring critical project personnel are capable of effectively managing Federal-aid projects? If Yes, please submit with this form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Does your entity have written procurement policies or certification statement for consultant selection approved by your governing board in compliance with 23 CFR 172*? If Yes, please submit with this form. (*The Brooks Act requires agencies to promote open competition by advertising, ranking, selecting, and negotiating contracts based on demonstrated competence and qualifications, at a fair and reasonable price.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	a) Is your staff familiar with the relevant CDOT manuals and federal program requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b) Does your entity have a written policy or a certification statement approved by your governing board assuring federal-aid projects will receive adequate inspections? If Yes, please submit with this form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c) Does your entity have a written process or a certification statement approved by your governing board assuring a contractor's work will be completed in conformance with approved plans and specifications? If Yes, please submit with this form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

d) Does your entity have a written policy or certification statement approved by your governing board assuring that materials installed on the projects are sampled and tested per approved processes. <i>If Yes, please submit with this form.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Does your entity have a written policy or certification statement approved by your governing board assuring that only US manufactured steel will be incorporated into the project (<i>Buy America requirements</i>)? <i>If Yes, please submit with this form.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments - As needed, include the question number and provide comments related to the above questions. Insert additional rows as needed.</p>			
<p><input type="checkbox"/> By checking this box, the Executive Director, VP or Chief Financial Officer of this entity certifies that all information provided on this form is true and correct.</p> <p> <small>Tool Version: v2.0 (081816)</small></p>			

**EXHIBIT M - OMB Uniform Guidance for Federal
Awards Subject to
The Office of Management and Budget Uniform Administrative Requirements, Cost Principles, and Audit
Requirements for Federal Awards (“Uniform Guidance”),
Federal Register, Vol. 78, No. 248, 78590**

The agreement to which these Uniform Guidance Supplemental Provisions are attached has been funded, in whole or in part, with an award of Federal funds. In the event of a conflict between the provisions of these Supplemental Provisions, the Special Provisions, the agreement or any attachments or exhibits incorporated into and made a part of the agreement, the provisions of these Uniform Guidance Supplemental Provisions shall control. In the event of a conflict between the provisions of these Supplemental Provisions and the FFATA Supplemental Provisions, the FFATA Supplemental Provisions shall control.

- 9. Definitions.** For the purposes of these Supplemental Provisions, the following terms shall have the meanings ascribed to them below.
- 9.1. “Award”** means an award by a Recipient to a Subrecipient funded in whole or in part by a Federal Award. The terms and conditions of the Federal Award flow down to the Award unless the terms and conditions of the Federal Award specifically indicate otherwise. 2 CFR §200.38
 - 9.2. “Federal Award”** means an award of Federal financial assistance or a cost-reimbursement contract under the Federal Acquisition Requirements by a Federal Awarding Agency to a Recipient. “Federal Award” also means an agreement setting forth the terms and conditions of the Federal Award. The term does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal program.
 - 9.3. “Federal Awarding Agency”** means a Federal agency providing a Federal Award to a Recipient. 2 CFR §200.37
 - 9.4. “FFATA”** means the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109-282), as amended by §6202 of Public Law 110-252.
 - 9.5. “Grant” or “Grant Agreement”** means an agreement setting forth the terms and conditions of an Award. The term does not include an agreement that provides only direct Federal cash assistance to an individual, a subsidy, a loan, a loan guarantee, insurance, or acquires property or services for the direct benefit of use of the Federal Awarding Agency or Recipient. 2 CFR §200.51.
 - 9.6. “OMB”** means the Executive Office of the President, Office of Management and Budget.
 - 9.7. “Recipient”** means a Colorado State department, agency or institution of higher education that receives a Federal Award from a Federal Awarding Agency to carry out an activity under a Federal program. The term does not include Subrecipients. 2 CFR §200.86
 - 9.8. “State”** means the State of Colorado, acting by and through its departments, agencies and institutions of higher education.
 - 9.9. “Subrecipient”** means a non-Federal entity receiving an Award from a Recipient to carry out part of a Federal program. The term does not include an individual who is a beneficiary of such program.
 - 9.10. “Uniform Guidance”** means the Office of Management and Budget Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which supersedes requirements from OMB Circulars A-21, A-87, A-110, and A-122, OMB Circulars A-89, A-102, and A-133, and the guidance in Circular A-50 on Single Audit Act follow-up. The terms and conditions of the Uniform Guidance flow down to Awards to Subrecipients unless the Uniform Guidance or the terms and conditions of the Federal Award specifically indicate otherwise.
 - 9.11. “Uniform Guidance Supplemental Provisions”** means these Supplemental Provisions for Federal Awards subject to the OMB Uniform Guidance, as may be revised pursuant to ongoing guidance from relevant Federal agencies or the Colorado State Controller.
- 10. Compliance.** Subrecipient shall comply with all applicable provisions of the Uniform Guidance, including but not limited to these Uniform Guidance Supplemental Provisions. Any revisions to such provisions

automatically shall become a part of these Supplemental Provisions, without the necessity of either party executing any further instrument. The State of Colorado may provide written notification to Subrecipient of such revisions, but such notice shall not be a condition precedent to the effectiveness of such revisions.

11. Procurement Standards.

- 3.1 Procurement Procedures.** Subrecipient shall use its own documented procurement procedures which reflect applicable State, local, and Tribal laws and regulations, provided that the procurements conform to applicable Federal law and the standards identified in the Uniform Guidance, including without limitation, §§200.318 through 200.326 thereof.
- 3.2 Procurement of Recovered Materials.** If Subrecipient is a State Agency or an agency of a political subdivision of a state, its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.
- 4. Access to Records.** Subrecipient shall permit Recipient and auditors to have access to Subrecipient's records and financial statements as necessary for Recipient to meet the requirements of §200.331 (Requirements for pass-through entities), §§200.300 (Statutory and national policy requirements) through 200.309 (Period of performance), and Subpart F-Audit Requirements of the Uniform Guidance. 2 CFR §200.331(a)(5).
- 5. Single Audit Requirements.** If Subrecipient expends \$750,000 or more in Federal Awards during Subrecipient's fiscal year, Subrecipient shall procure or arrange for a single or program-specific audit conducted for that year in accordance with the provisions of Subpart F-Audit Requirements of the Uniform Guidance, issued pursuant to the Single Audit Act Amendments of 1996, (31 U.S.C. 7501-7507). 2 CFR §200.501.
- 5.1 Election.** Subrecipient shall have a single audit conducted in accordance with Uniform Guidance §200.514 (Scope of audit), except when it elects to have a program-specific audit conducted in accordance with §200.507 (Program-specific audits). Subrecipient may elect to have a program-specific audit if Subrecipient expends Federal Awards under only one Federal program (excluding research and development) and the Federal program's statutes, regulations, or the terms and conditions of the Federal award do not require a financial statement audit of Recipient. A program-specific audit may not be elected for research and development unless all of the Federal Awards expended were received from Recipient and Recipient approves in advance a program-specific audit.
- 5.2 Exemption.** If Subrecipient expends less than \$750,000 in Federal Awards during its fiscal year, Subrecipient shall be exempt from Federal audit requirements for that year, except as noted in 2 CFR §200.503 (Relation to other audit requirements), but records shall be available for review or audit by appropriate officials of the Federal agency, the State, and the Government Accountability Office.
- 5.3 Subrecipient Compliance Responsibility.** Subrecipient shall procure or otherwise arrange for the audit required by Part F of the Uniform Guidance and ensure it is properly performed and submitted when due in accordance with the Uniform Guidance. Subrecipient shall prepare appropriate financial statements, including the schedule of expenditures of Federal awards in accordance with Uniform Guidance §200.510 (Financial statements) and provide the auditor with access to personnel, accounts, books, records, supporting documentation, and other information as needed for the auditor to perform the audit required by Uniform Guidance Part F-Audit Requirements.
- 6. Contract Provisions for Subrecipient Contracts.** Subrecipient shall comply with and shall include all of the following applicable provisions in all subcontracts entered into by it pursuant to this Grant Agreement.

6.1 Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 shall include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

“During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants foremployment.

(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided bylaw.

(7) The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: *Provided, however,* that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.”

4.2 Davis-Bacon Act. Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-

3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or Subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled.

The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

- 4.3 Rights to Inventions Made Under a Contract or Agreement.** If the Federal Award meets the definition of “funding agreement” under 37 CFR §401.2 (a) and Subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” Subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.
- 4.4 Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended.** Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
- 4.5 Debarment and Suspension (Executive Orders 12549 and 12689).** A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.
- 4.6 Byrd Anti-Lobbying Amendment (31 U.S.C. 1352).** Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.
- 7. Certifications.** Unless prohibited by Federal statutes or regulations, Recipient may require Subrecipient to submit certifications and representations required by Federal statutes or regulations on an annual basis. 2 CFR §200.208. Submission may be required more frequently if Subrecipient fails to meet a requirement of the Federal award. Subrecipient shall certify in writing to the State at the end of the Award that the project or activity was completed or the level of effort was expended. 2 CFR §200.201(3). If the required level of activity or effort was not carried out, the amount of the Award must be adjusted.
- 1.8.Event of Default.** Failure to comply with these Uniform Guidance Supplemental Provisions shall constitute an event of default under the Grant Agreement (2 CFR §200.339) and the State may terminate the Grant upon 30

days prior written notice if the default remains uncured five calendar days following the termination of the 30 day notice period. This remedy will be in addition to any other remedy available to the State of Colorado under the Grant, at law or in equity.

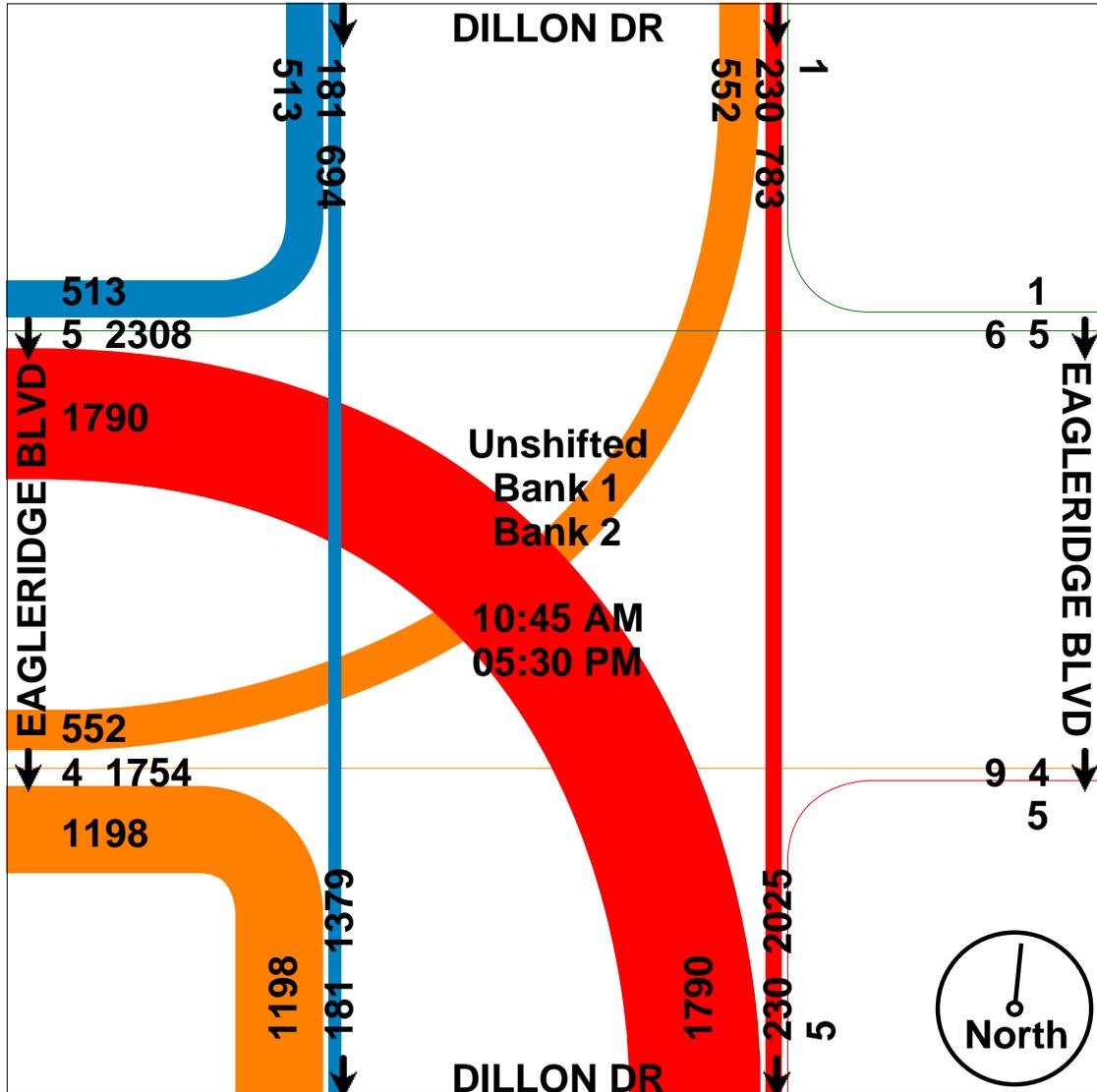
9. **Effective Date.** The effective date of the Uniform Guidance is December 26, 2013. 2 CFR §200.110. The procurement standards set forth in Uniform Guidance §§200.317-200.326 are applicable to new Awards made by Recipient as of December 26, 2015. The standards set forth in Uniform Guidance Subpart F-Audit Requirements are applicable to audits of fiscal years beginning on or after December 26, 2014.

10. **Performance Measurement**

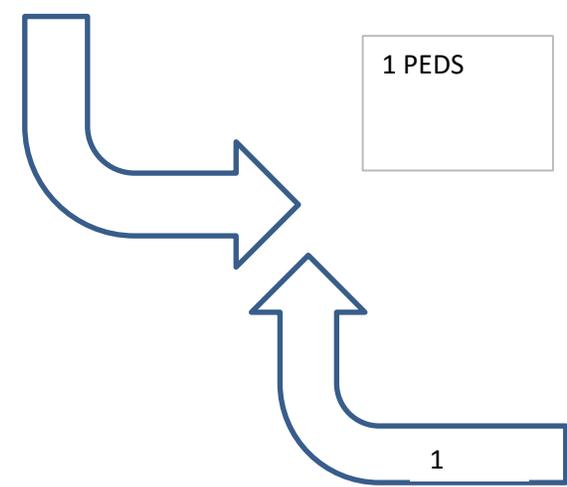
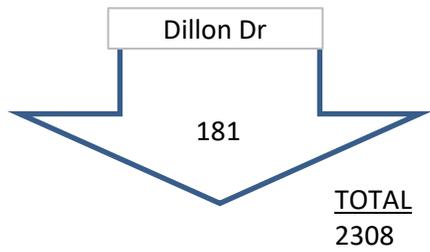
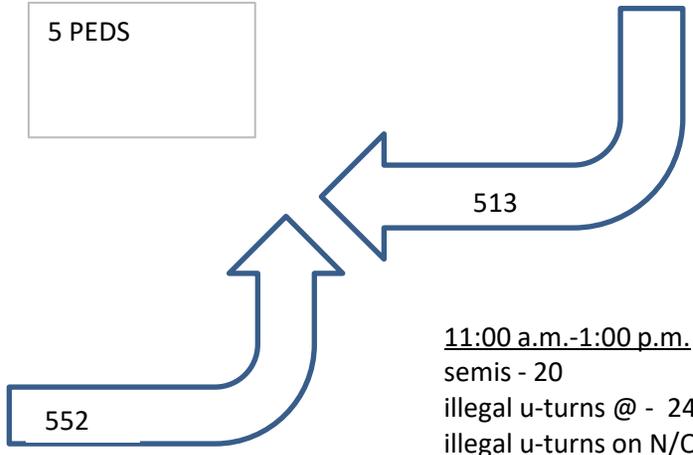
The Uniform Guidance requires completion of OMB-approved standard information collection forms (the PPR). The form focuses on outcomes, as related to the Federal Award Performance Goals that awarding Federal agencies are required to detail in the Awards.

Section 200.301 provides guidance to Federal agencies to measure performance in a way that will help the Federal awarding agency and other non-Federal entities to improve program outcomes.

The Federal awarding agency is required to provide recipients with clear performance goals, indicators, and milestones (200.210). Also, must require the recipient to relate financial data to performance accomplishments of the Federal award.

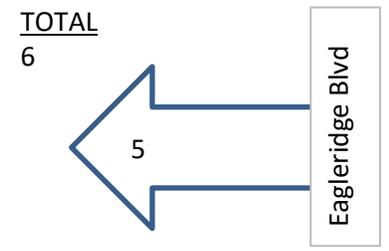
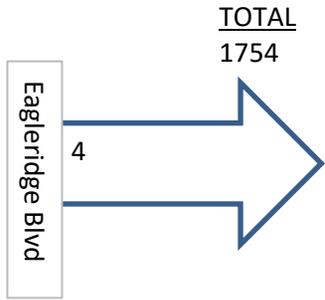
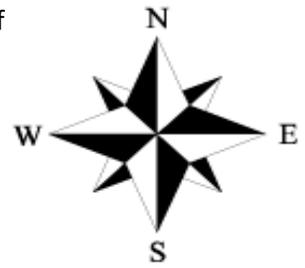


5 PEDS

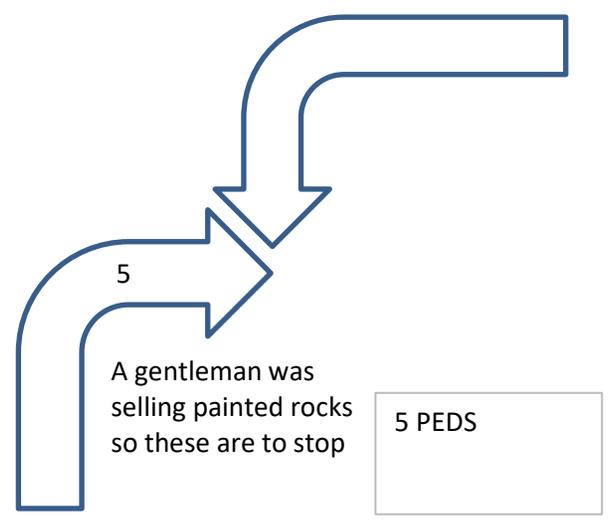
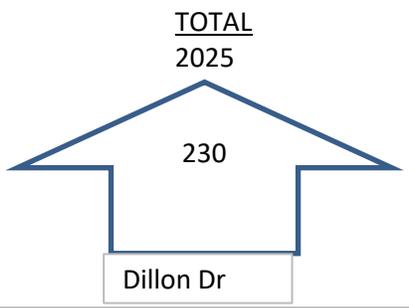
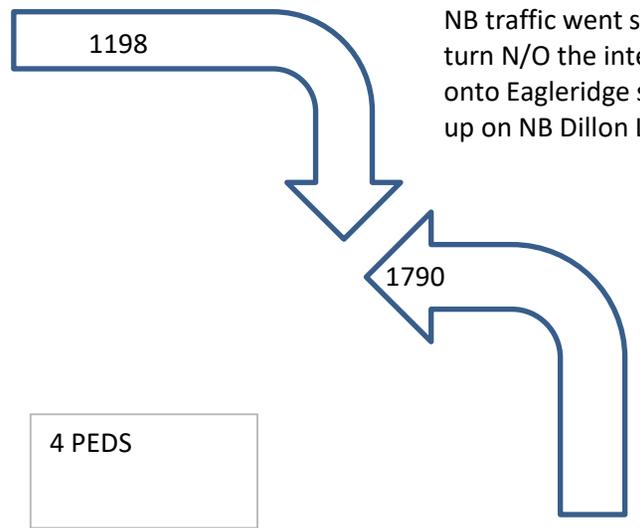


11:00 a.m.-1:00 p.m.
semis - 20
illegal u-turns @ - 24
illegal u-turns on N/O Dillon - 24
buses - 4
PEDS/bikes - 14
Motorcycle - 2
EB traffic went straight to turn around on the dead end instead of making an illegal u-turn.

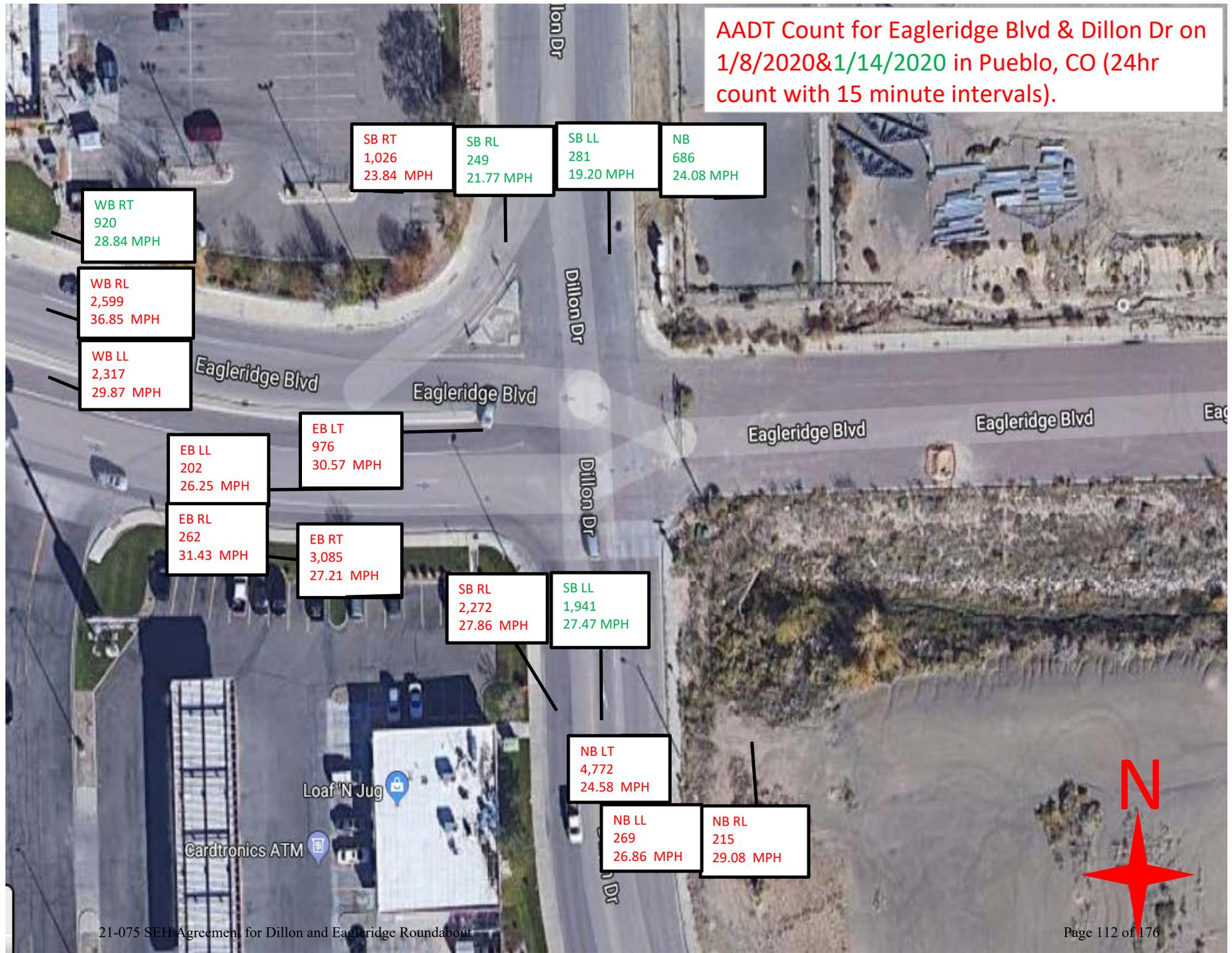
weather
warm, low 50's, partly cloudy



4:00-6:00 P.M.
semis - 8
illegal u-turns @ - 14
illegal u-turns on N/O Dillon - 40
buses - 2
PEDS/bikes - 5
Motorcycle - 3
NB traffic went straight but did a u-turn N/O the intersection to get back onto Eagleridge since it was backed up on NB Dillon LT



AADT Count for Eagleridge Blvd & Dillon Dr on 1/8/2020 & 1/14/2020 in Pueblo, CO (24hr count with 15 minute intervals).



**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 134256. The study was done in the **WB RT lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/14/2020 at 12:00 PM and concluded on 01/15/2020 at 12:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 920 vehicles passed through the location with a peak volume of 43 on 01/14/2020 at [17:00-17:15] and a minimum volume of 0 on 01/14/2020 at [23:15-23:30]. The AADT count for this study was **920**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 24 MPH with 8.44% vehicles exceeding the posted speed of 30 MPH. 0.80% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was **28.84 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
2	14	101	436	250	48	12	4	1	2	0	0	1	1	5

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 648 which represents 74 percent of the total classified vehicles. The number of Vans & Pickups in the study was 190 which represents 22 percent of the total classified vehicles. The number of Busses & Trucks in the study was 19 which represents 2 percent of the total classified vehicles. The number of Tractor Trailers in the study was 20 which represents 2 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
648	149	41	13	6	9	2	9							

CHART 2

HEADWAY

During the peak traffic period, on 01/14/2020 at [17:00-17:15] the average headway between vehicles was 20.455 seconds. During the slowest traffic period, on 01/14/2020 at [23:15-23:30] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 73.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134256 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB RT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 920 AADT Count: 920 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Tue, 01/14/2020				
[12:00-12:15]	22	25 MPH	70 F	---
[12:15-12:30]	19	23 MPH	72 F	---
[12:30-12:45]	21	24 MPH	72 F	---
[12:45-13:00]	11	25 MPH	73 F	---
[13:00-13:15]	23	24 MPH	73 F	---
[13:15-13:30]	13	24 MPH	72 F	---
[13:30-13:45]	11	24 MPH	64 F	---
[13:45-14:00]	9	24 MPH	61 F	---
[14:00-14:15]	17	23 MPH	66 F	---
[14:15-14:30]	13	21 MPH	66 F	---
[14:30-14:45]	20	27 MPH	66 F	---
[14:45-15:00]	9	25 MPH	66 F	---
[15:00-15:15]	3	26 MPH	64 F	---
[15:15-15:30]	20	27 MPH	63 F	---
[15:30-15:45]	26	24 MPH	63 F	---
[15:45-16:00]	16	23 MPH	61 F	---
[16:00-16:15]	19	25 MPH	59 F	---
[16:15-16:30]	15	23 MPH	57 F	---
[16:30-16:45]	24	25 MPH	55 F	---
[16:45-17:00]	28	26 MPH	54 F	---
[17:00-17:15]	43	24 MPH	52 F	---
[17:15-17:30]	25	25 MPH	50 F	---
[17:30-17:45]	20	26 MPH	50 F	---
[17:45-18:00]	18	24 MPH	48 F	---
[18:00-18:15]	21	23 MPH	48 F	---
[18:15-18:30]	10	22 MPH	48 F	---
[18:30-18:45]	18	24 MPH	46 F	---
[18:45-19:00]	14	28 MPH	46 F	---
[19:00-19:15]	13	20 MPH	45 F	---
[19:15-19:30]	18	22 MPH	45 F	---
[19:30-19:45]	9	22 MPH	43 F	---
[19:45-20:00]	10	24 MPH	43 F	---
[20:00-20:15]	15	24 MPH	43 F	---
[20:15-20:30]	18	24 MPH	41 F	---
[20:30-20:45]	9	24 MPH	41 F	---
[20:45-21:00]	8	22 MPH	39 F	---
[21:00-21:15]	11	23 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134256 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB RT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 920 AADT Count: 920 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[21:15-21:30]	10	23 MPH	37 F	---
[21:30-21:45]	10	23 MPH	37 F	---
[21:45-22:00]	1	28 MPH	37 F	---
[22:00-22:15]	2	28 MPH	36 F	---
[22:15-22:30]	4	23 MPH	36 F	---
[22:30-22:45]	3	23 MPH	36 F	---
[22:45-23:00]	2	23 MPH	36 F	---
[23:00-23:15]	2	23 MPH	34 F	---
[23:15-23:30]	0	0 MPH	34 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	3	23 MPH	34 F	---
Tue,01/14/2020	656	24 MPH	51 F	
Wed,01/15/2020				
[00:00-00:15]	4	24 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	3	26 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	1	22 MPH	34 F	---
[01:15-01:30]	0	0 MPH	34 F	---
[01:30-01:45]	0	0 MPH	34 F	---
[01:45-02:00]	0	0 MPH	34 F	---
[02:00-02:15]	1	22 MPH	34 F	---
[02:15-02:30]	2	30 MPH	34 F	---
[02:30-02:45]	0	0 MPH	34 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	0	0 MPH	34 F	---
[03:30-03:45]	0	0 MPH	34 F	---
[03:45-04:00]	2	28 MPH	34 F	---
[04:00-04:15]	0	0 MPH	34 F	---
[04:15-04:30]	2	33 MPH	36 F	---
[04:30-04:45]	3	26 MPH	36 F	---
[04:45-05:00]	4	23 MPH	36 F	---
[05:00-05:15]	5	28 MPH	36 F	---
[05:15-05:30]	1	28 MPH	36 F	---
[05:30-05:45]	5	27 MPH	36 F	---
[05:45-06:00]	7	25 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134256 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB RT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 920 AADT Count: 920 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Wed,01/15/2020

[06:00-06:15]	6	27 MPH	36 F	---
[06:15-06:30]	16	23 MPH	37 F	---
[06:30-06:45]	10	30 MPH	37 F	---
[06:45-07:00]	4	29 MPH	37 F	---
[07:00-07:15]	6	30 MPH	37 F	---
[07:15-07:30]	6	24 MPH	37 F	---
[07:30-07:45]	4	23 MPH	37 F	---
[07:45-08:00]	9	25 MPH	36 F	---
[08:00-08:15]	6	24 MPH	34 F	---
[08:15-08:30]	7	22 MPH	34 F	---
[08:30-08:45]	8	27 MPH	36 F	---
[08:45-09:00]	4	27 MPH	39 F	---
[09:00-09:15]	7	34 MPH	41 F	---
[09:15-09:30]	8	23 MPH	45 F	---
[09:30-09:45]	9	25 MPH	46 F	---
[09:45-10:00]	9	25 MPH	50 F	---
[10:00-10:15]	10	24 MPH	52 F	---
[10:15-10:30]	10	24 MPH	55 F	---
[10:30-10:45]	9	26 MPH	57 F	---
[10:45-11:00]	20	25 MPH	59 F	---
[11:00-11:15]	8	24 MPH	61 F	---
[11:15-11:30]	14	26 MPH	63 F	---
[11:30-11:45]	16	25 MPH	64 F	---
[11:45-12:00]	18	25 MPH	64 F	---

Wed,01/15/2020

264 26 MPH 40 F

01/14/2020 12:00 PM				
01/15/2020 12:00 PM	920	24 MPH	46 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 302806. The study was done in the **WB RL lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 2,599 vehicles passed through the location with a peak volume of 65 on 01/07/2020 at [16:45-17:00] and a minimum volume of 0 on 01/08/2020 at [01:30-01:45]. The AADT count for this study was **2,599**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 25 - 30 MPH range or lower. The average speed for all classified vehicles was 32 MPH with 51.19% vehicles exceeding the posted speed of 30 MPH. 3.53% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was **36.85 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
4	2	45	263	792	737	224	73	28	18	10	5	4	3	58

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 783 which represents 35 percent of the total classified vehicles. The number of Vans & Pickups in the study was 1107 which represents 49 percent of the total classified vehicles. The number of Busses & Trucks in the study was 240 which represents 11 percent of the total classified vehicles. The number of Tractor Trailers in the study was 136 which represents 6 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
783	749	358	186	54	44	25	67							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [16:45-17:00] the average headway between vehicles was 13.636 seconds. During the slowest traffic period, on 01/08/2020 at [01:30-01:45] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 489.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302806 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB RL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 2,599 AADT Count: 2,599 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[11:30-11:45]	51	32 MPH	66 F	---
[11:45-12:00]	52	31 MPH	68 F	---
[12:00-12:15]	47	33 MPH	72 F	---
[12:15-12:30]	51	33 MPH	72 F	---
[12:30-12:45]	51	30 MPH	72 F	---
[12:45-13:00]	60	30 MPH	72 F	---
[13:00-13:15]	59	30 MPH	72 F	---
[13:15-13:30]	63	32 MPH	72 F	---
[13:30-13:45]	42	32 MPH	66 F	---
[13:45-14:00]	51	35 MPH	66 F	---
[14:00-14:15]	49	32 MPH	68 F	---
[14:15-14:30]	54	31 MPH	68 F	---
[14:30-14:45]	50	31 MPH	68 F	---
[14:45-15:00]	50	34 MPH	68 F	---
[15:00-15:15]	47	34 MPH	66 F	---
[15:15-15:30]	58	31 MPH	63 F	---
[15:30-15:45]	61	34 MPH	63 F	---
[15:45-16:00]	45	30 MPH	61 F	---
[16:00-16:15]	45	34 MPH	61 F	---
[16:15-16:30]	51	31 MPH	57 F	---
[16:30-16:45]	60	34 MPH	55 F	---
[16:45-17:00]	65	33 MPH	55 F	---
[17:00-17:15]	55	31 MPH	52 F	---
[17:15-17:30]	63	34 MPH	52 F	---
[17:30-17:45]	48	31 MPH	48 F	---
[17:45-18:00]	49	34 MPH	48 F	---
[18:00-18:15]	48	31 MPH	46 F	---
[18:15-18:30]	38	33 MPH	46 F	---
[18:30-18:45]	42	30 MPH	46 F	---
[18:45-19:00]	34	32 MPH	43 F	---
[19:00-19:15]	39	28 MPH	43 F	---
[19:15-19:30]	30	33 MPH	43 F	---
[19:30-19:45]	27	29 MPH	43 F	---
[19:45-20:00]	36	30 MPH	43 F	---
[20:00-20:15]	25	30 MPH	41 F	---
[20:15-20:30]	30	31 MPH	41 F	---
[20:30-20:45]	23	31 MPH	41 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302806 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB RL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 2,599 ADT Count: 2,599 ADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	18	31 MPH	41 F	---
[21:00-21:15]	21	31 MPH	41 F	---
[21:15-21:30]	15	34 MPH	41 F	---
[21:30-21:45]	16	31 MPH	37 F	---
[21:45-22:00]	8	30 MPH	37 F	---
[22:00-22:15]	20	29 MPH	37 F	---
[22:15-22:30]	8	30 MPH	37 F	---
[22:30-22:45]	10	28 MPH	34 F	---
[22:45-23:00]	4	29 MPH	34 F	---
[23:00-23:15]	5	27 MPH	34 F	---
[23:15-23:30]	7	32 MPH	34 F	---
[23:30-23:45]	5	34 MPH	32 F	---
[23:45-00:00]	11	30 MPH	32 F	---
Tue,01/07/2020	1897	32 MPH	52 F	
Wed,01/08/2020				
[00:00-00:15]	3	29 MPH	32 F	---
[00:15-00:30]	3	29 MPH	32 F	---
[00:30-00:45]	4	34 MPH	32 F	---
[00:45-01:00]	1	22 MPH	32 F	---
[01:00-01:15]	3	29 MPH	489 F	---
[01:15-01:30]	2	28 MPH	489 F	---
[01:30-01:45]	0	0 MPH	489 F	---
[01:45-02:00]	2	35 MPH	489 F	---
[02:00-02:15]	1	32 MPH	489 F	---
[02:15-02:30]	0	0 MPH	489 F	---
[02:30-02:45]	2	32 MPH	489 F	---
[02:45-03:00]	0	0 MPH	489 F	---
[03:00-03:15]	1	75 MPH	489 F	---
[03:15-03:30]	0	0 MPH	487 F	---
[03:30-03:45]	0	0 MPH	487 F	---
[03:45-04:00]	3	49 MPH	487 F	---
[04:00-04:15]	2	33 MPH	487 F	---
[04:15-04:30]	7	33 MPH	487 F	---
[04:30-04:45]	3	31 MPH	487 F	---
[04:45-05:00]	8	32 MPH	487 F	---
[05:00-05:15]	9	31 MPH	487 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 302806 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 2,599 Operator: HH Lane: WB RL AADT Count: 2,599 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	3	33 MPH	487 F	---
[05:30-05:45]	7	33 MPH	487 F	---
[05:45-06:00]	12	40 MPH	487 F	---
[06:00-06:15]	13	30 MPH	487 F	---
[06:15-06:30]	21	35 MPH	487 F	---
[06:30-06:45]	21	30 MPH	487 F	---
[06:45-07:00]	16	34 MPH	487 F	---
[07:00-07:15]	19	33 MPH	487 F	---
[07:15-07:30]	23	34 MPH	487 F	---
[07:30-07:45]	19	36 MPH	487 F	---
[07:45-08:00]	30	32 MPH	487 F	---
[08:00-08:15]	27	32 MPH	487 F	---
[08:15-08:30]	31	31 MPH	489 F	---
[08:30-08:45]	24	30 MPH	489 F	---
[08:45-09:00]	23	32 MPH	32 F	---
[09:00-09:15]	21	29 MPH	34 F	---
[09:15-09:30]	26	33 MPH	37 F	---
[09:30-09:45]	29	34 MPH	41 F	---
[09:45-10:00]	38	32 MPH	46 F	---
[10:00-10:15]	37	33 MPH	48 F	---
[10:15-10:30]	37	30 MPH	52 F	---
[10:30-10:45]	26	31 MPH	55 F	---
[10:45-11:00]	46	30 MPH	55 F	---
[11:00-11:15]	54	31 MPH	55 F	---
[11:15-11:30]	45	30 MPH	55 F	---
Wed,01/08/2020	702	32 MPH	343 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	2599	32 MPH	191 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 302813. The study was done in the **WB LL lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 2,317 vehicles passed through the location with a peak volume of 68 on 01/07/2020 at [15:30-15:45] and a minimum volume of 0 on 01/08/2020 at [01:15-01:30]. The AADT count for this study was **2,317**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 27 MPH with 14.11% vehicles exceeding the posted speed of 30 MPH. 2.64% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was **29.87 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
4	15	116	831	659	125	43	24	11	14	3	4	4	4	35

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 1325 which represents 70 percent of the total classified vehicles. The number of Vans & Pickups in the study was 433 which represents 23 percent of the total classified vehicles. The number of Busses & Trucks in the study was 58 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 76 which represents 4 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
1325	342	91	41	17	18	8	50							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [15:30-15:45] the average headway between vehicles was 13.043 seconds. During the slowest traffic period, on 01/08/2020 at [01:15-01:30] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 489.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302813 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB LL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 2,317 AADT Count: 2,317 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	39	26 MPH	66 F	---
[11:45-12:00]	47	27 MPH	68 F	---
[12:00-12:15]	51	26 MPH	68 F	---
[12:15-12:30]	41	27 MPH	68 F	---
[12:30-12:45]	57	27 MPH	72 F	---
[12:45-13:00]	56	24 MPH	72 F	---
[13:00-13:15]	51	27 MPH	72 F	---
[13:15-13:30]	51	27 MPH	72 F	---
[13:30-13:45]	42	25 MPH	72 F	---
[13:45-14:00]	51	29 MPH	68 F	---
[14:00-14:15]	62	27 MPH	68 F	---
[14:15-14:30]	52	27 MPH	68 F	---
[14:30-14:45]	45	28 MPH	68 F	---
[14:45-15:00]	53	25 MPH	68 F	---
[15:00-15:15]	44	26 MPH	66 F	---
[15:15-15:30]	39	28 MPH	66 F	---
[15:30-15:45]	68	30 MPH	63 F	---
[15:45-16:00]	47	27 MPH	61 F	---
[16:00-16:15]	48	27 MPH	61 F	---
[16:15-16:30]	62	30 MPH	57 F	---
[16:30-16:45]	65	28 MPH	55 F	---
[16:45-17:00]	56	30 MPH	55 F	---
[17:00-17:15]	68	26 MPH	52 F	---
[17:15-17:30]	66	27 MPH	52 F	---
[17:30-17:45]	57	26 MPH	48 F	---
[17:45-18:00]	34	31 MPH	48 F	---
[18:00-18:15]	50	28 MPH	46 F	---
[18:15-18:30]	56	26 MPH	46 F	---
[18:30-18:45]	36	25 MPH	46 F	---
[18:45-19:00]	40	25 MPH	46 F	---
[19:00-19:15]	29	28 MPH	43 F	---
[19:15-19:30]	33	24 MPH	43 F	---
[19:30-19:45]	19	27 MPH	43 F	---
[19:45-20:00]	24	25 MPH	43 F	---
[20:00-20:15]	18	26 MPH	41 F	---
[20:15-20:30]	13	29 MPH	41 F	---
[20:30-20:45]	15	28 MPH	41 F	---

01/09/2020 11:56 AM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302813 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: WB LL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 2,317 AADT Count: 2,317 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	14	23 MPH	41 F	---
[21:00-21:15]	21	31 MPH	41 F	---
[21:15-21:30]	17	27 MPH	41 F	---
[21:30-21:45]	12	29 MPH	41 F	---
[21:45-22:00]	8	37 MPH	37 F	---
[22:00-22:15]	15	27 MPH	37 F	---
[22:15-22:30]	4	25 MPH	37 F	---
[22:30-22:45]	5	26 MPH	37 F	---
[22:45-23:00]	5	24 MPH	34 F	---
[23:00-23:15]	4	28 MPH	34 F	---
[23:15-23:30]	5	24 MPH	34 F	---
[23:30-23:45]	5	37 MPH	34 F	---
[23:45-00:00]	7	25 MPH	34 F	---
Tue,01/07/2020	1807	27 MPH	52 F	
Wed,01/08/2020				
[00:00-00:15]	4	35 MPH	32 F	---
[00:15-00:30]	3	33 MPH	32 F	---
[00:30-00:45]	1	28 MPH	32 F	---
[00:45-01:00]	1	0 MPH	32 F	---
[01:00-01:15]	1	28 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	1	22 MPH	489 F	---
[01:45-02:00]	0	0 MPH	489 F	---
[02:00-02:15]	1	22 MPH	489 F	---
[02:15-02:30]	0	0 MPH	489 F	---
[02:30-02:45]	0	0 MPH	489 F	---
[02:45-03:00]	0	0 MPH	489 F	---
[03:00-03:15]	0	0 MPH	489 F	---
[03:15-03:30]	0	0 MPH	489 F	---
[03:30-03:45]	0	0 MPH	489 F	---
[03:45-04:00]	0	0 MPH	489 F	---
[04:00-04:15]	0	0 MPH	489 F	---
[04:15-04:30]	0	0 MPH	487 F	---
[04:30-04:45]	0	0 MPH	487 F	---
[04:45-05:00]	1	28 MPH	487 F	---
[05:00-05:15]	3	24 MPH	487 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 302813 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 2,317 Operator: HH Lane: WB LL AADT Count: 2,317 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	1	28 MPH	487 F	---
[05:30-05:45]	3	28 MPH	487 F	---
[05:45-06:00]	2	25 MPH	487 F	---
[06:00-06:15]	8	28 MPH	487 F	---
[06:15-06:30]	7	29 MPH	487 F	---
[06:30-06:45]	11	25 MPH	487 F	---
[06:45-07:00]	12	25 MPH	487 F	---
[07:00-07:15]	15	26 MPH	487 F	---
[07:15-07:30]	14	25 MPH	487 F	---
[07:30-07:45]	24	25 MPH	487 F	---
[07:45-08:00]	16	27 MPH	487 F	---
[08:00-08:15]	14	27 MPH	487 F	---
[08:15-08:30]	19	26 MPH	489 F	---
[08:30-08:45]	18	26 MPH	489 F	---
[08:45-09:00]	27	27 MPH	32 F	---
[09:00-09:15]	24	25 MPH	34 F	---
[09:15-09:30]	25	23 MPH	37 F	---
[09:30-09:45]	31	25 MPH	41 F	---
[09:45-10:00]	27	25 MPH	46 F	---
[10:00-10:15]	31	25 MPH	48 F	---
[10:15-10:30]	32	26 MPH	52 F	---
[10:30-10:45]	26	28 MPH	55 F	---
[10:45-11:00]	31	25 MPH	55 F	---
[11:00-11:15]	46	28 MPH	55 F	---
[11:15-11:30]	30	24 MPH	55 F	---
Wed,01/08/2020	510	26 MPH	323 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	2317	27 MPH	182 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 058919. The study was done in the **EB LT lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 976 vehicles passed through the location with a peak volume of 42 on 01/07/2020 at [15:45-16:00] and a minimum volume of 0 on 01/07/2020 at [21:45-22:00]. The AADT count for this study was **976**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 25 - 30 MPH range or lower. The average speed for all classified vehicles was 26 MPH with 16.65% vehicles exceeding the posted speed of 30 MPH. 0.74% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was **30.57 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
0	5	98	303	385	132	14	2	3	0	2	0	0	1	4

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 517 which represents 54 percent of the total classified vehicles. The number of Vans & Pickups in the study was 383 which represents 40 percent of the total classified vehicles. The number of Busses & Trucks in the study was 31 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 18 which represents 2 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
517	307	76	29	2	11	0	7							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [15:45-16:00] the average headway between vehicles was 20.93 seconds. During the slowest traffic period, on 01/07/2020 at [21:45-22:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 058919 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB LT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 976 AADT Count: 976 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	16	24 MPH	64 F	---
[11:45-12:00]	28	26 MPH	66 F	---
[12:00-12:15]	23	25 MPH	66 F	---
[12:15-12:30]	20	25 MPH	68 F	---
[12:30-12:45]	23	24 MPH	68 F	---
[12:45-13:00]	20	24 MPH	68 F	---
[13:00-13:15]	13	28 MPH	70 F	---
[13:15-13:30]	21	27 MPH	70 F	---
[13:30-13:45]	8	23 MPH	70 F	---
[13:45-14:00]	14	26 MPH	70 F	---
[14:00-14:15]	16	27 MPH	70 F	---
[14:15-14:30]	17	26 MPH	70 F	---
[14:30-14:45]	11	26 MPH	68 F	---
[14:45-15:00]	11	27 MPH	66 F	---
[15:00-15:15]	18	24 MPH	66 F	---
[15:15-15:30]	12	32 MPH	64 F	---
[15:30-15:45]	27	24 MPH	63 F	---
[15:45-16:00]	42	25 MPH	63 F	---
[16:00-16:15]	28	27 MPH	59 F	---
[16:15-16:30]	32	25 MPH	57 F	---
[16:30-16:45]	26	27 MPH	55 F	---
[16:45-17:00]	33	27 MPH	54 F	---
[17:00-17:15]	34	25 MPH	52 F	---
[17:15-17:30]	36	27 MPH	50 F	---
[17:30-17:45]	33	26 MPH	48 F	---
[17:45-18:00]	24	24 MPH	48 F	---
[18:00-18:15]	15	24 MPH	46 F	---
[18:15-18:30]	33	26 MPH	46 F	---
[18:30-18:45]	9	25 MPH	45 F	---
[18:45-19:00]	22	25 MPH	45 F	---
[19:00-19:15]	8	26 MPH	43 F	---
[19:15-19:30]	16	25 MPH	43 F	---
[19:30-19:45]	8	24 MPH	43 F	---
[19:45-20:00]	15	26 MPH	43 F	---
[20:00-20:15]	8	26 MPH	41 F	---
[20:15-20:30]	5	28 MPH	41 F	---
[20:30-20:45]	5	27 MPH	41 F	---

01/09/2020 12:02 PM

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Date/Time/Volume/Average Speed/Temperature Report

Device ID: 058919 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB LT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 976 AADT Count: 976 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	6	24 MPH	41 F	---
[21:00-21:15]	4	31 MPH	41 F	---
[21:15-21:30]	2	28 MPH	39 F	---
[21:30-21:45]	4	24 MPH	39 F	---
[21:45-22:00]	0	0 MPH	39 F	---
[22:00-22:15]	1	75 MPH	37 F	---
[22:15-22:30]	0	0 MPH	37 F	---
[22:30-22:45]	0	0 MPH	37 F	---
[22:45-23:00]	2	28 MPH	36 F	---
[23:00-23:15]	1	22 MPH	36 F	---
[23:15-23:30]	0	0 MPH	36 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	1	32 MPH	34 F	---
Tue,01/07/2020	751	26 MPH	52 F	
Wed,01/08/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	1	22 MPH	34 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	1	22 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	0	0 MPH	34 F	---
[01:45-02:00]	0	0 MPH	34 F	---
[02:00-02:15]	0	0 MPH	34 F	---
[02:15-02:30]	0	0 MPH	34 F	---
[02:30-02:45]	0	0 MPH	34 F	---
[02:45-03:00]	0	0 MPH	34 F	---
[03:00-03:15]	0	0 MPH	34 F	---
[03:15-03:30]	0	0 MPH	36 F	---
[03:30-03:45]	0	0 MPH	36 F	---
[03:45-04:00]	0	0 MPH	36 F	---
[04:00-04:15]	1	28 MPH	36 F	---
[04:15-04:30]	0	0 MPH	36 F	---
[04:30-04:45]	0	0 MPH	36 F	---
[04:45-05:00]	1	18 MPH	36 F	---
[05:00-05:15]	1	32 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 058919 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 976 Operator: HH Lane: EB LT ADT Count: 976 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr ADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	0	0 MPH	37 F	---
[05:30-05:45]	0	0 MPH	37 F	---
[05:45-06:00]	0	0 MPH	37 F	---
[06:00-06:15]	6	28 MPH	37 F	---
[06:15-06:30]	3	24 MPH	37 F	---
[06:30-06:45]	6	27 MPH	37 F	---
[06:45-07:00]	12	28 MPH	37 F	---
[07:00-07:15]	7	28 MPH	37 F	---
[07:15-07:30]	10	28 MPH	37 F	---
[07:30-07:45]	9	27 MPH	37 F	---
[07:45-08:00]	24	28 MPH	37 F	---
[08:00-08:15]	8	28 MPH	37 F	---
[08:15-08:30]	6	28 MPH	36 F	---
[08:30-08:45]	11	29 MPH	34 F	---
[08:45-09:00]	13	28 MPH	32 F	---
[09:00-09:15]	7	29 MPH	36 F	---
[09:15-09:30]	7	26 MPH	37 F	---
[09:30-09:45]	13	26 MPH	41 F	---
[09:45-10:00]	20	25 MPH	46 F	---
[10:00-10:15]	12	29 MPH	48 F	---
[10:15-10:30]	9	22 MPH	52 F	---
[10:30-10:45]	9	24 MPH	54 F	---
[10:45-11:00]	9	25 MPH	54 F	---
[11:00-11:15]	7	24 MPH	54 F	---
[11:15-11:30]	12	27 MPH	54 F	---
Wed,01/08/2020	225	27 MPH	38 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	976	26 MPH	45 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 134256. The study was done in the **EB LL lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 202 vehicles passed through the location with a peak volume of 7 on 01/07/2020 at [12:45-13:00] and a minimum volume of 0 on 01/07/2020 at [19:45-20:00]. The AADT count for this study was **202**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 15 - 20 MPH range or lower. The average speed for all classified vehicles was 22 MPH with 8.43% vehicles exceeding the posted speed of 30 MPH. 1.69% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 15MPH and the 85th percentile was **26.25 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
2	13	72	60	16	6	4	1	1	0	0	1	0	0	2

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 131 which represents 74 percent of the total classified vehicles. The number of Vans & Pickups in the study was 36 which represents 20 percent of the total classified vehicles. The number of Busses & Trucks in the study was 6 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 5 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
131	24	12	6	0	4	0	1							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [12:45-13:00] the average headway between vehicles was 112.5 seconds. During the slowest traffic period, on 01/07/2020 at [19:45-20:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134256 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB LL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 202 ADT Count: 202 ADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
[11:30-11:45]	5	18 MPH	64 F	---
[11:45-12:00]	3	20 MPH	66 F	---
[12:00-12:15]	3	23 MPH	68 F	---
[12:15-12:30]	5	16 MPH	70 F	---
[12:30-12:45]	5	27 MPH	70 F	---
[12:45-13:00]	7	23 MPH	70 F	---
[13:00-13:15]	7	17 MPH	70 F	---
[13:15-13:30]	6	35 MPH	70 F	---
[13:30-13:45]	4	24 MPH	70 F	---
[13:45-14:00]	6	19 MPH	70 F	---
[14:00-14:15]	5	20 MPH	68 F	---
[14:15-14:30]	5	22 MPH	64 F	---
[14:30-14:45]	5	20 MPH	64 F	---
[14:45-15:00]	2	20 MPH	63 F	---
[15:00-15:15]	2	18 MPH	61 F	---
[15:15-15:30]	1	18 MPH	61 F	---
[15:30-15:45]	3	27 MPH	57 F	---
[15:45-16:00]	6	22 MPH	57 F	---
[16:00-16:15]	3	24 MPH	55 F	---
[16:15-16:30]	4	23 MPH	54 F	---
[16:30-16:45]	6	19 MPH	52 F	---
[16:45-17:00]	3	19 MPH	50 F	---
[17:00-17:15]	4	19 MPH	48 F	---
[17:15-17:30]	5	19 MPH	46 F	---
[17:30-17:45]	6	21 MPH	46 F	---
[17:45-18:00]	6	21 MPH	45 F	---
[18:00-18:15]	3	26 MPH	45 F	---
[18:15-18:30]	1	12 MPH	43 F	---
[18:30-18:45]	2	20 MPH	43 F	---
[18:45-19:00]	2	20 MPH	41 F	---
[19:00-19:15]	6	18 MPH	41 F	---
[19:15-19:30]	3	18 MPH	41 F	---
[19:30-19:45]	4	23 MPH	41 F	---
[19:45-20:00]	0	0 MPH	39 F	---
[20:00-20:15]	1	18 MPH	39 F	---
[20:15-20:30]	1	18 MPH	39 F	---
[20:30-20:45]	1	12 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134256 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB LL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 202 ADT Count: 202 ADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	1	32 MPH	39 F	---
[21:00-21:15]	1	18 MPH	39 F	---
[21:15-21:30]	4	24 MPH	39 F	---
[21:30-21:45]	0	0 MPH	37 F	---
[21:45-22:00]	0	0 MPH	37 F	---
[22:00-22:15]	0	0 MPH	36 F	---
[22:15-22:30]	0	0 MPH	36 F	---
[22:30-22:45]	1	0 MPH	36 F	---
[22:45-23:00]	0	0 MPH	34 F	---
[23:00-23:15]	1	18 MPH	34 F	---
[23:15-23:30]	0	0 MPH	34 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	1	22 MPH	32 F	---
Tue,01/07/2020	150	21 MPH	50 F	
Wed,01/08/2020				
[00:00-00:15]	0	0 MPH	32 F	---
[00:15-00:30]	0	0 MPH	32 F	---
[00:30-00:45]	0	0 MPH	34 F	---
[00:45-01:00]	0	0 MPH	34 F	---
[01:00-01:15]	0	0 MPH	34 F	---
[01:15-01:30]	0	0 MPH	34 F	---
[01:30-01:45]	0	0 MPH	34 F	---
[01:45-02:00]	0	0 MPH	36 F	---
[02:00-02:15]	0	0 MPH	36 F	---
[02:15-02:30]	0	0 MPH	36 F	---
[02:30-02:45]	0	0 MPH	36 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	0	0 MPH	36 F	---
[03:30-03:45]	0	0 MPH	37 F	---
[03:45-04:00]	0	0 MPH	37 F	---
[04:00-04:15]	1	22 MPH	37 F	---
[04:15-04:30]	0	0 MPH	37 F	---
[04:30-04:45]	0	0 MPH	37 F	---
[04:45-05:00]	0	0 MPH	37 F	---
[05:00-05:15]	0	0 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 134256 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 202 Operator: HH Lane: EB LL ADT Count: 202 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr ADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	1	18 MPH	39 F	---
[05:30-05:45]	0	0 MPH	39 F	---
[05:45-06:00]	0	0 MPH	39 F	---
[06:00-06:15]	0	0 MPH	39 F	---
[06:15-06:30]	1	18 MPH	39 F	---
[06:30-06:45]	5	23 MPH	39 F	---
[06:45-07:00]	0	0 MPH	39 F	---
[07:00-07:15]	0	0 MPH	39 F	---
[07:15-07:30]	3	36 MPH	39 F	---
[07:30-07:45]	0	0 MPH	39 F	---
[07:45-08:00]	2	22 MPH	39 F	---
[08:00-08:15]	3	17 MPH	37 F	---
[08:15-08:30]	4	21 MPH	37 F	---
[08:30-08:45]	1	22 MPH	36 F	---
[08:45-09:00]	2	28 MPH	32 F	---
[09:00-09:15]	2	20 MPH	36 F	---
[09:15-09:30]	4	23 MPH	37 F	---
[09:30-09:45]	2	35 MPH	41 F	---
[09:45-10:00]	2	23 MPH	46 F	---
[10:00-10:15]	1	18 MPH	50 F	---
[10:15-10:30]	5	18 MPH	52 F	---
[10:30-10:45]	1	22 MPH	54 F	---
[10:45-11:00]	5	19 MPH	54 F	---
[11:00-11:15]	4	22 MPH	54 F	---
[11:15-11:30]	3	47 MPH	55 F	---
Wed,01/08/2020	52	24 MPH	39 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	202	22 MPH	45 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 134254. The study was done in the **EB RL lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 262 vehicles passed through the location with a peak volume of 10 on 01/08/2020 at [10:45-11:00] and a minimum volume of 0 on 01/07/2020 at [22:15-22:30]. The AADT count for this study was **262**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 26 MPH with 17.65% vehicles exceeding the posted speed of 30 MPH. 3.36% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was **31.43 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
2	12	49	77	56	21	7	3	0	3	0	1	3	0	4

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 161 which represents 68 percent of the total classified vehicles. The number of Vans & Pickups in the study was 49 which represents 21 percent of the total classified vehicles. The number of Busses & Trucks in the study was 8 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 20 which represents 8 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
161	35	14	5	3	3	4	13							

CHART 2

HEADWAY

During the peak traffic period, on 01/08/2020 at [10:45-11:00] the average headway between vehicles was 81.818 seconds. During the slowest traffic period, on 01/07/2020 at [22:15-22:30] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 68.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134254 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB RL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 262 AADT Count: 262 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	3	26 MPH	61 F	---
[11:45-12:00]	1	28 MPH	63 F	---
[12:00-12:15]	6	34 MPH	64 F	---
[12:15-12:30]	4	23 MPH	66 F	---
[12:30-12:45]	7	24 MPH	66 F	---
[12:45-13:00]	6	20 MPH	66 F	---
[13:00-13:15]	3	21 MPH	66 F	---
[13:15-13:30]	3	31 MPH	68 F	---
[13:30-13:45]	8	35 MPH	68 F	---
[13:45-14:00]	6	24 MPH	68 F	---
[14:00-14:15]	3	23 MPH	68 F	---
[14:15-14:30]	5	28 MPH	66 F	---
[14:30-14:45]	5	24 MPH	63 F	---
[14:45-15:00]	6	31 MPH	61 F	---
[15:00-15:15]	3	26 MPH	59 F	---
[15:15-15:30]	6	26 MPH	57 F	---
[15:30-15:45]	5	17 MPH	55 F	---
[15:45-16:00]	3	27 MPH	55 F	---
[16:00-16:15]	4	24 MPH	54 F	---
[16:15-16:30]	5	21 MPH	52 F	---
[16:30-16:45]	2	23 MPH	50 F	---
[16:45-17:00]	1	12 MPH	50 F	---
[17:00-17:15]	4	24 MPH	48 F	---
[17:15-17:30]	3	20 MPH	46 F	---
[17:30-17:45]	2	20 MPH	46 F	---
[17:45-18:00]	3	37 MPH	46 F	---
[18:00-18:15]	7	21 MPH	45 F	---
[18:15-18:30]	5	26 MPH	45 F	---
[18:30-18:45]	4	29 MPH	43 F	---
[18:45-19:00]	5	27 MPH	43 F	---
[19:00-19:15]	2	22 MPH	41 F	---
[19:15-19:30]	3	22 MPH	41 F	---
[19:30-19:45]	3	33 MPH	41 F	---
[19:45-20:00]	4	22 MPH	41 F	---
[20:00-20:15]	1	18 MPH	41 F	---
[20:15-20:30]	1	22 MPH	39 F	---
[20:30-20:45]	3	23 MPH	39 F	---

01/09/2020 12:03 PM

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Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134254 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB RL Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 262 AADT Count: 262 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	4	24 MPH	39 F	---
[21:00-21:15]	1	18 MPH	39 F	---
[21:15-21:30]	1	42 MPH	39 F	---
[21:30-21:45]	1	22 MPH	39 F	---
[21:45-22:00]	1	18 MPH	37 F	---
[22:00-22:15]	3	29 MPH	37 F	---
[22:15-22:30]	0	0 MPH	37 F	---
[22:30-22:45]	0	0 MPH	36 F	---
[22:45-23:00]	1	22 MPH	36 F	---
[23:00-23:15]	1	0 MPH	36 F	---
[23:15-23:30]	2	20 MPH	34 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	1	28 MPH	34 F	---
Tue,01/07/2020	161	25 MPH	49 F	
Wed,01/08/2020				
[00:00-00:15]	1	32 MPH	34 F	---
[00:15-00:30]	0	0 MPH	32 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	2	28 MPH	34 F	---
[01:45-02:00]	2	20 MPH	34 F	---
[02:00-02:15]	0	0 MPH	34 F	---
[02:15-02:30]	1	18 MPH	34 F	---
[02:30-02:45]	0	0 MPH	34 F	---
[02:45-03:00]	0	0 MPH	34 F	---
[03:00-03:15]	1	22 MPH	34 F	---
[03:15-03:30]	0	0 MPH	36 F	---
[03:30-03:45]	0	0 MPH	36 F	---
[03:45-04:00]	0	0 MPH	36 F	---
[04:00-04:15]	0	0 MPH	36 F	---
[04:15-04:30]	2	25 MPH	36 F	---
[04:30-04:45]	3	25 MPH	36 F	---
[04:45-05:00]	3	29 MPH	36 F	---
[05:00-05:15]	2	28 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 134254 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 262 Operator: HH Lane: EB RL AADT Count: 262 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	1	28 MPH	37 F	---
[05:30-05:45]	2	54 MPH	37 F	---
[05:45-06:00]	1	42 MPH	37 F	---
[06:00-06:15]	1	18 MPH	37 F	---
[06:15-06:30]	3	20 MPH	37 F	---
[06:30-06:45]	3	30 MPH	37 F	---
[06:45-07:00]	2	22 MPH	37 F	---
[07:00-07:15]	1	18 MPH	37 F	---
[07:15-07:30]	4	21 MPH	37 F	---
[07:30-07:45]	1	28 MPH	37 F	---
[07:45-08:00]	3	22 MPH	37 F	---
[08:00-08:15]	1	22 MPH	37 F	---
[08:15-08:30]	3	27 MPH	36 F	---
[08:30-08:45]	1	28 MPH	36 F	---
[08:45-09:00]	4	31 MPH	34 F	---
[09:00-09:15]	4	21 MPH	34 F	---
[09:15-09:30]	1	0 MPH	36 F	---
[09:30-09:45]	4	23 MPH	39 F	---
[09:45-10:00]	7	20 MPH	43 F	---
[10:00-10:15]	8	25 MPH	46 F	---
[10:15-10:30]	2	18 MPH	50 F	---
[10:30-10:45]	5	26 MPH	52 F	---
[10:45-11:00]	10	31 MPH	52 F	---
[11:00-11:15]	3	33 MPH	52 F	---
[11:15-11:30]	9	21 MPH	52 F	---
Wed,01/08/2020	101	26 MPH	38 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	262	26 MPH	44 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Eagleridge Blvd W/O Dillon Dr**

A study of vehicle traffic was conducted with the device having serial number 134255. The study was done in the **EB RT lane at Eagleridge Blvd W/O Dillon Dr** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 3,085 vehicles passed through the location with a peak volume of 82 on 01/07/2020 at [13:15-13:30] and a minimum volume of 0 on 01/07/2020 at [23:45-00:00]. The AADT count for this study was **3,085**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 23 MPH with 5.46% vehicles exceeding the posted speed of 30 MPH. 0.85% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was **27.21 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
4	99	689	1492	505	96	18	9	7	6	2	4	3	3	13

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 2420 which represents 82 percent of the total classified vehicles. The number of Vans & Pickups in the study was 450 which represents 15 percent of the total classified vehicles. The number of Busses & Trucks in the study was 43 which represents 1 percent of the total classified vehicles. The number of Tractor Trailers in the study was 37 which represents 1 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
2420	358	92	26	17	14	5	18							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [13:15-13:30] the average headway between vehicles was 10.843 seconds. During the slowest traffic period, on 01/07/2020 at [23:45-00:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134255 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB RT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 3,085 AADT Count: 3,085 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, 01/07/2020

[11:30-11:45]	69	22 MPH	64 F	---
[11:45-12:00]	69	22 MPH	66 F	---
[12:00-12:15]	63	22 MPH	66 F	---
[12:15-12:30]	70	23 MPH	68 F	---
[12:30-12:45]	60	22 MPH	68 F	---
[12:45-13:00]	63	22 MPH	68 F	---
[13:00-13:15]	80	21 MPH	68 F	---
[13:15-13:30]	82	23 MPH	70 F	---
[13:30-13:45]	62	23 MPH	70 F	---
[13:45-14:00]	70	22 MPH	70 F	---
[14:00-14:15]	67	21 MPH	70 F	---
[14:15-14:30]	57	22 MPH	70 F	---
[14:30-14:45]	66	21 MPH	68 F	---
[14:45-15:00]	81	21 MPH	66 F	---
[15:00-15:15]	62	23 MPH	64 F	---
[15:15-15:30]	82	21 MPH	64 F	---
[15:30-15:45]	75	22 MPH	63 F	---
[15:45-16:00]	77	20 MPH	61 F	---
[16:00-16:15]	62	23 MPH	59 F	---
[16:15-16:30]	67	21 MPH	55 F	---
[16:30-16:45]	55	24 MPH	54 F	---
[16:45-17:00]	64	22 MPH	54 F	---
[17:00-17:15]	55	24 MPH	52 F	---
[17:15-17:30]	77	22 MPH	50 F	---
[17:30-17:45]	57	23 MPH	50 F	---
[17:45-18:00]	68	24 MPH	48 F	---
[18:00-18:15]	50	23 MPH	48 F	---
[18:15-18:30]	43	24 MPH	46 F	---
[18:30-18:45]	50	21 MPH	46 F	---
[18:45-19:00]	46	23 MPH	45 F	---
[19:00-19:15]	38	24 MPH	45 F	---
[19:15-19:30]	38	24 MPH	45 F	---
[19:30-19:45]	24	21 MPH	43 F	---
[19:45-20:00]	26	23 MPH	43 F	---
[20:00-20:15]	17	24 MPH	41 F	---
[20:15-20:30]	25	23 MPH	41 F	---
[20:30-20:45]	18	25 MPH	41 F	---

01/09/2020 12:03 PM

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Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134255 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Eagleridge Blvd W/O Dillon Dr Lane: EB RT Street: Eagleridge Blvd W/O Dillon Dr City: Pueblo County: Pueblo State: CO	Raw Count: 3,085 AADT Count: 3,085 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	16	23 MPH	41 F	---
[21:00-21:15]	13	25 MPH	41 F	---
[21:15-21:30]	6	23 MPH	41 F	---
[21:30-21:45]	12	27 MPH	39 F	---
[21:45-22:00]	10	24 MPH	39 F	---
[22:00-22:15]	14	28 MPH	37 F	---
[22:15-22:30]	2	23 MPH	37 F	---
[22:30-22:45]	6	26 MPH	37 F	---
[22:45-23:00]	4	28 MPH	36 F	---
[23:00-23:15]	3	27 MPH	36 F	---
[23:15-23:30]	7	26 MPH	36 F	---
[23:30-23:45]	4	25 MPH	36 F	---
[23:45-00:00]	0	0 MPH	34 F	---
Tue,01/07/2020	2232	22 MPH	52 F	
Wed,01/08/2020				
[00:00-00:15]	4	27 MPH	34 F	---
[00:15-00:30]	1	22 MPH	34 F	---
[00:30-00:45]	1	22 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	0	0 MPH	32 F	---
[01:45-02:00]	0	0 MPH	34 F	---
[02:00-02:15]	0	0 MPH	34 F	---
[02:15-02:30]	1	38 MPH	34 F	---
[02:30-02:45]	0	0 MPH	34 F	---
[02:45-03:00]	1	28 MPH	34 F	---
[03:00-03:15]	0	0 MPH	34 F	---
[03:15-03:30]	1	22 MPH	36 F	---
[03:30-03:45]	0	0 MPH	36 F	---
[03:45-04:00]	4	29 MPH	36 F	---
[04:00-04:15]	0	0 MPH	36 F	---
[04:15-04:30]	4	42 MPH	36 F	---
[04:30-04:45]	9	25 MPH	36 F	---
[04:45-05:00]	5	26 MPH	36 F	---
[05:00-05:15]	5	26 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 134255 Location: Eagleridge Blvd W/O Dillon Dr Raw Count: 3,085 Operator: HH Lane: EB RT AADT Count: 3,085 Begin: 01/07/2020 11:30 AM Street: Eagleridge Blvd W/O Dillon Dr AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	7	34 MPH	37 F	---
[05:30-05:45]	5	34 MPH	37 F	---
[05:45-06:00]	21	26 MPH	37 F	---
[06:00-06:15]	16	27 MPH	37 F	---
[06:15-06:30]	11	29 MPH	37 F	---
[06:30-06:45]	15	25 MPH	37 F	---
[06:45-07:00]	33	24 MPH	37 F	---
[07:00-07:15]	27	24 MPH	37 F	---
[07:15-07:30]	23	24 MPH	37 F	---
[07:30-07:45]	23	24 MPH	37 F	---
[07:45-08:00]	29	25 MPH	37 F	---
[08:00-08:15]	29	25 MPH	36 F	---
[08:15-08:30]	32	25 MPH	36 F	---
[08:30-08:45]	16	24 MPH	34 F	---
[08:45-09:00]	44	22 MPH	34 F	---
[09:00-09:15]	31	25 MPH	36 F	---
[09:15-09:30]	38	23 MPH	37 F	---
[09:30-09:45]	36	23 MPH	41 F	---
[09:45-10:00]	51	23 MPH	46 F	---
[10:00-10:15]	42	23 MPH	50 F	---
[10:15-10:30]	61	22 MPH	52 F	---
[10:30-10:45]	52	25 MPH	54 F	---
[10:45-11:00]	64	23 MPH	54 F	---
[11:00-11:15]	65	23 MPH	54 F	---
[11:15-11:30]	46	23 MPH	54 F	---
Wed,01/08/2020	853	24 MPH	38 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	3085	23 MPH	45 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr S/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 201812. The study was done in the SB RL lane at Dillon Dr S/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 2,272 vehicles passed through the location with a peak volume of 73 on 01/07/2020 at [13:15-13:30] and a minimum volume of 0 on 01/07/2020 at [22:45-23:00]. The AADT count for this study was 2,272.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 24 MPH with 4.42% vehicles exceeding the posted speed of 30 MPH. 0.89% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was 27.86 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
1	20	252	1313	555	53	9	9	6	2	3	0	2	1	14

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 864 which represents 39 percent of the total classified vehicles. The number of Vans & Pickups in the study was 1146 which represents 51 percent of the total classified vehicles. The number of Busses & Trucks in the study was 169 which represents 8 percent of the total classified vehicles. The number of Tractor Trailers in the study was 61 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
864	845	301	142	27	16	7	38							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [13:15-13:30] the average headway between vehicles was 12.162 seconds. During the slowest traffic period, on 01/07/2020 at [22:45-23:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 489.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 201812 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: SB RL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 2,272 AADT Count: 2,272 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	50	24 MPH	63 F	---
[11:45-12:00]	47	24 MPH	63 F	---
[12:00-12:15]	61	24 MPH	66 F	---
[12:15-12:30]	38	24 MPH	66 F	---
[12:30-12:45]	54	23 MPH	68 F	---
[12:45-13:00]	52	23 MPH	68 F	---
[13:00-13:15]	50	24 MPH	63 F	---
[13:15-13:30]	73	24 MPH	57 F	---
[13:30-13:45]	48	23 MPH	57 F	---
[13:45-14:00]	61	24 MPH	55 F	---
[14:00-14:15]	55	25 MPH	55 F	---
[14:15-14:30]	48	24 MPH	52 F	---
[14:30-14:45]	57	24 MPH	52 F	---
[14:45-15:00]	64	23 MPH	52 F	---
[15:00-15:15]	44	24 MPH	52 F	---
[15:15-15:30]	54	24 MPH	48 F	---
[15:30-15:45]	69	25 MPH	48 F	---
[15:45-16:00]	54	24 MPH	48 F	---
[16:00-16:15]	47	25 MPH	48 F	---
[16:15-16:30]	54	23 MPH	48 F	---
[16:30-16:45]	43	25 MPH	46 F	---
[16:45-17:00]	56	24 MPH	46 F	---
[17:00-17:15]	45	24 MPH	46 F	---
[17:15-17:30]	66	23 MPH	46 F	---
[17:30-17:45]	49	23 MPH	43 F	---
[17:45-18:00]	40	26 MPH	43 F	---
[18:00-18:15]	43	24 MPH	43 F	---
[18:15-18:30]	42	24 MPH	43 F	---
[18:30-18:45]	45	25 MPH	43 F	---
[18:45-19:00]	40	24 MPH	41 F	---
[19:00-19:15]	26	24 MPH	41 F	---
[19:15-19:30]	25	27 MPH	41 F	---
[19:30-19:45]	17	22 MPH	41 F	---
[19:45-20:00]	21	23 MPH	41 F	---
[20:00-20:15]	15	25 MPH	37 F	---
[20:15-20:30]	12	23 MPH	37 F	---
[20:30-20:45]	9	25 MPH	37 F	---

01/09/2020 12:03 PM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 201812 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: SB RL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 2,272 AADT Count: 2,272 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	11	25 MPH	37 F	---
[21:00-21:15]	14	24 MPH	37 F	---
[21:15-21:30]	10	26 MPH	37 F	---
[21:30-21:45]	13	28 MPH	37 F	---
[21:45-22:00]	7	26 MPH	37 F	---
[22:00-22:15]	6	23 MPH	34 F	---
[22:15-22:30]	1	18 MPH	34 F	---
[22:30-22:45]	5	24 MPH	34 F	---
[22:45-23:00]	0	0 MPH	34 F	---
[23:00-23:15]	2	25 MPH	34 F	---
[23:15-23:30]	4	23 MPH	34 F	---
[23:30-23:45]	2	25 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---
Tue,01/07/2020	1749	24 MPH	46 F	
Wed,01/08/2020				
[00:00-00:15]	1	18 MPH	32 F	---
[00:15-00:30]	0	0 MPH	32 F	---
[00:30-00:45]	2	23 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	489 F	---
[01:30-01:45]	0	0 MPH	489 F	---
[01:45-02:00]	2	18 MPH	489 F	---
[02:00-02:15]	1	12 MPH	489 F	---
[02:15-02:30]	0	0 MPH	489 F	---
[02:30-02:45]	1	22 MPH	489 F	---
[02:45-03:00]	0	0 MPH	489 F	---
[03:00-03:15]	0	0 MPH	489 F	---
[03:15-03:30]	1	18 MPH	489 F	---
[03:30-03:45]	0	0 MPH	489 F	---
[03:45-04:00]	1	22 MPH	489 F	---
[04:00-04:15]	1	28 MPH	489 F	---
[04:15-04:30]	2	23 MPH	487 F	---
[04:30-04:45]	4	25 MPH	487 F	---
[04:45-05:00]	5	25 MPH	487 F	---
[05:00-05:15]	2	25 MPH	487 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 201812 Location: Dillon Dr S/O Eagleridge Blvd Raw Count: 2,272 Operator: HH Lane: SB RL AADT Count: 2,272 Begin: 01/07/2020 11:30 AM Street: Dillon Dr S/O Eagleridge Blvd AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	3	23 MPH	487 F	---
[05:30-05:45]	1	28 MPH	487 F	---
[05:45-06:00]	10	23 MPH	487 F	---
[06:00-06:15]	2	18 MPH	487 F	---
[06:15-06:30]	3	23 MPH	487 F	---
[06:30-06:45]	9	23 MPH	487 F	---
[06:45-07:00]	17	27 MPH	487 F	---
[07:00-07:15]	8	24 MPH	487 F	---
[07:15-07:30]	4	20 MPH	487 F	---
[07:30-07:45]	15	29 MPH	487 F	---
[07:45-08:00]	11	23 MPH	487 F	---
[08:00-08:15]	15	22 MPH	487 F	---
[08:15-08:30]	16	24 MPH	489 F	---
[08:30-08:45]	13	23 MPH	489 F	---
[08:45-09:00]	30	24 MPH	32 F	---
[09:00-09:15]	19	29 MPH	34 F	---
[09:15-09:30]	22	25 MPH	37 F	---
[09:30-09:45]	21	23 MPH	41 F	---
[09:45-10:00]	35	23 MPH	43 F	---
[10:00-10:15]	28	24 MPH	46 F	---
[10:15-10:30]	40	24 MPH	48 F	---
[10:30-10:45]	37	24 MPH	52 F	---
[10:45-11:00]	53	24 MPH	52 F	---
[11:00-11:15]	46	23 MPH	52 F	---
[11:15-11:30]	42	23 MPH	52 F	---
Wed,01/08/2020	523	24 MPH	332 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	2272	24 MPH	183 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr S/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 134254. The study was done in the SB LL lane at Dillon Dr S/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/14/2020 at 12:00 PM and concluded on 01/15/2020 at 12:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 1,941 vehicles passed through the location with a peak volume of 49 on 01/14/2020 at [14:00-14:15] and a minimum volume of 0 on 01/15/2020 at [00:30-00:45]. The AADT count for this study was 1,941.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 24 MPH with 4.84% vehicles exceeding the posted speed of 30 MPH. 0.43% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was 27.47 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
0	27	255	1127	380	48	14	7	11	3	2	1	1	2	2

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 1461 which represents 78 percent of the total classified vehicles. The number of Vans & Pickups in the study was 349 which represents 19 percent of the total classified vehicles. The number of Busses & Trucks in the study was 47 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 23 which represents 1 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
1461	263	86	29	18	13	4	6							

CHART 2

HEADWAY

During the peak traffic period, on 01/14/2020 at [14:00-14:15] the average headway between vehicles was 18 seconds. During the slowest traffic period, on 01/15/2020 at [00:30-00:45] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134254 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 1,941 AADT Count: 1,941 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[12:00-12:15]	34	24 MPH	66 F	---
[12:15-12:30]	30	23 MPH	68 F	---
[12:30-12:45]	43	25 MPH	68 F	---
[12:45-13:00]	36	24 MPH	70 F	---
[13:00-13:15]	37	23 MPH	70 F	---
[13:15-13:30]	47	22 MPH	70 F	---
[13:30-13:45]	38	23 MPH	70 F	---
[13:45-14:00]	36	24 MPH	70 F	---
[14:00-14:15]	49	23 MPH	70 F	---
[14:15-14:30]	45	23 MPH	70 F	---
[14:30-14:45]	31	23 MPH	68 F	---
[14:45-15:00]	28	24 MPH	66 F	---
[15:00-15:15]	40	24 MPH	63 F	---
[15:15-15:30]	36	23 MPH	57 F	---
[15:30-15:45]	45	25 MPH	55 F	---
[15:45-16:00]	40	24 MPH	54 F	---
[16:00-16:15]	36	22 MPH	52 F	---
[16:15-16:30]	34	25 MPH	52 F	---
[16:30-16:45]	41	23 MPH	50 F	---
[16:45-17:00]	34	25 MPH	50 F	---
[17:00-17:15]	31	23 MPH	48 F	---
[17:15-17:30]	36	23 MPH	48 F	---
[17:30-17:45]	34	23 MPH	46 F	---
[17:45-18:00]	33	24 MPH	46 F	---
[18:00-18:15]	36	25 MPH	46 F	---
[18:15-18:30]	29	24 MPH	45 F	---
[18:30-18:45]	30	22 MPH	45 F	---
[18:45-19:00]	32	22 MPH	45 F	---
[19:00-19:15]	28	24 MPH	43 F	---
[19:15-19:30]	31	24 MPH	43 F	---
[19:30-19:45]	23	23 MPH	41 F	---
[19:45-20:00]	26	20 MPH	41 F	---
[20:00-20:15]	28	24 MPH	41 F	---
[20:15-20:30]	17	23 MPH	39 F	---
[20:30-20:45]	13	25 MPH	39 F	---
[20:45-21:00]	13	24 MPH	37 F	---
[21:00-21:15]	13	23 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134254 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 1,941 AADT Count: 1,941 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[21:15-21:30]	9	25 MPH	37 F	---
[21:30-21:45]	12	21 MPH	36 F	---
[21:45-22:00]	10	23 MPH	36 F	---
[22:00-22:15]	13	22 MPH	36 F	---
[22:15-22:30]	12	25 MPH	34 F	---
[22:30-22:45]	1	28 MPH	34 F	---
[22:45-23:00]	5	23 MPH	34 F	---
[23:00-23:15]	1	22 MPH	34 F	---
[23:15-23:30]	3	24 MPH	32 F	---
[23:30-23:45]	4	21 MPH	32 F	---
[23:45-00:00]	5	23 MPH	32 F	---
Tue,01/14/2020	1288	23 MPH	49 F	
Wed,01/15/2020				
[00:00-00:15]	2	25 MPH	32 F	---
[00:15-00:30]	1	18 MPH	34 F	---
[00:30-00:45]	0	0 MPH	34 F	---
[00:45-01:00]	0	0 MPH	34 F	---
[01:00-01:15]	0	0 MPH	34 F	---
[01:15-01:30]	1	18 MPH	36 F	---
[01:30-01:45]	5	17 MPH	36 F	---
[01:45-02:00]	1	28 MPH	36 F	---
[02:00-02:15]	0	0 MPH	36 F	---
[02:15-02:30]	1	18 MPH	36 F	---
[02:30-02:45]	1	18 MPH	36 F	---
[02:45-03:00]	1	28 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	2	20 MPH	36 F	---
[03:30-03:45]	2	17 MPH	36 F	---
[03:45-04:00]	5	22 MPH	36 F	---
[04:00-04:15]	4	22 MPH	36 F	---
[04:15-04:30]	3	24 MPH	36 F	---
[04:30-04:45]	5	23 MPH	36 F	---
[04:45-05:00]	5	25 MPH	36 F	---
[05:00-05:15]	5	25 MPH	36 F	---
[05:15-05:30]	10	21 MPH	36 F	---
[05:30-05:45]	10	22 MPH	36 F	---
[05:45-06:00]	7	23 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134254 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 1,941 AADT Count: 1,941 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Wed,01/15/2020

[06:00-06:15]	11	24 MPH	37 F	---
[06:15-06:30]	11	23 MPH	37 F	---
[06:30-06:45]	14	24 MPH	37 F	---
[06:45-07:00]	19	26 MPH	37 F	---
[07:00-07:15]	32	25 MPH	37 F	---
[07:15-07:30]	10	23 MPH	37 F	---
[07:30-07:45]	20	24 MPH	37 F	---
[07:45-08:00]	18	25 MPH	36 F	---
[08:00-08:15]	17	24 MPH	34 F	---
[08:15-08:30]	17	23 MPH	32 F	---
[08:30-08:45]	25	23 MPH	34 F	---
[08:45-09:00]	23	23 MPH	37 F	---
[09:00-09:15]	21	24 MPH	39 F	---
[09:15-09:30]	23	24 MPH	41 F	---
[09:30-09:45]	19	24 MPH	45 F	---
[09:45-10:00]	28	23 MPH	46 F	---
[10:00-10:15]	21	24 MPH	50 F	---
[10:15-10:30]	28	24 MPH	52 F	---
[10:30-10:45]	34	23 MPH	54 F	---
[10:45-11:00]	47	25 MPH	55 F	---
[11:00-11:15]	48	24 MPH	57 F	---
[11:15-11:30]	23	22 MPH	59 F	---
[11:30-11:45]	34	23 MPH	61 F	---
[11:45-12:00]	39	23 MPH	61 F	---

Wed,01/15/2020

653 24 MPH 40 F

01/14/2020 12:00 PM				
01/15/2020 12:00 PM	1941	24 MPH	44 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr S/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 100516. The study was done in the **NB LT lane at Dillon Dr S/O Eagleridge Blvd** in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 4,772 vehicles passed through the location with a peak volume of 127 on 01/07/2020 at [17:15-17:30] and a minimum volume of 0 on 01/08/2020 at [02:15-02:30]. The AADT count for this study was **4,772**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 15 - 20 MPH range or lower. The average speed for all classified vehicles was 19 MPH with 3.10% vehicles exceeding the posted speed of 30 MPH. 0.53% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 15MPH and the 85th percentile was **24.58 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
199	704	1340	1261	370	49	25	17	9	3	3	2	3	2	11

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 2060 which represents 52 percent of the total classified vehicles. The number of Vans & Pickups in the study was 1622 which represents 41 percent of the total classified vehicles. The number of Busses & Trucks in the study was 215 which represents 5 percent of the total classified vehicles. The number of Tractor Trailers in the study was 101 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
2060	1239	383	163	52	35	22	44							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [17:15-17:30] the average headway between vehicles was 7.031 seconds. During the slowest traffic period, on 01/08/2020 at [02:15-02:30] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 66.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 100516 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB LT Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 4,772 AADT Count: 4,772 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	91	19 MPH	63 F	---
[11:45-12:00]	93	17 MPH	63 F	---
[12:00-12:15]	90	19 MPH	64 F	---
[12:15-12:30]	82	19 MPH	64 F	---
[12:30-12:45]	114	16 MPH	64 F	---
[12:45-13:00]	102	18 MPH	64 F	---
[13:00-13:15]	100	18 MPH	64 F	---
[13:15-13:30]	108	18 MPH	66 F	---
[13:30-13:45]	89	19 MPH	66 F	---
[13:45-14:00]	113	18 MPH	66 F	---
[14:00-14:15]	107	19 MPH	66 F	---
[14:15-14:30]	106	17 MPH	66 F	---
[14:30-14:45]	107	19 MPH	66 F	---
[14:45-15:00]	107	18 MPH	64 F	---
[15:00-15:15]	96	19 MPH	61 F	---
[15:15-15:30]	97	20 MPH	57 F	---
[15:30-15:45]	115	18 MPH	57 F	---
[15:45-16:00]	99	17 MPH	55 F	---
[16:00-16:15]	110	17 MPH	54 F	---
[16:15-16:30]	114	17 MPH	54 F	---
[16:30-16:45]	123	15 MPH	54 F	---
[16:45-17:00]	100	16 MPH	54 F	---
[17:00-17:15]	120	14 MPH	54 F	---
[17:15-17:30]	127	15 MPH	52 F	---
[17:30-17:45]	96	17 MPH	50 F	---
[17:45-18:00]	82	20 MPH	48 F	---
[18:00-18:15]	93	20 MPH	48 F	---
[18:15-18:30]	100	17 MPH	46 F	---
[18:30-18:45]	73	20 MPH	46 F	---
[18:45-19:00]	54	19 MPH	45 F	---
[19:00-19:15]	61	22 MPH	45 F	---
[19:15-19:30]	57	21 MPH	43 F	---
[19:30-19:45]	40	21 MPH	43 F	---
[19:45-20:00]	52	21 MPH	43 F	---
[20:00-20:15]	35	20 MPH	41 F	---
[20:15-20:30]	39	21 MPH	41 F	---
[20:30-20:45]	30	22 MPH	41 F	---

01/09/2020 12:01 PM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 100516 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB LT Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 4,772 AADT Count: 4,772 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	21	22 MPH	39 F	---
[21:00-21:15]	34	20 MPH	39 F	---
[21:15-21:30]	29	22 MPH	39 F	---
[21:30-21:45]	17	22 MPH	37 F	---
[21:45-22:00]	15	20 MPH	37 F	---
[22:00-22:15]	27	23 MPH	37 F	---
[22:15-22:30]	10	23 MPH	37 F	---
[22:30-22:45]	11	20 MPH	36 F	---
[22:45-23:00]	5	24 MPH	36 F	---
[23:00-23:15]	6	26 MPH	34 F	---
[23:15-23:30]	7	21 MPH	34 F	---
[23:30-23:45]	9	25 MPH	34 F	---
[23:45-00:00]	14	27 MPH	34 F	---
Tue,01/07/2020	3527	19 MPH	50 F	
Wed,01/08/2020				
[00:00-00:15]	6	21 MPH	32 F	---
[00:15-00:30]	9	24 MPH	32 F	---
[00:30-00:45]	9	19 MPH	32 F	---
[00:45-01:00]	3	21 MPH	32 F	---
[01:00-01:15]	3	24 MPH	34 F	---
[01:15-01:30]	2	28 MPH	34 F	---
[01:30-01:45]	1	18 MPH	34 F	---
[01:45-02:00]	3	31 MPH	34 F	---
[02:00-02:15]	2	18 MPH	34 F	---
[02:15-02:30]	0	0 MPH	34 F	---
[02:30-02:45]	2	33 MPH	36 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	0	0 MPH	36 F	---
[03:30-03:45]	2	33 MPH	36 F	---
[03:45-04:00]	4	19 MPH	36 F	---
[04:00-04:15]	1	28 MPH	36 F	---
[04:15-04:30]	9	24 MPH	36 F	---
[04:30-04:45]	4	20 MPH	37 F	---
[04:45-05:00]	11	25 MPH	37 F	---
[05:00-05:15]	13	22 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 100516 Location: Dillon Dr S/O Eagleridge Blvd Raw Count: 4,772 Operator: HH Lane: NB LT AADT Count: 4,772 Begin: 01/07/2020 11:30 AM Street: Dillon Dr S/O Eagleridge Blvd AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	8	25 MPH	37 F	---
[05:30-05:45]	14	27 MPH	37 F	---
[05:45-06:00]	20	21 MPH	37 F	---
[06:00-06:15]	28	22 MPH	37 F	---
[06:15-06:30]	27	23 MPH	37 F	---
[06:30-06:45]	32	22 MPH	37 F	---
[06:45-07:00]	33	23 MPH	39 F	---
[07:00-07:15]	34	22 MPH	39 F	---
[07:15-07:30]	47	20 MPH	39 F	---
[07:30-07:45]	50	22 MPH	37 F	---
[07:45-08:00]	44	23 MPH	37 F	---
[08:00-08:15]	43	24 MPH	37 F	---
[08:15-08:30]	56	21 MPH	36 F	---
[08:30-08:45]	40	21 MPH	34 F	---
[08:45-09:00]	48	20 MPH	32 F	---
[09:00-09:15]	43	22 MPH	36 F	---
[09:15-09:30]	52	20 MPH	37 F	---
[09:30-09:45]	58	20 MPH	41 F	---
[09:45-10:00]	61	21 MPH	45 F	---
[10:00-10:15]	70	20 MPH	48 F	---
[10:15-10:30]	68	21 MPH	50 F	---
[10:30-10:45]	47	20 MPH	52 F	---
[10:45-11:00]	75	21 MPH	52 F	---
[11:00-11:15]	88	18 MPH	52 F	---
[11:15-11:30]	75	18 MPH	52 F	---
Wed,01/08/2020	1245	21 MPH	38 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	4772	19 MPH	44 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr S/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 90499. The study was done in the NB LL lane at Dillon Dr S/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 269 vehicles passed through the location with a peak volume of 15 on 01/07/2020 at [18:30-18:45] and a minimum volume of 0 on 01/07/2020 at [21:15-21:30]. The AADT count for this study was 269.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 22 MPH with 6.45% vehicles exceeding the posted speed of 30 MPH. 1.61% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was 26.86 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
3	20	76	98	35	7	4	1	0	0	1	0	1	1	1

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 175 which represents 71 percent of the total classified vehicles. The number of Vans & Pickups in the study was 58 which represents 23 percent of the total classified vehicles. The number of Busses & Trucks in the study was 8 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 7 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
175	42	16	5	3	2	0	5							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [18:30-18:45] the average headway between vehicles was 56.25 seconds. During the slowest traffic period, on 01/07/2020 at [21:15-21:30] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90499 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB LL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 269 AADT Count: 269 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
[11:30-11:45]	4	21 MPH	66 F	---
[11:45-12:00]	7	19 MPH	68 F	---
[12:00-12:15]	8	24 MPH	68 F	---
[12:15-12:30]	3	17 MPH	70 F	---
[12:30-12:45]	1	18 MPH	70 F	---
[12:45-13:00]	5	29 MPH	70 F	---
[13:00-13:15]	4	33 MPH	70 F	---
[13:15-13:30]	5	20 MPH	70 F	---
[13:30-13:45]	1	18 MPH	70 F	---
[13:45-14:00]	3	23 MPH	70 F	---
[14:00-14:15]	4	19 MPH	70 F	---
[14:15-14:30]	3	23 MPH	68 F	---
[14:30-14:45]	1	22 MPH	66 F	---
[14:45-15:00]	2	25 MPH	64 F	---
[15:00-15:15]	4	19 MPH	64 F	---
[15:15-15:30]	3	21 MPH	61 F	---
[15:30-15:45]	5	20 MPH	57 F	---
[15:45-16:00]	2	20 MPH	55 F	---
[16:00-16:15]	8	23 MPH	52 F	---
[16:15-16:30]	5	25 MPH	50 F	---
[16:30-16:45]	10	20 MPH	50 F	---
[16:45-17:00]	9	20 MPH	48 F	---
[17:00-17:15]	10	18 MPH	46 F	---
[17:15-17:30]	6	23 MPH	45 F	---
[17:30-17:45]	4	24 MPH	45 F	---
[17:45-18:00]	6	19 MPH	43 F	---
[18:00-18:15]	7	19 MPH	43 F	---
[18:15-18:30]	11	23 MPH	43 F	---
[18:30-18:45]	15	22 MPH	41 F	---
[18:45-19:00]	9	25 MPH	39 F	---
[19:00-19:15]	5	25 MPH	39 F	---
[19:15-19:30]	1	18 MPH	39 F	---
[19:30-19:45]	6	22 MPH	39 F	---
[19:45-20:00]	2	25 MPH	39 F	---
[20:00-20:15]	1	18 MPH	39 F	---
[20:15-20:30]	3	21 MPH	37 F	---
[20:30-20:45]	2	23 MPH	37 F	---

01/09/2020 11:59 AM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90499 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB LL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 269 AADT Count: 269 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	1	4 MPH	37 F	---
[21:00-21:15]	1	28 MPH	37 F	---
[21:15-21:30]	0	0 MPH	37 F	---
[21:30-21:45]	3	23 MPH	36 F	---
[21:45-22:00]	0	0 MPH	36 F	---
[22:00-22:15]	0	0 MPH	36 F	---
[22:15-22:30]	1	18 MPH	36 F	---
[22:30-22:45]	1	22 MPH	34 F	---
[22:45-23:00]	1	0 MPH	34 F	---
[23:00-23:15]	2	20 MPH	34 F	---
[23:15-23:30]	1	18 MPH	32 F	---
[23:30-23:45]	0	0 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---
Tue,01/07/2020	196	22 MPH	49 F	
Wed,01/08/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	0	0 MPH	34 F	---
[00:45-01:00]	1	22 MPH	34 F	---
[01:00-01:15]	0	0 MPH	34 F	---
[01:15-01:30]	2	22 MPH	36 F	---
[01:30-01:45]	0	0 MPH	36 F	---
[01:45-02:00]	0	0 MPH	36 F	---
[02:00-02:15]	1	18 MPH	36 F	---
[02:15-02:30]	0	0 MPH	36 F	---
[02:30-02:45]	0	0 MPH	36 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	0	0 MPH	37 F	---
[03:30-03:45]	0	0 MPH	37 F	---
[03:45-04:00]	0	0 MPH	37 F	---
[04:00-04:15]	0	0 MPH	37 F	---
[04:15-04:30]	0	0 MPH	37 F	---
[04:30-04:45]	1	18 MPH	37 F	---
[04:45-05:00]	0	0 MPH	39 F	---
[05:00-05:15]	0	0 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 90499 Location: Dillon Dr S/O Eagleridge Blvd Raw Count: 269 Operator: HH Lane: NB LL AADT Count: 269 Begin: 01/07/2020 11:30 AM Street: Dillon Dr S/O Eagleridge Blvd AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	0	0 MPH	39 F	---
[05:30-05:45]	0	0 MPH	39 F	---
[05:45-06:00]	0	0 MPH	39 F	---
[06:00-06:15]	2	25 MPH	39 F	---
[06:15-06:30]	0	0 MPH	39 F	---
[06:30-06:45]	2	17 MPH	39 F	---
[06:45-07:00]	4	42 MPH	39 F	---
[07:00-07:15]	3	20 MPH	39 F	---
[07:15-07:30]	6	25 MPH	41 F	---
[07:30-07:45]	3	23 MPH	39 F	---
[07:45-08:00]	7	23 MPH	39 F	---
[08:00-08:15]	2	18 MPH	37 F	---
[08:15-08:30]	1	22 MPH	37 F	---
[08:30-08:45]	1	18 MPH	36 F	---
[08:45-09:00]	4	19 MPH	32 F	---
[09:00-09:15]	1	12 MPH	36 F	---
[09:15-09:30]	3	25 MPH	37 F	---
[09:30-09:45]	5	20 MPH	41 F	---
[09:45-10:00]	0	0 MPH	46 F	---
[10:00-10:15]	5	16 MPH	50 F	---
[10:15-10:30]	4	32 MPH	52 F	---
[10:30-10:45]	3	37 MPH	54 F	---
[10:45-11:00]	4	22 MPH	54 F	---
[11:00-11:15]	5	20 MPH	54 F	---
[11:15-11:30]	3	24 MPH	54 F	---
Wed,01/08/2020	73	23 MPH	39 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	269	22 MPH	45 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr S/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 90498. The study was done in the NB RL lane at Dillon Dr S/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 215 vehicles passed through the location with a peak volume of 11 on 01/07/2020 at [16:00-16:15] and a minimum volume of 0 on 01/07/2020 at [20:30-20:45]. The AADT count for this study was 215.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 20 - 25 MPH range or lower. The average speed for all classified vehicles was 25 MPH with 9.18% vehicles exceeding the posted speed of 30 MPH. 0.97% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 20MPH and the 85th percentile was 29.08 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
0	3	19	95	71	13	3	0	0	1	0	2	0	0	0

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 79 which represents 38 percent of the total classified vehicles. The number of Vans & Pickups in the study was 109 which represents 53 percent of the total classified vehicles. The number of Busses & Trucks in the study was 15 which represents 7 percent of the total classified vehicles. The number of Tractor Trailers in the study was 4 which represents 2 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
79	81	28	11	4	1	1	2							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [16:00-16:15] the average headway between vehicles was 75 seconds. During the slowest traffic period, on 01/07/2020 at [20:30-20:45] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 68.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90498 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB RL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 215 AADT Count: 215 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
[11:30-11:45]	7	27 MPH	64 F	---
[11:45-12:00]	2	23 MPH	64 F	---
[12:00-12:15]	3	24 MPH	66 F	---
[12:15-12:30]	3	26 MPH	66 F	---
[12:30-12:45]	1	28 MPH	68 F	---
[12:45-13:00]	7	24 MPH	68 F	---
[13:00-13:15]	2	20 MPH	68 F	---
[13:15-13:30]	2	25 MPH	68 F	---
[13:30-13:45]	8	28 MPH	68 F	---
[13:45-14:00]	2	30 MPH	68 F	---
[14:00-14:15]	3	27 MPH	68 F	---
[14:15-14:30]	3	29 MPH	66 F	---
[14:30-14:45]	3	37 MPH	66 F	---
[14:45-15:00]	3	23 MPH	64 F	---
[15:00-15:15]	2	23 MPH	63 F	---
[15:15-15:30]	9	27 MPH	63 F	---
[15:30-15:45]	4	34 MPH	59 F	---
[15:45-16:00]	5	22 MPH	55 F	---
[16:00-16:15]	11	26 MPH	54 F	---
[16:15-16:30]	5	25 MPH	52 F	---
[16:30-16:45]	7	21 MPH	50 F	---
[16:45-17:00]	7	24 MPH	48 F	---
[17:00-17:15]	11	28 MPH	46 F	---
[17:15-17:30]	9	25 MPH	45 F	---
[17:30-17:45]	5	19 MPH	45 F	---
[17:45-18:00]	9	24 MPH	43 F	---
[18:00-18:15]	4	24 MPH	43 F	---
[18:15-18:30]	9	25 MPH	43 F	---
[18:30-18:45]	1	18 MPH	41 F	---
[18:45-19:00]	7	22 MPH	39 F	---
[19:00-19:15]	4	25 MPH	39 F	---
[19:15-19:30]	2	28 MPH	39 F	---
[19:30-19:45]	2	28 MPH	39 F	---
[19:45-20:00]	1	22 MPH	39 F	---
[20:00-20:15]	3	24 MPH	37 F	---
[20:15-20:30]	3	23 MPH	37 F	---
[20:30-20:45]	0	0 MPH	37 F	---

01/09/2020 12:00 PM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90498 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr S/O Eagleridge Blvd Lane: NB RL Street: Dillon Dr S/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 215 AADT Count: 215 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	3	24 MPH	37 F	---
[21:00-21:15]	1	28 MPH	37 F	---
[21:15-21:30]	2	23 MPH	37 F	---
[21:30-21:45]	1	22 MPH	36 F	---
[21:45-22:00]	0	0 MPH	36 F	---
[22:00-22:15]	1	18 MPH	36 F	---
[22:15-22:30]	0	0 MPH	34 F	---
[22:30-22:45]	0	0 MPH	34 F	---
[22:45-23:00]	0	0 MPH	34 F	---
[23:00-23:15]	0	0 MPH	32 F	---
[23:15-23:30]	0	0 MPH	32 F	---
[23:30-23:45]	0	0 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---
Tue,01/07/2020	177	25 MPH	49 F	
Wed,01/08/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	0	0 MPH	34 F	---
[00:45-01:00]	0	0 MPH	34 F	---
[01:00-01:15]	0	0 MPH	34 F	---
[01:15-01:30]	0	0 MPH	36 F	---
[01:30-01:45]	0	0 MPH	36 F	---
[01:45-02:00]	0	0 MPH	36 F	---
[02:00-02:15]	0	0 MPH	36 F	---
[02:15-02:30]	0	0 MPH	36 F	---
[02:30-02:45]	0	0 MPH	36 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	37 F	---
[03:15-03:30]	0	0 MPH	37 F	---
[03:30-03:45]	0	0 MPH	37 F	---
[03:45-04:00]	0	0 MPH	37 F	---
[04:00-04:15]	0	0 MPH	37 F	---
[04:15-04:30]	0	0 MPH	37 F	---
[04:30-04:45]	0	0 MPH	37 F	---
[04:45-05:00]	0	0 MPH	39 F	---
[05:00-05:15]	0	0 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 90498 Location: Dillon Dr S/O Eagleridge Blvd Raw Count: 215 Operator: HH Lane: NB RL ADT Count: 215 Begin: 01/07/2020 11:30 AM Street: Dillon Dr S/O Eagleridge Blvd ADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	0	0 MPH	39 F	---
[05:30-05:45]	0	0 MPH	39 F	---
[05:45-06:00]	0	0 MPH	39 F	---
[06:00-06:15]	0	0 MPH	39 F	---
[06:15-06:30]	0	0 MPH	39 F	---
[06:30-06:45]	0	0 MPH	39 F	---
[06:45-07:00]	0	0 MPH	39 F	---
[07:00-07:15]	0	0 MPH	39 F	---
[07:15-07:30]	2	28 MPH	41 F	---
[07:30-07:45]	3	24 MPH	39 F	---
[07:45-08:00]	5	26 MPH	39 F	---
[08:00-08:15]	2	25 MPH	39 F	---
[08:15-08:30]	2	23 MPH	37 F	---
[08:30-08:45]	4	25 MPH	36 F	---
[08:45-09:00]	1	22 MPH	34 F	---
[09:00-09:15]	2	20 MPH	34 F	---
[09:15-09:30]	1	22 MPH	36 F	---
[09:30-09:45]	0	0 MPH	39 F	---
[09:45-10:00]	1	22 MPH	45 F	---
[10:00-10:15]	0	0 MPH	48 F	---
[10:15-10:30]	0	0 MPH	50 F	---
[10:30-10:45]	4	25 MPH	52 F	---
[10:45-11:00]	5	26 MPH	52 F	---
[11:00-11:15]	3	26 MPH	52 F	---
[11:15-11:30]	3	27 MPH	52 F	---
Wed,01/08/2020	38	25 MPH	39 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	215	25 MPH	44 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr N/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 134255. The study was done in the **NB lane at Dillon Dr N/O Eagleridge Blvd** in Pueblo, CO in Pueblo county. The study began on 01/14/2020 at 12:00 PM and concluded on 01/15/2020 at 12:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 686 vehicles passed through the location with a peak volume of 30 on 01/14/2020 at [16:00-16:15] and a minimum volume of 0 on 01/14/2020 at [21:45-22:00]. The AADT count for this study was **686**.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 15 - 20 MPH range or lower. The average speed for all classified vehicles was 20 MPH with 5.14% vehicles exceeding the posted speed of 30 MPH. 1.12% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 15MPH and the 85th percentile was **24.08 MPH**.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
7	58	313	185	28	14	6	3	0	2	2	0	1	1	3

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 514 which represents 83 percent of the total classified vehicles. The number of Vans & Pickups in the study was 73 which represents 12 percent of the total classified vehicles. The number of Busses & Trucks in the study was 24 which represents 4 percent of the total classified vehicles. The number of Tractor Trailers in the study was 12 which represents 2 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
514	57	16	14	10	4	3	5							

CHART 2

HEADWAY

During the peak traffic period, on 01/14/2020 at [16:00-16:15] the average headway between vehicles was 29.032 seconds. During the slowest traffic period, on 01/14/2020 at [21:45-22:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 68.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134255 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: NB Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 686 AADT Count: 686 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, 01/14/2020				
[12:00-12:15]	20	21 MPH	63 F	---
[12:15-12:30]	13	18 MPH	64 F	---
[12:30-12:45]	18	20 MPH	66 F	---
[12:45-13:00]	14	19 MPH	66 F	---
[13:00-13:15]	16	24 MPH	68 F	---
[13:15-13:30]	20	18 MPH	68 F	---
[13:30-13:45]	12	18 MPH	68 F	---
[13:45-14:00]	17	19 MPH	66 F	---
[14:00-14:15]	10	20 MPH	66 F	---
[14:15-14:30]	17	20 MPH	64 F	---
[14:30-14:45]	7	20 MPH	64 F	---
[14:45-15:00]	10	16 MPH	63 F	---
[15:00-15:15]	8	20 MPH	61 F	---
[15:15-15:30]	18	20 MPH	61 F	---
[15:30-15:45]	13	18 MPH	59 F	---
[15:45-16:00]	19	21 MPH	57 F	---
[16:00-16:15]	30	19 MPH	55 F	---
[16:15-16:30]	17	20 MPH	54 F	---
[16:30-16:45]	22	19 MPH	52 F	---
[16:45-17:00]	20	19 MPH	50 F	---
[17:00-17:15]	27	25 MPH	50 F	---
[17:15-17:30]	24	19 MPH	48 F	---
[17:30-17:45]	24	22 MPH	48 F	---
[17:45-18:00]	18	19 MPH	46 F	---
[18:00-18:15]	19	19 MPH	46 F	---
[18:15-18:30]	13	22 MPH	46 F	---
[18:30-18:45]	15	20 MPH	45 F	---
[18:45-19:00]	9	19 MPH	45 F	---
[19:00-19:15]	14	18 MPH	43 F	---
[19:15-19:30]	10	20 MPH	43 F	---
[19:30-19:45]	7	21 MPH	41 F	---
[19:45-20:00]	8	18 MPH	41 F	---
[20:00-20:15]	8	20 MPH	41 F	---
[20:15-20:30]	7	20 MPH	39 F	---
[20:30-20:45]	6	20 MPH	39 F	---
[20:45-21:00]	6	18 MPH	37 F	---
[21:00-21:15]	8	20 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134255 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: NB Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 686 AADT Count: 686 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[21:15-21:30]	8	23 MPH	37 F	---
[21:30-21:45]	1	0 MPH	37 F	---
[21:45-22:00]	0	0 MPH	36 F	---
[22:00-22:15]	1	12 MPH	36 F	---
[22:15-22:30]	0	0 MPH	36 F	---
[22:30-22:45]	0	0 MPH	34 F	---
[22:45-23:00]	0	0 MPH	34 F	---
[23:00-23:15]	0	0 MPH	34 F	---
[23:15-23:30]	0	0 MPH	34 F	---
[23:30-23:45]	0	0 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---
Tue,01/14/2020	554	20 MPH	49 F	
Wed,01/15/2020				
[00:00-00:15]	1	12 MPH	32 F	---
[00:15-00:30]	0	0 MPH	32 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	1	22 MPH	34 F	---
[01:00-01:15]	0	0 MPH	34 F	---
[01:15-01:30]	0	0 MPH	34 F	---
[01:30-01:45]	0	0 MPH	34 F	---
[01:45-02:00]	1	18 MPH	34 F	---
[02:00-02:15]	0	0 MPH	34 F	---
[02:15-02:30]	0	0 MPH	36 F	---
[02:30-02:45]	1	22 MPH	36 F	---
[02:45-03:00]	0	0 MPH	36 F	---
[03:00-03:15]	0	0 MPH	36 F	---
[03:15-03:30]	0	0 MPH	36 F	---
[03:30-03:45]	0	0 MPH	36 F	---
[03:45-04:00]	0	0 MPH	36 F	---
[04:00-04:15]	0	0 MPH	36 F	---
[04:15-04:30]	0	0 MPH	36 F	---
[04:30-04:45]	0	0 MPH	36 F	---
[04:45-05:00]	0	0 MPH	36 F	---
[05:00-05:15]	1	18 MPH	36 F	---
[05:15-05:30]	0	0 MPH	36 F	---
[05:30-05:45]	1	18 MPH	36 F	---
[05:45-06:00]	0	0 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 134255 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: NB Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 686 AADT Count: 686 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Wed,01/15/2020

[06:00-06:15]	1	22 MPH	36 F	---
[06:15-06:30]	2	12 MPH	37 F	---
[06:30-06:45]	4	23 MPH	37 F	---
[06:45-07:00]	8	25 MPH	37 F	---
[07:00-07:15]	7	17 MPH	37 F	---
[07:15-07:30]	16	22 MPH	37 F	---
[07:30-07:45]	11	21 MPH	37 F	---
[07:45-08:00]	9	18 MPH	36 F	---
[08:00-08:15]	6	23 MPH	36 F	---
[08:15-08:30]	1	75 MPH	36 F	---
[08:30-08:45]	0	0 MPH	32 F	---
[08:45-09:00]	3	18 MPH	36 F	---
[09:00-09:15]	2	12 MPH	39 F	---
[09:15-09:30]	2	22 MPH	41 F	---
[09:30-09:45]	1	0 MPH	43 F	---
[09:45-10:00]	2	22 MPH	41 F	---
[10:00-10:15]	3	38 MPH	46 F	---
[10:15-10:30]	3	25 MPH	50 F	---
[10:30-10:45]	2	18 MPH	52 F	---
[10:45-11:00]	4	15 MPH	54 F	---
[11:00-11:15]	10	19 MPH	55 F	---
[11:15-11:30]	6	25 MPH	57 F	---
[11:30-11:45]	10	17 MPH	59 F	---
[11:45-12:00]	13	20 MPH	61 F	---

Wed,01/15/2020

132 21 MPH 39 F

01/14/2020 12:00 PM				
01/15/2020 12:00 PM	686	20 MPH	44 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr N/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 100516. The study was done in the SB LL lane at Dillon Dr N/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/14/2020 at 12:00 PM and concluded on 01/15/2020 at 12:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 281 vehicles passed through the location with a peak volume of 11 on 01/15/2020 at [10:45-11:00] and a minimum volume of 0 on 01/14/2020 at [22:00-22:15]. The AADT count for this study was 281.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 10 - 15 MPH range or lower. The average speed for all classified vehicles was 16 MPH with 3.90% vehicles exceeding the posted speed of 30 MPH. 1.73% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 10MPH and the 85th percentile was 19.20 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
8	114	88	11	1	1	0	1	2	1	1	0	0	0	3

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 151 which represents 65 percent of the total classified vehicles. The number of Vans & Pickups in the study was 64 which represents 28 percent of the total classified vehicles. The number of Busses & Trucks in the study was 8 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 8 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
151	49	15	6	2	1	0	7							

CHART 2

HEADWAY

During the peak traffic period, on 01/15/2020 at [10:45-11:00] the average headway between vehicles was 75 seconds. During the slowest traffic period, on 01/14/2020 at [22:00-22:15] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 72.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 100516 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 281 ADT Count: 281 ADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Tue, 01/14/2020				
[12:00-12:15]	8	16 MPH	66 F	---
[12:15-12:30]	4	16 MPH	68 F	---
[12:30-12:45]	5	14 MPH	70 F	---
[12:45-13:00]	5	13 MPH	72 F	---
[13:00-13:15]	6	15 MPH	72 F	---
[13:15-13:30]	7	15 MPH	72 F	---
[13:30-13:45]	3	12 MPH	72 F	---
[13:45-14:00]	7	14 MPH	70 F	---
[14:00-14:15]	4	15 MPH	70 F	---
[14:15-14:30]	4	16 MPH	68 F	---
[14:30-14:45]	2	18 MPH	68 F	---
[14:45-15:00]	4	16 MPH	66 F	---
[15:00-15:15]	1	18 MPH	64 F	---
[15:15-15:30]	5	16 MPH	63 F	---
[15:30-15:45]	7	14 MPH	61 F	---
[15:45-16:00]	6	26 MPH	59 F	---
[16:00-16:15]	7	28 MPH	57 F	---
[16:15-16:30]	4	14 MPH	55 F	---
[16:30-16:45]	4	15 MPH	54 F	---
[16:45-17:00]	8	16 MPH	52 F	---
[17:00-17:15]	8	16 MPH	50 F	---
[17:15-17:30]	7	18 MPH	48 F	---
[17:30-17:45]	10	17 MPH	48 F	---
[17:45-18:00]	5	14 MPH	46 F	---
[18:00-18:15]	9	15 MPH	46 F	---
[18:15-18:30]	7	15 MPH	46 F	---
[18:30-18:45]	6	14 MPH	45 F	---
[18:45-19:00]	1	18 MPH	43 F	---
[19:00-19:15]	5	16 MPH	43 F	---
[19:15-19:30]	8	15 MPH	41 F	---
[19:30-19:45]	6	16 MPH	41 F	---
[19:45-20:00]	9	11 MPH	39 F	---
[20:00-20:15]	7	26 MPH	39 F	---
[20:15-20:30]	1	12 MPH	39 F	---
[20:30-20:45]	6	21 MPH	37 F	---
[20:45-21:00]	8	13 MPH	37 F	---
[21:00-21:15]	3	18 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 100516 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 281 AADT Count: 281 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[21:15-21:30]	5	14 MPH	36 F	---
[21:30-21:45]	4	14 MPH	36 F	---
[21:45-22:00]	1	18 MPH	34 F	---
[22:00-22:15]	0	0 MPH	34 F	---
[22:15-22:30]	1	18 MPH	34 F	---
[22:30-22:45]	0	0 MPH	32 F	---
[22:45-23:00]	0	0 MPH	32 F	---
[23:00-23:15]	0	0 MPH	32 F	---
[23:15-23:30]	0	0 MPH	32 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	0	0 MPH	34 F	---
Tue,01/14/2020	218	16 MPH	50 F	
Wed,01/15/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	0	0 MPH	34 F	---
[00:45-01:00]	0	0 MPH	36 F	---
[01:00-01:15]	0	0 MPH	36 F	---
[01:15-01:30]	0	0 MPH	36 F	---
[01:30-01:45]	0	0 MPH	36 F	---
[01:45-02:00]	1	12 MPH	36 F	---
[02:00-02:15]	0	0 MPH	37 F	---
[02:15-02:30]	0	0 MPH	37 F	---
[02:30-02:45]	0	0 MPH	37 F	---
[02:45-03:00]	0	0 MPH	37 F	---
[03:00-03:15]	0	0 MPH	37 F	---
[03:15-03:30]	0	0 MPH	37 F	---
[03:30-03:45]	0	0 MPH	37 F	---
[03:45-04:00]	0	0 MPH	37 F	---
[04:00-04:15]	0	0 MPH	37 F	---
[04:15-04:30]	0	0 MPH	37 F	---
[04:30-04:45]	1	12 MPH	37 F	---
[04:45-05:00]	0	0 MPH	37 F	---
[05:00-05:15]	0	0 MPH	37 F	---
[05:15-05:30]	1	28 MPH	37 F	---
[05:30-05:45]	0	0 MPH	37 F	---
[05:45-06:00]	0	0 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 100516 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB LL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 281 AADT Count: 281 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Wed,01/15/2020

[06:00-06:15]	0	0 MPH	39 F	---
[06:15-06:30]	0	0 MPH	39 F	---
[06:30-06:45]	0	0 MPH	39 F	---
[06:45-07:00]	4	18 MPH	39 F	---
[07:00-07:15]	1	18 MPH	39 F	---
[07:15-07:30]	0	0 MPH	39 F	---
[07:30-07:45]	1	22 MPH	39 F	---
[07:45-08:00]	2	15 MPH	37 F	---
[08:00-08:15]	1	0 MPH	36 F	---
[08:15-08:30]	1	48 MPH	34 F	---
[08:30-08:45]	1	12 MPH	32 F	---
[08:45-09:00]	0	0 MPH	36 F	---
[09:00-09:15]	3	13 MPH	37 F	---
[09:15-09:30]	1	0 MPH	41 F	---
[09:30-09:45]	2	12 MPH	43 F	---
[09:45-10:00]	3	13 MPH	45 F	---
[10:00-10:15]	2	15 MPH	48 F	---
[10:15-10:30]	2	58 MPH	50 F	---
[10:30-10:45]	7	13 MPH	52 F	---
[10:45-11:00]	11	19 MPH	54 F	---
[11:00-11:15]	3	14 MPH	55 F	---
[11:15-11:30]	5	14 MPH	57 F	---
[11:30-11:45]	9	16 MPH	59 F	---
[11:45-12:00]	1	22 MPH	61 F	---

Wed,01/15/2020

63

17 MPH

40 F

01/14/2020 12:00 PM		
01/15/2020 12:00 PM	281	16 MPH 45 F

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr N/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 90498. The study was done in the SB RL lane at Dillon Dr N/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/14/2020 at 12:00 PM and concluded on 01/15/2020 at 12:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 249 vehicles passed through the location with a peak volume of 11 on 01/14/2020 at [16:30-16:45] and a minimum volume of 0 on 01/14/2020 at [14:45-15:00]. The AADT count for this study was 249.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 15 - 20 MPH range or lower. The average speed for all classified vehicles was 18 MPH with 2.91% vehicles exceeding the posted speed of 30 MPH. 0.97% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 15MPH and the 85th percentile was 21.77 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
5	38	121	31	5	1	2	1	0	0	0	1	0	0	1

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 90 which represents 44 percent of the total classified vehicles. The number of Vans & Pickups in the study was 93 which represents 45 percent of the total classified vehicles. The number of Busses & Trucks in the study was 16 which represents 8 percent of the total classified vehicles. The number of Tractor Trailers in the study was 7 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
90	61	32	11	5	5	1	1							

CHART 2

HEADWAY

During the peak traffic period, on 01/14/2020 at [16:30-16:45] the average headway between vehicles was 75 seconds. During the slowest traffic period, on 01/14/2020 at [14:45-15:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90498 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB RL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 249 ADT Count: 249 ADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[12:00-12:15]	10	16 MPH	64 F	---
[12:15-12:30]	3	23 MPH	68 F	---
[12:30-12:45]	6	29 MPH	68 F	---
[12:45-13:00]	7	25 MPH	70 F	---
[13:00-13:15]	5	15 MPH	70 F	---
[13:15-13:30]	6	16 MPH	70 F	---
[13:30-13:45]	1	12 MPH	70 F	---
[13:45-14:00]	5	18 MPH	70 F	---
[14:00-14:15]	6	19 MPH	70 F	---
[14:15-14:30]	3	17 MPH	68 F	---
[14:30-14:45]	4	17 MPH	68 F	---
[14:45-15:00]	0	0 MPH	66 F	---
[15:00-15:15]	2	18 MPH	64 F	---
[15:15-15:30]	5	16 MPH	63 F	---
[15:30-15:45]	5	16 MPH	61 F	---
[15:45-16:00]	3	17 MPH	59 F	---
[16:00-16:15]	9	16 MPH	57 F	---
[16:15-16:30]	2	18 MPH	55 F	---
[16:30-16:45]	11	14 MPH	54 F	---
[16:45-17:00]	7	17 MPH	52 F	---
[17:00-17:15]	9	16 MPH	50 F	---
[17:15-17:30]	6	20 MPH	48 F	---
[17:30-17:45]	4	19 MPH	46 F	---
[17:45-18:00]	6	18 MPH	46 F	---
[18:00-18:15]	6	18 MPH	46 F	---
[18:15-18:30]	6	18 MPH	45 F	---
[18:30-18:45]	6	17 MPH	45 F	---
[18:45-19:00]	6	17 MPH	43 F	---
[19:00-19:15]	5	17 MPH	41 F	---
[19:15-19:30]	6	14 MPH	41 F	---
[19:30-19:45]	1	0 MPH	39 F	---
[19:45-20:00]	7	17 MPH	39 F	---
[20:00-20:15]	2	20 MPH	39 F	---
[20:15-20:30]	3	19 MPH	37 F	---
[20:30-20:45]	1	22 MPH	37 F	---
[20:45-21:00]	3	19 MPH	36 F	---
[21:00-21:15]	4	20 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90498 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB RL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 249 AADT Count: 249 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/14/2020				
[21:15-21:30]	3	19 MPH	36 F	---
[21:30-21:45]	2	18 MPH	34 F	---
[21:45-22:00]	2	15 MPH	34 F	---
[22:00-22:15]	0	0 MPH	34 F	---
[22:15-22:30]	0	0 MPH	32 F	---
[22:30-22:45]	0	0 MPH	32 F	---
[22:45-23:00]	0	0 MPH	32 F	---
[23:00-23:15]	0	0 MPH	32 F	---
[23:15-23:30]	0	0 MPH	34 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	0	0 MPH	34 F	---
Tue,01/14/2020	188	18 MPH	49 F	
Wed,01/15/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	0	0 MPH	36 F	---
[00:45-01:00]	0	0 MPH	36 F	---
[01:00-01:15]	0	0 MPH	36 F	---
[01:15-01:30]	0	0 MPH	36 F	---
[01:30-01:45]	0	0 MPH	37 F	---
[01:45-02:00]	0	0 MPH	37 F	---
[02:00-02:15]	0	0 MPH	37 F	---
[02:15-02:30]	0	0 MPH	37 F	---
[02:30-02:45]	0	0 MPH	37 F	---
[02:45-03:00]	0	0 MPH	37 F	---
[03:00-03:15]	0	0 MPH	37 F	---
[03:15-03:30]	0	0 MPH	37 F	---
[03:30-03:45]	0	0 MPH	37 F	---
[03:45-04:00]	0	0 MPH	37 F	---
[04:00-04:15]	0	0 MPH	37 F	---
[04:15-04:30]	0	0 MPH	37 F	---
[04:30-04:45]	0	0 MPH	37 F	---
[04:45-05:00]	0	0 MPH	37 F	---
[05:00-05:15]	0	0 MPH	37 F	---
[05:15-05:30]	0	0 MPH	37 F	---
[05:30-05:45]	0	0 MPH	37 F	---
[05:45-06:00]	0	0 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 90498 Operator: HH Begin: 01/14/2020 12:00 PM End: 01/15/2020 12:00 PM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB RL Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 249 AADT Count: 249 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Wed,01/15/2020

[06:00-06:15]	0	0 MPH	39 F	---
[06:15-06:30]	0	0 MPH	39 F	---
[06:30-06:45]	0	0 MPH	39 F	---
[06:45-07:00]	1	12 MPH	39 F	---
[07:00-07:15]	1	18 MPH	39 F	---
[07:15-07:30]	1	18 MPH	39 F	---
[07:30-07:45]	1	18 MPH	39 F	---
[07:45-08:00]	3	15 MPH	37 F	---
[08:00-08:15]	4	15 MPH	36 F	---
[08:15-08:30]	0	0 MPH	34 F	---
[08:30-08:45]	2	13 MPH	32 F	---
[08:45-09:00]	1	0 MPH	34 F	---
[09:00-09:15]	3	23 MPH	37 F	---
[09:15-09:30]	0	0 MPH	39 F	---
[09:30-09:45]	1	12 MPH	43 F	---
[09:45-10:00]	3	18 MPH	45 F	---
[10:00-10:15]	3	18 MPH	46 F	---
[10:15-10:30]	3	33 MPH	50 F	---
[10:30-10:45]	5	19 MPH	52 F	---
[10:45-11:00]	10	18 MPH	54 F	---
[11:00-11:15]	5	18 MPH	55 F	---
[11:15-11:30]	6	18 MPH	57 F	---
[11:30-11:45]	2	23 MPH	59 F	---
[11:45-12:00]	6	20 MPH	61 F	---

Wed,01/15/2020

61 19 MPH 40 F

01/14/2020 12:00 PM				
01/15/2020 12:00 PM	249	18 MPH	45 F	

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Pueblo
Street: Dillon Dr N/O Eagleridge Blvd**

A study of vehicle traffic was conducted with the device having serial number 302823. The study was done in the SB RT lane at Dillon Dr N/O Eagleridge Blvd in Pueblo, CO in Pueblo county. The study began on 01/07/2020 at 11:30 AM and concluded on 01/08/2020 at 11:30 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 1,026 vehicles passed through the location with a peak volume of 55 on 01/07/2020 at [17:00-17:15] and a minimum volume of 0 on 01/07/2020 at [22:45-23:00]. The AADT count for this study was 1,026.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 15 - 20 MPH range or lower. The average speed for all classified vehicles was 20 MPH with 2.58% vehicles exceeding the posted speed of 30 MPH. 0.89% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 15MPH and the 85th percentile was 23.84 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >
17	111	486	316	53	9	3	3	1	1	1	1	0	0	7

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 501 which represents 50 percent of the total classified vehicles. The number of Vans & Pickups in the study was 417 which represents 41 percent of the total classified vehicles. The number of Busses & Trucks in the study was 62 which represents 6 percent of the total classified vehicles. The number of Tractor Trailers in the study was 29 which represents 3 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
501	303	114	47	15	7	5	17							

CHART 2

HEADWAY

During the peak traffic period, on 01/07/2020 at [17:00-17:15] the average headway between vehicles was 16.071 seconds. During the slowest traffic period, on 01/07/2020 at [22:45-23:00] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 489.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302823 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB RT Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 1,026 AADT Count: 1,026 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020

[11:30-11:45]	14	20 MPH	66 F	---
[11:45-12:00]	28	19 MPH	66 F	---
[12:00-12:15]	33	22 MPH	68 F	---
[12:15-12:30]	16	20 MPH	68 F	---
[12:30-12:45]	17	18 MPH	68 F	---
[12:45-13:00]	22	18 MPH	68 F	---
[13:00-13:15]	15	22 MPH	68 F	---
[13:15-13:30]	20	19 MPH	72 F	---
[13:30-13:45]	15	23 MPH	72 F	---
[13:45-14:00]	18	18 MPH	72 F	---
[14:00-14:15]	10	25 MPH	72 F	---
[14:15-14:30]	15	19 MPH	72 F	---
[14:30-14:45]	9	18 MPH	68 F	---
[14:45-15:00]	14	19 MPH	66 F	---
[15:00-15:15]	17	19 MPH	63 F	---
[15:15-15:30]	14	19 MPH	61 F	---
[15:30-15:45]	22	21 MPH	57 F	---
[15:45-16:00]	16	14 MPH	55 F	---
[16:00-16:15]	22	20 MPH	55 F	---
[16:15-16:30]	19	19 MPH	52 F	---
[16:30-16:45]	20	26 MPH	52 F	---
[16:45-17:00]	49	21 MPH	52 F	---
[17:00-17:15]	55	21 MPH	48 F	---
[17:15-17:30]	50	19 MPH	48 F	---
[17:30-17:45]	31	18 MPH	48 F	---
[17:45-18:00]	30	20 MPH	46 F	---
[18:00-18:15]	24	17 MPH	46 F	---
[18:15-18:30]	25	19 MPH	46 F	---
[18:30-18:45]	23	20 MPH	43 F	---
[18:45-19:00]	23	20 MPH	43 F	---
[19:00-19:15]	21	20 MPH	43 F	---
[19:15-19:30]	25	18 MPH	43 F	---
[19:30-19:45]	17	20 MPH	43 F	---
[19:45-20:00]	21	18 MPH	41 F	---
[20:00-20:15]	36	19 MPH	41 F	---
[20:15-20:30]	14	17 MPH	41 F	---
[20:30-20:45]	13	20 MPH	41 F	---

01/09/2020 11:56 AM

Page: 1

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 302823 Operator: HH Begin: 01/07/2020 11:30 AM End: 01/08/2020 11:30 AM Hours: 24.00 Period (min): 15	Location: Dillon Dr N/O Eagleridge Blvd Lane: SB RT Street: Dillon Dr N/O Eagleridge Blvd City: Pueblo County: Pueblo State: CO	Raw Count: 1,026 AADT Count: 1,026 AADT Factor: 1 Speed Limit: 30		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue,01/07/2020				
[20:45-21:00]	17	18 MPH	41 F	---
[21:00-21:15]	17	20 MPH	41 F	---
[21:15-21:30]	8	20 MPH	41 F	---
[21:30-21:45]	9	20 MPH	41 F	---
[21:45-22:00]	2	23 MPH	37 F	---
[22:00-22:15]	7	21 MPH	37 F	---
[22:15-22:30]	2	23 MPH	37 F	---
[22:30-22:45]	7	19 MPH	37 F	---
[22:45-23:00]	0	0 MPH	37 F	---
[23:00-23:15]	2	28 MPH	34 F	---
[23:15-23:30]	0	0 MPH	34 F	---
[23:30-23:45]	0	0 MPH	34 F	---
[23:45-00:00]	3	24 MPH	34 F	---
Tue,01/07/2020	907	20 MPH	51 F	
Wed,01/08/2020				
[00:00-00:15]	0	0 MPH	34 F	---
[00:15-00:30]	0	0 MPH	34 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	1	18 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	0	0 MPH	32 F	---
[01:45-02:00]	0	0 MPH	32 F	---
[02:00-02:15]	0	0 MPH	32 F	---
[02:15-02:30]	0	0 MPH	32 F	---
[02:30-02:45]	0	0 MPH	489 F	---
[02:45-03:00]	0	0 MPH	489 F	---
[03:00-03:15]	0	0 MPH	489 F	---
[03:15-03:30]	0	0 MPH	489 F	---
[03:30-03:45]	0	0 MPH	489 F	---
[03:45-04:00]	0	0 MPH	489 F	---
[04:00-04:15]	0	0 MPH	489 F	---
[04:15-04:30]	0	0 MPH	489 F	---
[04:30-04:45]	0	0 MPH	489 F	---
[04:45-05:00]	0	0 MPH	489 F	---
[05:00-05:15]	0	0 MPH	489 F	---

Date/Time/Volume/Average Speed/Temperature Report

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Device ID: 302823 Location: Dillon Dr N/O Eagleridge Blvd Raw Count: 1,026 Operator: HH Lane: SB RT AADT Count: 1,026 Begin: 01/07/2020 11:30 AM Street: Dillon Dr N/O Eagleridge Blvd AADT Factor: 1 End: 01/08/2020 11:30 AM City: Pueblo Speed Limit: 30 Hours: 24.00 County: Pueblo Period (min): 15 State: CO				
Wed,01/08/2020				
[05:15-05:30]	0	0 MPH	489 F	---
[05:30-05:45]	1	22 MPH	487 F	---
[05:45-06:00]	0	0 MPH	487 F	---
[06:00-06:15]	0	0 MPH	487 F	---
[06:15-06:30]	0	0 MPH	487 F	---
[06:30-06:45]	2	15 MPH	487 F	---
[06:45-07:00]	1	0 MPH	487 F	---
[07:00-07:15]	1	22 MPH	487 F	---
[07:15-07:30]	1	18 MPH	487 F	---
[07:30-07:45]	2	20 MPH	487 F	---
[07:45-08:00]	3	24 MPH	487 F	---
[08:00-08:15]	4	17 MPH	487 F	---
[08:15-08:30]	2	20 MPH	489 F	---
[08:30-08:45]	6	19 MPH	489 F	---
[08:45-09:00]	7	25 MPH	32 F	---
[09:00-09:15]	11	20 MPH	34 F	---
[09:15-09:30]	7	22 MPH	37 F	---
[09:30-09:45]	8	20 MPH	41 F	---
[09:45-10:00]	4	17 MPH	43 F	---
[10:00-10:15]	5	18 MPH	48 F	---
[10:15-10:30]	5	17 MPH	48 F	---
[10:30-10:45]	7	17 MPH	52 F	---
[10:45-11:00]	11	19 MPH	52 F	---
[11:00-11:15]	19	20 MPH	52 F	---
[11:15-11:30]	11	19 MPH	52 F	---
Wed,01/08/2020	119	20 MPH	283 F	
01/07/2020 11:30 AM				
01/08/2020 11:30 AM	1026	20 MPH	162 F	