



CONTRACT DOCUMENTS  
AND  
CONSTRUCTION SPECIFICATIONS  
DOUGLAS COUNTY

PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019

PRIOR TO SUBMITTING A BID PROPOSAL FOR THIS PROJECT, THE BIDDER SHALL HAVE RECEIVED PRE-QUALIFICATION STATUS (ACTIVE STATUS) WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) TO BID ON INDIVIDUAL PROJECTS OF THE SIZE AND KIND OF WORK AS SET FORTH IN THE CONTRACT DOCUMENTS. THE BIDDER SHALL BE REQUIRED TO PRODUCE DOCUMENTED EVIDENCE VERIFYING THAT THE BIDDER'S ACTIVE STATUS EXISTED PRIOR TO THE BID CLOSING DEADLINE. FAILURE TO PRODUCE SAID EVIDENCE WILL DISQUALIFY THE BIDDER FROM BEING ELIGIBLE FOR AN AWARD OF THIS CONTRACT.

For use with the Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction, dated 2023; CDOT Standard Plans, as current at the time of Bid.

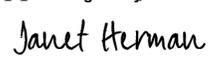
**PRE-BID CONFERENCE: WEDNESDAY, JANUARY 14, 2026, at 10:00 A.M.**

**BID-CLOSING DEADLINE: TUESDAY, JANUARY 27, 2026, at 12:00 P.M.**

**BID OPENING AND READING OF BIDS: TUESDAY, JANUARY 27, 2026 at 2:00 P.M.**

This is a Completion Date Contract. The Contract Time of **480 calendar days** will be used to determine the Completion Date, once the Notice to Proceed is established. No extension of the contract time shall be allowed for inclement weather, foreseeable causes or conditions under control of the Contractor. If all work under the Contract is not completed on or before the specified Completion Date, Contract Time shall be assessed for each additional calendar day in accordance with Subsection 108.08 (a) 2 - Determination and Extension of Contract Time. All requests for extensions must be submitted in writing within seven (7) days in accordance with Subsection 108.08 (d). Liquidated Damages will be charged in accordance with Subsection 108.09 – Failure to Complete Work on Time.

Approved By:

 1/16/2026

Janet Herman, P.E., Director of Public Works

 1/15/2026

Art Smith, P.E., Transportation Capital Improvement Program Manager

 1/15/2026

Brolin Bundy, P.E. Project Engineer

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
TABLE OF CONTENTS**

---

---

	<u>Page</u>
<b><u>INVITATION TO BID</u></b> .....	6
<b><u>CONFERENCE PROCEDURES/INSTRUCTIONS</u></b> .....	7
<b><u>NOTICE TO BIDDERS</u></b> .....	9
<b><u>BID DOCUMENTS:</u></b>	
* Bid Proposal.....	17
* Project Bid Schedule.....	24
* Bid Bond.....	26
* Project Addenda.....	28
* Statement of Bidder's Qualifications .....	29
* Non-Collusion Affidavit of Prime Bidder .....	33
* Proof of CDOT Prequalification Status .....	
Agreement.....	25
Payment Bond.....	44
Performance Bond .....	45
Warranty .....	47
Notice of Intent to Award .....	48
Notice to Proceed.....	49
County's Payment Policies.....	50

**\*Shall be completed and Submitted with Bid**

**DOUGLAS COUNTY STANDARD SPECIAL PROVISIONS:**

**Page**

Revision of Section 101 – Definitions and Terms.....(December 6, 2022) ..... SSP-3

Revision of Section 102—Bidding Requirements.....(November 22, 2021) .... SSP-5

Revision of Section 103 – Award and Execution of Contract.....(November 22, 2021)..... SSP-6

Revision of Section 104 – Scope of Work.....(November 22, 2021) .... SSP-8

Revision of Section 105 – Control of Work .....(November 22, 2021)..... SSP-12

Revision of Section 106 – Control of Material.....(November 22, 2021) ... SSP-21

Revision of Section 107 – Legal Relations and Responsibility  
to Public ..... (November 22, 2021).... SSP-22

Revision of Section 108 – Prosecution and Progress .....(November 22, 2021)..... SSP-27

Revision of Section 109 – Measurement and Payment .....(November 22, 2021)..... SSP-30

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

**TABLE OF CONTENTS  
- continued -**

---

**PROJECT SPECIAL PROVISIONS**

<u>Description</u>	Date	Page Nos.
Index	AD DATE	PSP-1
Notice to Bidders	AD DATE	PSP-4
Commencement and Completion of Work	AD DATE	PSP-6
Revision of Section 101 – Definition of Terms	AD DATE	PSP-6
Revision of Section 102 – Project Plans and Other Data	AD DATE	PSP-7
Revision of Section 105 – Cooperation Between Contractors	AD DATE	PSP-8
Revision of Sections 104 and 105 - Pavement Surface Course Maintenance	AD DATE	PSP-9
Revision of Section 105 – Control of Work	AD DATE	PSP-10
Revision of Section 105 – Acceptance	AD DATE	PSP-12
Revision of Section 106 – Control of Materials	AD DATE	PSP-13
Revision of Section 107 – Legal Relations and Responsibility to Public	AD DATE	PSP-14
Revision of Section 107 – Performance of Safety Critical Work	AD DATE	PSP-15
Revision of Section 107 - Stormwater Construction Permit	AD DATE	PSP-18
Revision of Section 108 – Prosecution and Progress	AD DATE	PSP-19
Revision of Section 201 – Clearing and Grubbing	AD DATE	PSP-20
Revision of Section 202 – Removal of Structures and Obstructions	AD DATE	PSP-22
Revision of Section 202 – Removal and Trimming of Trees	AD DATE	PSP-24
Revision of Section 202 – Removal of Asphalt Mat	AD DATE	PSP-26
Revision of Section 202 – Clean Culvert/Inlet	AD DATE	PSP-27
Revision of Section 203 – Excavation and Embankment	AD DATE	PSP-28
Revision of Section 203 – Potholing	AD DATE	PSP-32
Revision of Section 206 – Excavation and Backfill for Structures	AD DATE	PSP-33
Revision of Section 207 – Topsoil	AD DATE	PSP-34
Revision of Section 208 – Erosion Control	AD DATE	PSP-36
Revision of Section 210 – Reset Structure	AD DATE	PSP-54
Revision of Section 212 – Seeding, Fertilizer, Soil Conditioners, and Sodding	AD DATE	PSP-55
Revision of Section 216 – Soil Retention Covering	AD DATE	PSP-57
Revision of Section 240 - <u>Protection</u> of Migratory Birds	AD DATE	PSP-58
Revision of Section 304 – Aggregate Base Course	AD DATE	PSP-61
Revision of Section 403 – Hot Mix Asphalt	AD DATE	PSP-62
Revision of Section 420 – Geosynthetics	AD DATE	PSP-64
Revision of Section 506 – Soil Riprap	AD DATE	PSP-66

Revision of Section 603 – Culverts and Sewers	AD DATE	PSP-68
Revision of Section 604 – Manholes, Inlets, and Meter Vaults	AD DATE	PSP-72
Revision of Section 604 – Inlet Type D (Special)	AD DATE	PSP-74
Revision of Section 607 – Fence	AD DATE	PSP-75
Revision of Section 609 – Curb and Gutter	AD DATE	PSP-76
Revision of Section 610 – Median Cover Material	AD DATE	PSP-77
Revision of Section 612 – Delineators and Reflectors	AD DATE	PSP-78
Revision of Section 613 – Pull Boxes	AD DATE	PSP-79
Revision of Section 613 – Lighting	AD DATE	PSP-80
Revision of Section 614 – Signal Head Backplates	AD DATE	PSP-82
Revision of Section 614 – Microwave Radar Vehicle Detection System	AD DATE	PSP-83
Revision of Section 614 – Traffic Signal Cabinet, Controller and Cabinet Equipment	AD DATE	PSP-84
Revision of Section 614 – Traffic Signal Uninterrupted Power Source	AD DATE	PSP-85
Revision of Section 614 – Fiber Optic	AD DATE	PSP-86
Revision of Section 614 – Traffic Control Devices	AD DATE	PSP-87
Revision of Section 620 – Field Facilities	AD DATE	PSP-88
Revision of Section 621– Detour Pavement	AD DATE	PSP-90
Revision of Section 625 – Construction Surveying	AD DATE	PSP-93
Revision of Section 626 – <u>Mobilization</u>	AD DATE	PSP-95
Revision of Section 626 – Public Involvement By Contractor	AD DATE	PSP-96
Revision of Section 627 – Pavement Marking	AD DATE	PSP-99
Revision of Section 630 – Construction Zone Traffic Control	AD DATE	PSP-100
Revision of Section 630 – Impact Attenuator (Temporary)	AD DATE	PSP-105
Revision of Section 630 – Portable Message Sign Panel	AD DATE	PSP-106
Revision of Section 630 – Mobile Attenuator	AD DATE	PSP-108
Force Account Items	AD DATE	PSP-109
Utilities	AD DATE	PSP-110

## INVITATION TO BID

**COUNTY:** Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104

Separate sealed bids for the: **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

Will be received by: Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104

Bids shall be received electronically through the Rocky Mountain E-Purchasing System website ([www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com)) **until the closing of bids at 12:00 P.M. (local time) on TUESDAY, JANUARY 27, 2026. Bids will be opened and read aloud to the public at 2:00 P.M. the same day.** After the bid closing and before the Bid Opening and Reading of Bids, the County will verify that all bidders are qualified. This includes checking their good standing status on Sam.gov, the CDOT Pre-Qualification Vendor List, and the Colorado Secretary of State website.

The Contract Documents may be obtained **after 10:00 A.M., MONDAY, DECEMBER 22, 2025**, at the same Douglas County Rocky Mountain E-Purchasing System website.

**All questions are due to Brolin Bundy P.E., Project Engineer by 5:00 P.M. (local time), on TUESDAY, JANUARY 20, 2026.**

The Bid Opening and Reading of Bids will be conducted at **2:00 P.M. on: TUESDAY, JANUARY 27, 2026**, via Microsoft Teams and:

Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104

County: Douglas County Government  
By: **Brolin Bundy P.E., Project Engineer**

A **Pre-Bid conference** will be held at **10:00 A.M. on: WEDNESDAY, JANUARY 14, 2026** at:

Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104

## CONFERENCES PROCEDURES AND INSTRUCTIONS

Douglas County believes in open and transparent government and, as such, requires that the business of County government should be open to effective public review. This includes access to information as well as the knowledge of the ability to participate in public discussion so that diverse opinions and ideas may be heard and considered.

**The following requirements are needed to attend remotely via the provided link:**

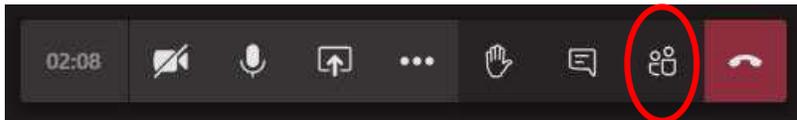
- Bandwidth – Internet connection of 3mbps or greater
- Audio – *Headset with a microphone plugged into PC*
- Computer – Recommended browser: Chrome, Edge, Safari
- Recommended OS: Windows 10 or MacOS

**You may access the Pre-Bid or Bid Opening and Reading of Bids Meetings virtually the following ways:**

- Click on the “Click here to join the meeting” link on the next page for the meeting you wish to join.
- OR Call the provided telephone number - ***You will not be able to participate in the Q&A or provide comments during the meeting via telephone – you will be joining as an anonymous attendee and will remain muted – we strongly encourage*** submitting all questions to the Engineer directly *before* the meeting if you intend to call via telephone
- You can also email Gretchen Marquez at [gmarquez@douglas.co.us](mailto:gmarquez@douglas.co.us) to have the Teams meeting invitation sent to you via email

**The following protocol and procedures will take place for Pre-Bid Conference remote attendees:**

- You will be entered into the meeting and automatically muted – *Do Not Unmute until called upon by a Meeting Mediator*
- All questions will be saved for the end of the meeting unless otherwise arranged; if you are attending via a computer, look for the “Raise Your Hand” button on the options in the middle of your screen – a Meeting Mediator will call on you to ask your question



- As soon as you are done talking, your microphone will be re-muted to avoid audio looping/feedback – *Do Not Unmute until called upon by Meeting Mediator*
- Unwarranted disruptions will result in muting of attendee or expulsion from the meeting

**The following protocol and procedures will take place for the Bid Opening and Reading of Bids:**

- **Bid submission procedures have not changed;** see Notice to Bidders for acceptable submission protocol
- Attendees will be entered into the meeting and automatically muted – *Do Not Unmute your microphone*
- Live video feed will be available via the provided link for the Bid Opening and Reading Bids of the submitted Bid Packages or for audio only call the provided number.
- There will no questions allowed during the Bid Opening and Reading of Bids; any raised hands must wait until the end of the conference and are subject to the Engineer’s approval – *Do Not Unmute*

**Pre-Bid Conference**

Scheduled for **10:00 A.M. on: WEDNESDAY, JANUARY 14, 2026**

The Pre-Bid Conference will be held at:

Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104

*And Via Microsoft Teams:*

Meeting ID: 248 481 299 942 64

Passcode: f8uu649x

**Dial in by phone**

720-739-2066

Phone conference ID: 805 992 183#

**Reading of Bids**

Bids shall be received electronically through the Rocky Mountain E-Purchasing System website ([www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com)) **until the Closing of Bids at 12:00 P.M. (local time) on TUESDAY, JANUARY 27, 2026. Bids will be opened and read aloud to the public at 2:00 P.M. the same day.** After the bid closing and before the Bid Opening and Reading of Bids, the County will verify that all bidders are qualified. This includes checking their good standing status on Sam.gov, the CDOT Pre-Qualification Vendor List, and the Colorado Secretary of State website.

Meeting ID: 238 374 369 729 0

Passcode: AW7rC6Xs

**Dial in by phone**

720-739-2066,

Phone conference ID: 843 071 216#

Interested parties may watch the Bid Opening and Reading of Bids via Microsoft Teams and call in. Questions will NOT be accepted or addressed during the call.

## NOTICE TO BIDDERS

Bidding Documents: The Bidding Documents shall include the Information for Bidders, the Plans and Specifications for the Project, the Bid Proposal, Bid Bond, all Addenda issued during the bidding process, Statement of Bidders' Qualifications and Non-Collusion Affidavit of Prime Bidder.

**Receipt of Sealed Bids** - Bids will be received by:

Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104  
**Attn: Brolin Bundy P.E., Project Engineer**

until **12:00 P.M., local time on: TUESDAY, JANUARY 27, 2026**  
**Bids will be opened and read aloud to the public at 2:00 P.M. the same day.**

**Submission of Bids** - All Bids must be submitted on the form provided in the Bidding Documents

Each Bid must be submitted via electronic submission online at Rocky Mountain E-Purchasing System ([www.bidnetdirect.com//douglas-county-engineering](http://www.bidnetdirect.com//douglas-county-engineering)). Required Submittal Attachments shall reference **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

Douglas County utilizes the Rocky Mountain E-Purchasing System for electronic solicitation submittals. It is the Bidders responsibility to ensure that the submittal process is started with enough time to meet the Bid Closing deadline. **All Bidders are strongly encouraged to submit bids at least 12 hours before closing time to allow for troubleshooting.** If the Bidder experiences any problems, has questions or technical difficulties when uploading documents, PLEASE contact Bidnet Vendor Support Team (800) 835-4603, option 2. If Bidnet is unable to resolve the problem, contact **Brolin Bundy P.E., Project Engineer AND GRETCHEN MARQUEZ Phone: 303.814.4338 Email: [gmarquez@douglas.co.us](mailto:gmarquez@douglas.co.us)** no later than **11:30 A.M. (local time)** on the day of the bid closing to resolve any submittal issues.

For additional information on how to submit a bid through the Rocky Mountain E-Purchasing please reach out to the Bidnet Vendor Support Team at (800) 835-4603, option 2. You may review How-To videos using the following link: [Searching Solicitations and Submitting Bids | BidNet Direct](https://www.bidnetdirect.com/resources/articles/searching-responding-bid-solicitations-en)  
<https://www.bidnetdirect.com/resources/articles/searching-responding-bid-solicitations-en>

All blank spaces in the Bid Form must be completely filled out when submitted. All Bid Documents shall be filled out completely and submitted in total. **THIS IS A REQUIREMENT FOR ALL BIDDERS SUBMITTING BIDS FOR THIS PROJECT.**

**Submission of your completed bid shall be input into the Rocky Mountain E-Purchasing System as one (1) .pdf attachment of all required documents to be considered a complete bid. Required documents include Bid Proposal, Bid Schedule, Bid Bond, Project Addenda, Statement of Bidder's**

**Qualifications, Non-Collusion Affidavit of Prime Bidder, Proof of CDOT Prequalification Status, and any other required documents identified in the Specifications.**

All information submitted in response to this may be subject to disclosure under the Open Records Act. Bidders are discouraged from providing information that the Bidder considers confidential and/or privileged as part of a response to this invitation.

Examination of Contract Documents and Project Site - Before submitting any Bid, the Bidder shall examine the Contract Documents as defined in the General Conditions, including all Addenda, the Project Site, and become totally familiar with each. Any inconsistencies, ambiguities, errors or omissions found in the Contract Documents or at the Project Site shall be brought immediately to the attention of the County Representative.

The submission of a Bid shall be a representation by the Bidder that he has complied with the requirements of the above paragraph.

The field conditions set forth shall not constitute a representation or warranty, expressed or implied, that such conditions are actually existent. Bidders shall make their own investigations and form their own estimates of the actual site conditions.

No claim that there was any misunderstanding as to the quantities, conditions, or nature of the work will be entertained after submission of Bids. Any questions during the bidding process can be addressed to the following County Representative: **Brolin Bundy P.E., Project Engineer at 303.660.7490 or by fax at 303.379.4198.**

Specifications and Plans - The work embraced herein shall be in accordance with CDOT Standard Specifications for Road and Bridge Construction, dated 2023; the CDOT Standard Plans, as current at time of Bid; and in accordance with the Douglas County Roadway Design and Construction Standards, as current at the time of Bid, insofar as the same may apply, and in accordance with the Plans and these Special Provisions.

Interpretation of Contract Documents - The Bidder shall present all questions requiring an interpretation of the Contract Documents in writing to the County Representative. If the County Representative's decision requires a modification of the Contract Documents, such modification shall be contained in an Addendum, which shall be sent to all Bidders having received copies of the Contract Documents. All Addenda issued by the County Representative shall become part of the Contract Documents and shall have been considered and included as part of any Bid. Any decisions or interpretations by the County Representative, which are not contained in any properly issued Addendum, shall have no effect.

Addenda - When interpretations of the Contract Documents are requested, or if errors, omissions, ambiguities, discrepancies or inconsistencies have been brought to the attention of the County Representative, and a modification of the Contract Documents is required, the County Representative shall issue an Addendum containing all pertinent information. **Such Addenda shall be posted on the Rocky Mountain E-Purchasing System and shall become a part of the Contract Documents.**

Modification and Withdrawal of Bids - Bids may be modified or withdrawn at any time prior to the closing deadline of the Bids. All modifications or withdrawals must be completed through the Rocky Mountain E-Purchasing System and modified or withdrawn prior to the time for the Closing Deadline

of the Bids. A Bid modification shall not reveal the total amount of the original Bid.

**Bonds** - Each Bid shall be accompanied by cash, certified check or a Bid Bond on the form provided in the Bidding Documents payable to the County, in an amount not less than **five percent (5%)** of the total Bid. The County shall retain the Bid Bond of any Bidder that the County believes to have a reasonable chance of receiving the award of the Contract until the successful bidder executes the Contract with the County and provides the County with a Performance Bond, Payment Bond, Certificates of Insurance, and Warranty required by the Bidding Documents. All other Bid Bonds shall be returned to the respective Bidders within **ninety (90) calendar days** of the Bid Opening and Reading of the Bids. **ANY BID NOT ACCOMPANIED BY A CONFORMING BID BOND IN THE AMOUNT OF AT LEAST FIVE PERCENT OF THE BID PRICE WILL BE REJECTED.**

The County prefers an electronic Bid Bond. Bidders submitting cash, certified check, or standard (original, paper) Bid Bond shall ensure receipt to the County prior to the Bid Closing Deadline. Information shall be clearly labeled with the words: **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019, Name of Bidder, Date and Time of Bid Closing Deadline.** Information shall be delivered to the Department of Public Works, Engineering Division, located in the Philip S. Miller Building, 100 Third Street, Suite 220, Castle Rock, CO 80104 and to no other Department of the County. Further, the outside envelope shall be marked:

**ATTENTION: BROLIN BUNDY P.E., PROJECT ENGINEER - DO NOT OPEN (IN LARGE 1 - 1/2 INCH LETTERS.)**

**DOUGLAS COUNTY, COLORADO  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION**

**If the BID BOND submitted is determined to be non-conforming after the Bid has been read, then that Bid will be determined to be non-conforming and will be rejected. If the successful bidder fails to execute a Contract with the County within ten (10) days of the receipt of the Notice of Intent to Award, the County shall retain his Bid Bond as liquidated damages.**

PAYMENT BOND AND A PERFORMANCE BOND, each in the amount of 100 percent (100%) of the CONTRACT PRICE, with a corporate surety approved by the County, will be required for the faithful performance of the contract and payment of the subcontractors, material supplies and laborers.

Attorneys-in-Fact who sign BID BONDS, PAYMENT BONDS AND PERFORMANCE BONDS must file with each BOND a certified and dated copy of their Power of Attorney.

**Applicable Laws** - The submission of a Bid shall be a representation by the Bidder that he has familiarized himself with all laws applicable to the Project and will comply therewith throughout the Contract.

**Award of the Contract** - The award will be made to the lowest responsive, responsible Bidder, who will serve the best interests of the County, and the County reserves the right to make this determination. Award may be made for any one Section of the Bid Form separately, for the total Bid, or for any combination thereof.

The County reserves the right to accept or reject any and all Bids, to waive any informality or technicality in any Bid, and to disregard all non-conforming, non-responsive, conditional or Alternate Bids whenever such rejection or waiver is in the County's best interest. Before making any award of a contract, the County will investigate any Bidder in such manner as it deems appropriate to determine the qualifications of that Bidder to perform the work under the Contract.

Statement of Bidder's Qualifications - In addition to the prequalification of Bidders, as referred to in Section 102.01 "Prequalification of Bidders," of the CDOT Standard Specifications for Road and Bridge Construction, Dated 2023, a Statement of Bidder's Qualifications shall accompany the proposal. A form for this statement will be found following the Project Addenda Form.

**Prior to submitting a Bid Proposal for this Project, the Bidder shall have received prequalification status (active status) with the Colorado Department of Transportation to bid on individual Projects of the size and kind of work as set forth in the General Statement.**

Notice of Intent to Award - The County shall notify the successful bidder, in writing, in accordance with Section 103 of the Douglas County Standard Special Provisions (SSPs), as revised. The Notice of Intent to Award will be accompanied by this Contract and the necessary Bond Forms. Within **ten (10) days** of the date of the Notice of Intent to Award has been issued, the successful bidder shall present, properly executed, a Payment Bond, Performance Bond, the necessary Certificates of Insurance and Warranty required by the Contract Documents, all other formal Contract Documents and sign the Contract.

Failure to Execute this Contract - In the event that the successful bidder fails to execute this Contract, or provide a properly executed Performance Bond, Payment Bond, the necessary Certificates of Insurance, and Warranty as required by the Contract Documents, the County may elect to hold the Bidder in default and retain the Bid Bond as liquidated damages.

After the Notice of Intent to Award has been issued, **if the County fails to execute** this Contract within **sixty (60) days** of receipt of a properly executed Payment Bond, Performance Bond, receipt of the necessary Certificates of Insurance and Warranty required by the Contract Documents, and all other formal Contract Documents, then the successful bidder may, by written Notice to the County, withdraw from the Contract.

Notice of Withdrawal shall be effective upon receipt by the County and shall not be cause for the County to retain the Bid Bond of the successful bidder.

Notice to Proceed - The Notice to Proceed, stating the date on which the work is to commence, shall be issued within **thirty (30) days** of the execution of this Contract by the County and the Contractor.

Tax Exemptions - The Bidder shall determine those sales taxes from which the County may be exempted under Colorado law that may be applied to purchases required for the Project and exclude all such sales taxes from his Bid. The County shall provide all pertinent tax-exempt certificates.

Substitution of Materials or Equipment - All Bids are to be based on those materials and equipment specified in the Contract Documents. The County Representative shall be the sole judge of the acceptability of substitute materials and equipment and may accept or reject such substitutes at any time. If a Bid is based on substitute material or equipment, the County may require a Bidder to supply those materials or equipment specified in the Contract Documents at no increase in contract price and with no extension of the period of performance.

County – The Board of County Commissioners of the County of Douglas County, (“County”) has an address of 100 Third Street, Suite 220, Castle Rock, Colorado 80104.

County Representative - The County Representative for this Project is:  
**Brolin Bundy P.E., Project Engineer**  
**303.660.7490**

Commencement of Work and Time of Completion - Attention is directed to the provisions in Section 108 – “Prosecution and Progress,” of the CDOT Standard Specifications, the Douglas County Standard Special Provisions (SSPs), the Douglas County Project Special Provisions (PSPs) and to the information below.

The Contractor shall commence work on or before the **tenth day** following the date stipulated in the "Notice to Proceed" and shall diligently prosecute the work to completion before the expiration of the contract time. Contract time for this Completion Date Contract Project will be **480 calendar days**.

**Contract time shall be charged commencing with the date stipulated in the "Notice to Proceed."**

This Completion Date Contract may extend through the winter months of December, January, February and March, which has been accounted for in determining the completion date. Douglas County reserves the right to suspend all or parts of the work during these months, if the County determines (at its sole discretion) that it is in the best interest of the County to do so. Any anticipated suspension of work will be addressed in the "**Special Instructions/and or information to the Contractor**" portion of the Contract, and no additional compensation will be granted to the Contractor.

Contractor- The Contractor shall have a period of **fifteen (15) days** after award of the Contract for submission of data substantiating any request for a substitution of an "equal" item.

Liquidated Damages - The Contractor shall pay to Douglas County a sum determined from the schedule of liquidated damages set forth in Subsection 108.09 "Failure to Complete Work on Time," of the CDOT Standard Specifications for Road and Bridge Construction, or as revised, per day for each and every calendar day of delay in completing all or any designated portion of the work called for under the Contract, in all parts and requirements, within the time set forth in these Special Provisions.

Pre-Bid Conference – Bidders are **strongly encouraged to attend** the Pre-Bid Conference scheduled for **10:00 A.M. on: WEDNESDAY, JANUARY 14, 2026**. The purpose of the Pre-Bid Conference is to allow Bidders an opportunity to ask questions and seek clarification on any issues they may have concerning the Project.

Pre-Bid Conference Agenda and Minutes **will not** be considered part of the Contract Documents. The Pre-Bid Conference will be held at:

Douglas County Government

Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104  
***And via Microsoft Teams.***

**Special Instructions and/or information to the Contractor:**

1. The County anticipates construction to start on or around **April 6, 2026**
2. Engineer to identify one of the following:  
Standing DRB            Yes     No   
On Demand DRB        Yes     No
3. For this project, Bidders are reminded that Traffic Control (Special) is a lump sum item as discussed in Section 630 Construction Zone Traffic Control. Payment for construction zone traffic control shall include all appurtenances including temporary pavement markings, flaggers and relative equipment, a Traffic Control Supervisor, Traffic Control Maintenance, Traffic Control Inspection, barricades, temporary signage, arrow boards, drum channelizing devices with and without beacons, temporary concrete barrier, cones, and all other personnel, devices, equipment, and resources necessary to complete the work utilizing the suggested construction phasing as shown in the plans or any other alternative construction phasing plan proposed by the contractor which will require approval by the Engineer.
4. Other project information provided on Rocky Mountain E-Purchasing System include:
  - a) Geotechnical and Pavement Design Report
  - b) Drainage Report
5. As also discussed in Section 102 of the Project Special Provisions, 3D modeling data is available in Land XML and vectorized PDF formats. These documents may be obtained by contacting the Project Engineer listed in the Notice to Bidders. Available 3D modeling data consists of:
  - c) Horizontal Alignments
  - d) Vertical Alignments
  - e) Existing and Proposed surface XML files
6. Douglas County does not warrant the 3D modeling data and this information is not considered to be a part of the Contract. If bidders use the 3D modeling data in preparing a proposal or planning and prosecuting the work, it is used at their own risk, and bidders are responsible for all conclusions, deductions, and inferences drawn from the 3D modeling.

**BID DOCUMENTS**

**FOR CONSTRUCTION OF  
PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019  
& CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT  
NUMBERS SP 2018-005 & CI 2020-019  
SEALED BID REQUIREMENTS**

NOTE: Bid Documents, including the Bid Proposal, the Bid Guaranty, the Project Addenda, the Statement of Bidder's Qualifications and the Non-Collusion Affidavit shall be submitted electronically at the Rocky Mountain E-Purchasing System website ([www.bidnetdirect.com//douglas-county-engineering](http://www.bidnetdirect.com//douglas-county-engineering)). Required Attachment Submittals shall be clearly labeled with the words:

**PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019  
& CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT  
NUMBERS SP 2018-005 & CI 2020-019**

**SEALED BID REQUIREMENTS**

**DOUGLAS COUNTY, COLORADO**

**DEPARTMENT OF PUBLIC WORKS**

**ENGINEERING DIVISION**

**If the BID BOND submitted is determined to be non-conforming after the Bid has been read, then that Bid will be determined to be non-conforming and will be rejected.**

**BID PROPOSAL**

TO: Douglas County Government  
Department of Public Works  
Philip S. Miller Building  
100 Third Street, Suite 220  
Castle Rock, CO 80104  
**Attention: Brolin Bundy P.E., Project Engineer**  
(County)

FROM: Hamon Infrastructure, Inc.  
(hereinafter Bidder)

Amount - The above-named Bidder hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary for for the County in accordance with the Contract Documents, (Plans and Specifications) and all other Contract Documents pertaining to the Project for the sum of \$ 13,218,000.00. The Contract amount shall be payable based upon actual measured and approved quantities per the Bid Schedule(s).

**Knowledge of Contract Documents and Site** - **The Bidder hereby represents that he has examined and become familiar with all conditions of the Contract Documents associated with the PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019 and has become familiar with the Project site.**

Bid Bond - Attached to this Bid is cash, certified check, or a Bond in an amount not less than **five percent (5%)** of the amount above, to be retained or returned by the County in accordance with the terms of the Contract Documents.

County's Rights Reserved - The Bidder understands that the County reserves the right to accept or reject any and all Bids and to waive any informality or technicality in any Bid in the best interests of the County. The Bidder represents that all Bid Documents described in the Notice to Bidders are filled out completely and attached, and that should any of the Bid Documents be missing or not be completely filled out, the Bidder acknowledges that it understands and agrees that the County may reject the entire Bid.

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
201-00000	CLEARING AND GRUBBING	1	LS	352,480.00	\$352,480.00
202-00010	REMOVAL OF TREE (6.1" TO 12" DIAMETER)	3	EACH	547.00	\$1,641.00
202-00010	REMOVAL OF TREE (24" AND GREATER DIAMETER)	1	EACH	3,770.00	\$3,770.00
202-00019	REMOVAL OF INLET	1	EACH	2,380.00	\$2,380.00
202-00033	REMOVAL OF PIPE	11	EACH	1,260.00	\$13,860.00
202-00035	REMOVAL OF PIPE (UTILITIES)	4,795	LF	1.10	\$5,274.50
202-00195	REMOVAL OF MEDIAN COVER	2	SY	323.00	\$646.00
202-00203	REMOVAL OF CURB AND GUTTER	1,401	LF	5.70	\$7,985.70
202-00210	REMOVAL OF CONCRETE PAVEMENT	501	SY	17.50	\$8,767.50
202-00220	REMOVAL OF ASPHALT MAT	23,286	SY	6.20	\$144,373.20
202-00810	REMOVAL OF GROUND SIGN	34	EACH	150.00	\$5,100.00
202-01000	REMOVAL OF FENCE	3,524	LF	3.00	\$10,572.00
202-04002	CLEAN CULVERT	3	EACH	2,180.00	\$6,540.00
<b>203-00010</b>	<b>UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)</b>	<b>45,135</b>	<b>CY</b>	34.50	\$1,557,157.50
203-01597	POTHOLING	1,500	HOUR	258.00	\$387,000.00
206-00510	FILTER MATERIAL (CLASS A)	326	CY	140.00	\$45,640.00
207-00205	TOPSOIL	4,846	CY	11.25	\$54,517.50
208-00002	SEDIMENT CONTROL LOG (12 INCH)	4,435	LF	6.20	\$27,497.00
208-00045	CONCRETE WASHOUT STRUCTURE	1	EACH	14,180.00	\$14,180.00
208-00050	INLET PROTECTION	73	EACH	375.00	\$27,375.00
208-00075	PRE-FABRICATED VEHICLE TRACKING PAD	2	EACH	10,030.00	\$20,060.00
208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	60	HOUR	47.50	\$2,850.00
208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	60	HOUR	98.00	\$5,880.00
208-00106	SWEEPING (SEDIMENT REMOVAL)	120	HOUR	175.00	\$21,000.00
208-00207	EROSION CONTROL MANAGEMENT	90	DAY	73.50	\$6,615.00
208	CONSTRUCTION MARKER	265	EACH	5.70	\$1,510.50

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
208	REINFORCED ROCK BERM FOR CULVERT PROTECTION	49	EACH	240.00	\$11,760.00
208	STABILIZED STAGING AREA	10,000	SF	0.80	\$8,000.00
210-00010	RESET MAILBOX STRUCTURE	7	EACH	350.00	\$2,450.00
210-00810	RESET GROUND SIGN	4	EACH	225.00	\$900.00
210-01000	RESET FENCE	32	LF	85.00	\$2,720.00
210-04027	MODIFY STRUCTURE (SPECIAL)	1	EACH	10,090.00	\$10,090.00
212-00006	SEEDING (NATIVE)	9.7	ACRE	445.00	\$4,316.50
213-00003	MULCHING (WEED FREE)	9.7	ACRE	885.00	\$8,584.50
213-00061	MULCH TACKIFIER	1,940	LB	2.50	\$4,850.00
216-00222	SOIL RETENTION BLANKET (COCONUT) (BIODEGRADABLE CLASS 2)	10,090	SY	2.90	\$29,261.00
240-00000	WILDLIFE BIOLOGIST	8	HOUR	160.00	\$1,280.00
304-06007	AGGREGATE BASE COURSE (CLASS 6)	12,284	CY	66.50	\$816,886.00
304-06000	AGGREGATE BASE COURSE (CLASS 6) (ALL -WEATHER SURFACE)	3,867	TON	35.25	\$136,311.75
403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	15	TON	256.00	\$3,840.00
403-09221	STONE MATRIX ASPHALT (1/2") (PG 76-28) (75) (2.5")	5,003	TON	144.00	\$720,432.00
403-33721	HOT MIX ASPHALT (GRADING S) (75) (PG 58-28)	10,349	TON	82.00	\$848,618.00
411-10255	EMULSIFIED ASPHALT (SLOW-SETTING)	7,186	GAL	3.40	\$24,432.40
412-00600	CONCRETE PAVEMENT (6 INCH)	313	SY	73.00	\$22,849.00
412-01000	CONCRETE PAVEMENT (10 INCH)	303	SY	116.00	\$35,148.00
420-00520	GEOGRID PAVEMENT REINFORCEMENT	41,337	SY	6.50	\$268,690.50
420-00102	GEOTEXTILE (EROSION CONTROL) (CLASS 1)	162	SY	14.50	\$2,349.00
501-00200	STEEL SHEET PILING (TYPE II)	1,430	SF	55.50	\$79,365.00
503-00036	DRILLED SHAFT (36 INCH)	40	LF	606.00	\$24,240.00
503-00042	DRILLED SHAFT (42 INCH)	124	LF	631.00	\$78,244.00
506-00030	GROUTED RIPRAP	26	CY	332.00	\$8,632.00
506-00212	RIPRAP (12 INCH)	93	CY	184.00	\$17,112.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
506-00409	SOIL RIPRAP (9 INCH)	815	CY	187.00	\$152,405.00
506	GROUTED BOULDERS (24 INCH)	527	CY	487.00	\$256,649.00
601-03050	CONCRETE CLASS D (WALL)	154	CY	1,750.00	\$269,500.00
603-01185	18 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	3,526	LF	106.00	\$373,756.00
603-01245	24 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	1,118	LF	145.00	\$162,110.00
603-01305	30 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	512	LF	197.00	\$100,864.00
603-01965	96 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	292	LF	1,380.00	\$402,960.00
603-02185	23x14 INCH REINFORCED CONCRETE PIPE ELLIPTICAL (COMPLETE IN PLACE)	89	LF	305.00	\$27,145.00
603-02305	38x24 INCH REINFORCED CONCRETE PIPE ELLIPTICAL (COMPLETE IN PLACE)	235	LF	176.00	\$41,360.00
603-10120	12 INCH CORRUGATED STEEL PIPE	73	LF	156.00	\$11,388.00
603-10180	18 INCH CORRUGATED STEEL PIPE	120	LF	122.00	\$14,640.00
603-05018	18 INCH REINFORCED CONCRETE END SECTION	3	EACH	6,040.00	\$18,120.00
603-05024	24 INCH REINFORCED CONCRETE END SECTION	3	EACH	5,090.00	\$15,270.00
603-05118	23x14 INCH REINFORCED CONCRETE END SECTION ELLIPTICAL	1	EACH	6,540.00	\$6,540.00
603-05130	38x24 INCH REINFORCED CONCRETE END SECTION ELLIPTICAL	1	EACH	8,710.00	\$8,710.00
603-30012	12 INCH STEEL END SECTION	4	EACH	2,000.00	\$8,000.00
603-30018	18 INCH STEEL END SECTION	4	EACH	2,580.00	\$10,320.00
604-00305	INLET TYPE C (5 FOOT)	3	EACH	6,340.00	\$19,020.00
604 00310	INLET TYPE C (10 FOOT)	1	EACH	8,350.00	\$8,350.00
604-00505	INLET TYPE D (5 FOOT)	3	EACH	9,140.00	\$27,420.00
604-00510	INLET TYPE D (10 FOOT)	1	EACH	11,540.00	\$11,540.00
604-00550	INLET TYPE D (SPECIAL)	1	EACH	45,520.00	\$45,520.00
604-13010	INLET TYPE 13 (10 FOOT)	1	EACH	9,130.00	\$9,130.00
604-16510	INLET TYPE 16 (DOUBLE) (10 FOOT)	1	EACH	16,000.00	\$16,000.00
604-16610	INLET TYPE 16 (TRIPLE) (10 FOOT)	1	EACH	20,200.00	\$20,200.00
604-19105	INLET TYPE R L5 (5 FOOT)	2	EACH	10,900.00	\$21,800.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
604-19110	INLET TYPE R L5 (10 FOOT)	5	EACH	12,770.00	\$63,850.00
604-19205	INLET TYPE R L10 (5 FOOT)	4	EACH	14,890.00	\$59,560.00
604-19210	INLET TYPE R L10 (10 FOOT)	13	EACH	18,550.00	\$241,150.00
604-19215	INLET TYPE R L10 (15 FOOT)	2	EACH	26,130.00	\$52,260.00
604-30005	MANHOLE SLAB BASE (5 FOOT)	1	EACH	11,550.00	\$11,550.00
604-30010	MANHOLE SLAB BASE (10 FOOT)	1	EACH	14,750.00	\$14,750.00
604-31010	MANHOLE BOX BASE (10 FOOT)	3	EACH	22,360.00	\$67,080.00
604-31015	MANHOLE BOX BASE (15 FOOT)	3	EACH	25,160.00	\$75,480.00
604-31020	MANHOLE BOX BASE (20 FOOT)	2	EACH	30,290.00	\$60,580.00
606-99999	GUARDRAIL TYPE 7 (PRECAST)	60	LF	82.50	\$4,950.00
607-11200	FENCE COMBINATION WIRE WITH METAL POSTS	1,422	LF	7.30	\$10,380.60
607-11460	FENCE WOOD RAILING	958	LF	35.00	\$33,530.00
607-11525	FENCE (PLASTIC)	1,000	LF	1.90	\$1,900.00
607-11530	FENCE (SPECIAL)	293	LF	30.00	\$8,790.00
609-21010	CURB AND GUTTER TYPE 2 (SECTION I-B)	2,627	LF	22.25	\$58,450.75
609-21020	CURB AND GUTTER TYPE 2 (SECTION II-B)	11,215	LF	22.75	\$255,141.25
609-23000	GUTTER (SPECIAL)	365	LF	61.50	\$22,447.50
609-24010	GUTTER TYPE 2 (10 FOOT)	137	LF	140.00	\$19,180.00
610-00020	MEDIAN COVER MATERIAL (PATTERNED CONCRETE)	20,236	SF	7.30	\$147,722.80
612-00001	DELINEATOR (TYPE 1)	42	EACH	21.00	\$882.00
612-15000	INSTALL MARKER	15	EACH	113.00	\$1,695.00
613	PVC CONDUIT 2" TRENCHED	190	LF	36.00	\$6,840.00
613	PVC CONDUIT 2" BORED	6,180	LF	29.75	\$183,855.00
613	COMMON TRENCH	130	LF	24.75	\$3,217.50
613	COMMON BORE	490	LF	28.75	\$14,087.50
613	PVC CONDUIT 2" (WITHIN COMMON TRENCH)	190	LF	20.50	\$3,895.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
613	PVC CONDUIT 3" (WITHIN COMMON TRENCH)	250	LF	22.50	\$5,625.00
613	PVC CONDUIT 2" (WITHIN COMMON BORE)	980	LF	19.50	\$19,110.00
613	PVC CONDUIT 3" (WITHIN COMMON BORE)	980	LF	20.50	\$20,090.00
613	STREET NAME SIGN (ALUMINUM)	8	EACH	477.00	\$3,816.00
613	PULL BOX (TYPE 1)	13	EACH	1,440.00	\$18,720.00
613	PULL BOX (TYPE 2)	3	EACH	1,910.00	\$5,730.00
613	PULL BOX (TYPE VAULT)	4	EACH	2,980.00	\$11,920.00
613-10000	WIRING	1	LS	41,060.00	\$41,060.00
613	LUMINAIRE (LED)	8	EACH	719.00	\$5,752.00
613-50109	METER POWER PEDESTAL	2	EACH	8,520.00	\$17,040.00
614-10160	SIGNAL HEAD BACKPLATES	17	EACH	185.00	\$3,145.00
614	TRAFFIC SIGNAL HEAD, 3-SECTION, 12" LENSES	17	EACH	770.00	\$13,090.00
614	TRAFFIC SIGNAL HEAD, 3-SECTION, 12" LENSES (ARROW)	2	EACH	770.00	\$1,540.00
614	TRAFFIC SIGNAL HEAD, 4-SECTION, 12" LENSES (ARROW / CIRCULAR)	14	EACH	842.00	\$11,788.00
614	TRAFFIC SIGNAL CONTROLLER CABINET (332D) (WITH AUX OUTPUT FILE)	2	EACH	33,870.00	\$67,740.00
614	EMERGENCY PREEMPTION DETECTOR	7	EACH	1,750.00	\$12,250.00
614	EMERGENCY PREEMPTION DISCRIMINATOR CARD (TYPE 764)	2	EACH	4,410.00	\$8,820.00
614	WAVETRONIX MICROWAVE RADAR VEHICLE DETECTION SYSTEM (WITH 112 CARDS FOR 170E CONTROLLER)	2	EACH	9,240.00	\$18,480.00
614	TRAFFIC SIGNAL LIGHT POLE, 25' MAST ARM	1	EACH	29,770.00	\$29,770.00
614	TRAFFIC SIGNAL LIGHT POLE, 30' MAST ARM	1	EACH	29,870.00	\$29,870.00
614	TRAFFIC SIGNAL LIGHT POLE, 35' MAST ARM	2	EACH	31,100.00	\$62,200.00
614	TRAFFIC SIGNAL LIGHT POLE, 45' MAST ARM	2	EACH	33,360.00	\$66,720.00
614	TRAFFIC SIGNAL LIGHT POLE, 50' MAST ARM	1	EACH	44,140.00	\$44,140.00
614	TRAFFIC SIGNAL LIGHT POLE, 60' MAST ARM	1	EACH	46,710.00	\$46,710.00
614	TRAFFIC SIGNAL CONTROLLER (ECONOLITE COBALT/EOS RACKMOUNT)	2	EACH	5,130.00	\$10,260.00
614	CONFLICT MONITOR (ECLIP)	2	EACH	1,590.00	\$3,180.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
614	UNINTERRUPTED POWER SOURCE (ECONOLITE SUPERCAP 48V SYSTEM)	2	EACH	12,320.00	\$24,640.00
614	PTZ/UFO CAMERA SYSTEM	2	EACH	7,700.00	\$15,400.00
614-87350	TEST FIBER OPTIC CABLE	1	LS	3,390.00	\$3,390.00
614	FIBER OPTIC CABLE (SINGLE MODE) (12 STRANDS)	450	LF	3.10	\$1,395.00
614-87424	FIBER OPTIC CABLE (SINGLE MODE) (24 STRANDS)	350	LF	3.10	\$1,085.00
614	FIBER OPTIC CABLE (SINGLE MODE) (72 STRANDS)	7,450	LF	5.10	\$37,995.00
614	SPLICE FIBER OPTIC CABLE (72 STRAND)	72	EACH	58.50	\$4,212.00
614-87690	ETHERNET SWITCH	2	EACH	7,700.00	\$15,400.00
614	24 PORT PANDUIT FIBER TRAYS WITH ST CONNECTORS	4	EACH	1,230.00	\$4,920.00
614	FIBER SPLICE ENCLOSURES (COYOTE DOME)	4	EACH	1,030.00	\$4,120.00
614	MULE TAPE	6,100	LF	0.20	\$1,220.00
614	TRACER WIRE	6,100	LF	0.25	\$1,525.00
614-00011	SIGN PANEL (CLASS 1)	72	EACH	120.00	\$8,640.00
614-00216	STEEL SIGN POST (2X2 INCH TUBING)	48	EACH	130.00	\$6,240.00
620-00002	FIELD OFFICE (CLASS 2)	1	EACH	49,530.00	\$49,530.00
620-00020	SANITARY FACILITY	2	EACH	2,970.00	\$5,940.00
621-00450	DETOUR PAVEMENT	7,363	SY	1.00	\$7,363.00
625-00000	CONSTRUCTION SURVEYING	1	LS	305,820.00	\$305,820.00
625-00001	CONSTRUCTION SURVEYING (HOURLY)	100	HOUR	78.50	\$7,850.00
626-00000	MOBILIZATION	1	LS	519,986.43	\$519,986.43
627-00009	MODIFIED EPOXY PAVEMENT MARKING (INLAID)	151	GAL	226.00	\$34,126.00
627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD-SYMBOL) (INLAID)	729	SF	20.50	\$14,944.50
627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOPLINE) (INLAID)	429	SF	14.50	\$6,220.50
630-00016	TRAFFIC CONTROL (SPECIAL)	1	LS	1,409,495.62	\$1,409,495.62
700-70010	F/A MINOR CONTRACT REVISIONS	1	FA	\$ 580,000.00	\$580,000.00
700-70074	F/A OBTAIN POWER FROM SERVICE PROVIDER	1	FA	\$ 30,000.00	\$30,000.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
700-70380	F/A EROSION CONTROL	1	FA	\$ 45,000.00	\$45,000.00
700	F/A FIBER INTERCONNECT	1	FA	\$ 35,000.00	\$35,000.00
700	F/A PAVEMENT SURFACE COURSE MANAGEMENT	1	FA	\$ 70,000.00	\$70,000.00
<b>TOTAL BID</b>				<b>\$13,218,000.00</b>	

BY SIGNING BELOW AND SUBMITTING THE BID PROPOSAL, THE BIDDER ACKNOWLEDGES THAT FAILURE TO PRODUCE DOCUMENTED EVIDENCE VERIFYING THAT PRIOR TO THE ACTUAL BID OPENING, THE BIDDER IS PREQUALIFIED BY THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) (ACTIVE STATUS) TO BID ON INDIVIDUAL PROJECTS OF THIS SIZE AND KIND OF WORK AS SET FORTH IN THE CONTRACT DOCUMENTS, WILL DISQUALIFY THE BIDDER FROM BEING ELIGIBLE FOR AN AWARD OF THIS CONTRACT.

ADDITIONALLY, BY SIGNING BELOW, THE BIDDER ACKNOWLEDGES THIS IS A COMPLETION DATE CONTRACT AND THE COMPLETION DATE WILL BE ESTABLISHED IN THE NOTICE TO PROCEED.

This Bid is Submitted by:

Company Name: Hamon Infrastructure Inc

Representative Name & Title: Brad Davis, Co-President

Signature: 

Date: 1/27/26

Company Address: 550 E 84th Ave, Ste E5, Thornton, CO 80229

Phone: 303-297-0340

Email: bdavis@hamonbuilt.com

**FORM**

**BID BOND**  
**(To be included in Bid Proposal)**

**KNOW ALL MEN BY THESE PRESENTS:** That we, the undersigned, \_\_\_\_\_  
**Hamon Infrastructure, Inc.**, as Principal, and **Great American Insurance Company**  
\_\_\_\_\_, a **Corporation**

duly organized under the laws of the State of **Ohio**, as Surety, are hereby held and firmly bound unto the Board of County Commissioners of Douglas County, as Obligee, in the sum of **Five Percent of the Total Amount Bid** ----- Dollars (\$ ----- **5%** ----- ), for the payment of which sum well and truly to be made, the Principal and Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally firmly by these presents.

**WHEREAS**, the above-named Principal submitted a Bid for **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019.**

**NOW, THEREFORE**, (1) if the Obligee shall accept the Bid of the Principal and the Principal and Obligee shall execute the Contract which is part of these Contract Documents, and the Principal shall provide all Bonds as required by the Contract Documents, and the Principal shall, in all other respects, perform any obligations due the Obligee as a result of the submission of its Bid; or (2) the Obligee shall reject the Principal's Bid or fail to execute the Contract within thirty days of receipt from the Contractor, then this obligation shall be null and void, but otherwise it shall remain in full force and effect. **Signed and Sealed this 22nd Day of January, 2026.**

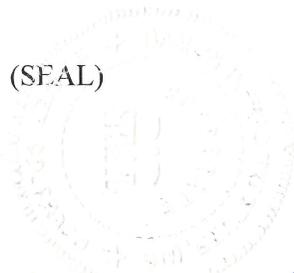
ATTEST:

\_\_\_\_\_  
(Principal) Secretary *Ryan Mastrianni*

**Hamon Infrastructure, Inc.**  
PRINCIPAL

By: \_\_\_\_\_  
*Brad Davis, Co-President*

(SEAL)



**550 E 84th Avenue, Suite E-5**  
(Address)

**Thornton, CO 80229**

\_\_\_\_\_  
(Witness as to Principal) *Krystle Sanchez, Principal Witness*  
**550 E 84th Ave, Ste E5, Thornton CO 80229**  
(Address)

FORM

**BID BOND**  
**- continued -**

ATTEST: Not Applicable

Great American Insurance Company

SURETY

BY:

  
\_\_\_\_\_  
(Surety) Secretary-- Allissa Cahalan, Attorney-in-Fact



301 E Fourth Street, Cincinnati, OH 45202

(Address)

  
\_\_\_\_\_  
(Witness as to Surety) Keeton Welch, Surety Witness

12712 Park Central Dr., Suite 100, Dallas, TX 75251  
\_\_\_\_\_  
(Address)

**GREAT AMERICAN INSURANCE COMPANY®**

**Administrative Office: 301 E 4TH STREET • CINCINNATI, OHIO 45202 • 513-369-5000 • FAX 513-723-2740**

The number of persons authorized by this power of attorney is not more than **EIGHT**

No. 0 22714

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below, each individually if more than one is named, its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name	Address	Limit of Power
DONALD E. APPLEBY LINDSEY MINUTILLO	ALL OF	ALL
TODD D. BENGFORD CONNOR OBERG	GREENWOOD VILLAGE,	\$100,000,000
SARAH C. BROWN	COLORADO	
MARK SWEIGART		
ASHLEA MCCAUGHEY		
ALISSA CAHALAN		

This Power of Attorney revokes all previous powers issued on behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this **5TH** day of **AUGUST**, 2025  
Attest **GREAT AMERICAN INSURANCE COMPANY**



*My L C. B.*

Assistant Secretary

*John K. Webster*

Divisional Senior Vice President

STATE OF OHIO, COUNTY OF HAMILTON - ss:

JOHN K. WEBSTER (877-377-2405)

On this **5TH** day of **AUGUST**, 2025, before me personally appeared **JOHN K. WEBSTER**, to me known, being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



**SUSAN A KOHORST**  
Notary Public  
State of Ohio  
My Comm. Expires  
May 18, 2030

*Susan A Kohorst*

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

*RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisional Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.*

*RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.*

**CERTIFICATION**

I, **STEPHEN C. BERAHA**, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this **22nd** day of **January**, **2026**



*My L C. B.*

Assistant Secretary

**PROJECT ADDENDA**  
**(To be completed and included as part of the Bid Proposal)**

**The Bidder is required to acknowledge receipt of all Addenda issued by the County for this Project.** The Bidder shall provide the information requested on **this page** of the Contract Document. The Bidder shall fill in the information for all Addenda as requested below.

<i>Addendum Number</i>	<i>Date of Addendum</i>	<i>Date Received</i>	<i>Acknowledged By</i>
1	01/23/2026	01/23/2026	



**ADDENDUM NUMBER 1 – DATED JANUARY 22, 2026**  
**TO THE CONTRACT DOCUMENTS AND**  
**CONSTRUCTION SPECIFICATIONS FOR**  
**PINE LANE IMPROVEMENTS**  
**DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020**  
**PINE DRIVE IMPROVEMENTS**  
**DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

From: Brolin Bundy P.E., Project Engineer

To: All Plan Holders and/or Prospective Bidders

The following revisions, additions and/or deletions are hereby made a part of the Contract Documents and Plans for the above referenced project as full and completely as if the same were set forth therein:

**CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS**

Bidders are required to acknowledge receipt of this Addendum on **Page 26** of the Contract Documents.

**I. Contract Bid Documents**

Clarifications and revisions to the Contract Documents are provided below:

- a. **The Bid Opening Date has not changed.** Bidders are required to submit their proposals electronically to Rocky Mountain BidNet by 12:00 p.m. on January 27, 2026. The Bid Opening and Reading of will be held on January 27, 2026, at 2:00 p.m. at the Phillip S. Miller Building, Suite 220
- b. The Contract Time of 410 calendar days is hereby extended to **480 calendar days.** The Contract time of **480 calendar days** will be used to determine the Completion Date, once the Notice to Proceed is established. This revision replaces (by reference) 410 calendar days with 480 calendar days on the following pages: Contract Cover Page, Pages 13, 34, 47 of the Contract Documents and Construction Specification; and PSP-6.
- c. The entire **Bid Schedule** as shown on **page 18 through page 23** is hereby deleted and replaced as part of Addendum No 1. Revisions to Bid Schedule items are shown with ***italic, red, and bold*** text. **The revised electronic Bid Schedule is available on Rocky Mountain BidNet and may be used in preparing your bid (see attached PDF).**

The revisions to the Bid Schedule pertain to the following items listed below.

- **203-00010 – Unclassified Excavation (Complete In Place) is increased from 36,320 CY to 45,135 CY**

**The applicable revisions to the Contract Documents, as provided in Addendum Number 1 (dated January 22, 2026), are included in this Addendum.**

**II. Project Plans & Specifications**

Plan and Specification revisions will be discussed below as part of Addendum Number 1

**Addendum No. 1 (Dated January 22, 2026)  
 To the Contract Documents for Pine Lane Improvements and Pine Drive Improvements  
 Douglas County Project Numbers CI 2017-019, CI 2020-020, SP 2018-005, and CI 2020-019** **Page 2**

---

(Addendum No. 1). A revised earthwork tabulation sheet (overall sheet 14 of “plan set”, TB-3 of 4) as well as additional cross sections for side streets and driveways are provided as part of Addendum No. 1.

Final plan and specification revisions will be provided to the successful bidder in the final plans marked “For Construction” which will include information in the addenda.

The quantities revised as part of Addendum No. 1 will not be reflected in the plan sheets. However, the Addendum No. 1 quantities will be uploaded to the Bid Schedule on BidNet. The final plans marked “For Construction” will be provided to the successful bidder and will include any revisions in the addenda.

The following For Information Only quantities as shown on sheet 63 of the SUE Plan Set are hereby revised as part of Addendum No. 1.

630-00007	TRAFFIC CONTROL INSPECTION	DAY	147
630-00012	TRAFFIC CONTROL MANAGEMENT	DAY	333

This is based on a 480 calendar day contract (approximately 16 months)

The Project Special Provision for Revision of Section 420 (PSP-64 and PSP-65) is hereby revised to the following (with **red text** being added and ~~strikethrough text~~ being removed):

**REVISION OF SECTION 420  
 GEOSYNTHETICS**

Section 420 of the Standard Specifications is hereby revised for this project as follows:

Subsection 420.01 shall include the following:

This work includes furnishing and installing geosynthetic material over unstable subgrade materials in accordance with these specifications and the details shown on the plans.

Subsection 420.02 shall include the following:

Geotextile (Reinforcement) shall meet the requirements of subsection 712.08, including Table 712-3.

**Tensar InterAx NX750** ~~Ten Cate Mirafi RS580i~~ or equivalent (as approved by engineer) shall be an acceptable geosynthetic product for this work.

The aggregate fill to be placed over the top of the geosynthetic material shall meet all of the specifications of Aggregate Base Course (Class 6).

Subsection 420.07 shall be deleted and replaced with the following:

Geotextile (Reinforcement) shall be installed as follows:

**Addendum No. 1 (Dated January 22, 2026)**  
**To the Contract Documents for Pine Lane Improvements and Pine Drive Improvements**  
**Douglas County Project Numbers CI 2017-019, CI 2020-020, SP 2018-005, and CI 2020-019** **Page 3**

---

**Geotextile (Reinforcement) shall be installed in accordance with the manufacturer's specifications**

Subgrade Preparation: See Section 203 for requirements.

Geosynthetic Deployment: The geosynthetic reinforcement shall be placed directly on the prepared subgrade. It should be rolled out flat and tight with no folds or wrinkles. Unroll the geosynthetic in the direction of travel so that the machine direction (i.e., long axis) of the roll is parallel with channelized traffic patterns. Adjacent rolls should be overlapped along their sides and ends as a function of subgrade strength as follows:

CBR $\geq$ 3%	12" to 18" overlap
1% $\leq$ CBR $\leq$ 3%	24" to 36" overlap
0.5% $\leq$ CBR $<$ 1%	36" or sewn
CBR $<$ 0.5%	Sewn

If the need for 40" inches of overlap is reached, it is strongly suggested that the overlap is sewn or otherwise adhered to limit the potential formation of a slip plane between the overlapped panels. *Note: very heavy loading and very soft subgrades will also warrant sewn seams instead of overlapping panels.* Prior to fill placement, the geosynthetic can be held in place using U-shaped sod staples or simply by strategically placing shovelfuls of the fill to weigh down the geosynthetic. Overlap the geosynthetics in the direction fill will be spread to avoid peeling back of the geosynthetic at overlaps by the advancing fill. Cut and overlap the geosynthetic to accommodate curves. Cutting may be done with sharp shears, razor knives or handheld power (i.e., "cutoff") saws. Cut the geosynthetic to conform to immovable protrusions, such as manhole covers and vertical utilities.

Fill Placement: Aggregate fill, as specified, should be placed directly over the geosynthetic in 8–12 inch loose lifts. Typically, if the design section thickness is  $\leq$  16 inches, the entire section should be placed and compacted in one single lift to minimize further degradation of the subgrade. On relatively competent subgrades (CBR  $\geq$  4%), standard, highway legal, rubber-tired vehicles (end dumps and belly dumps) may be driven over the exposed geosynthetic at slow speeds (less than 5 mph), and in straight paths. These vehicles can dump aggregate fill as they advance, provided this construction traffic will not cause significant rutting upon bare subgrade. Sudden braking, sudden starting and sharp turning should be avoided. Tracked construction equipment must not be operated directly upon the exposed geosynthetic. A minimum aggregate fill thickness of 6 inches is required prior to operation of tracked equipment on the geosynthetic.

In addition, turning of tracked equipment should be kept to a minimum to prevent tracks from displacing the fill and damaging the geosynthetic. Over softer subgrades (CBR  $<$  4%), aggregate fill should be end-dumped from the edge of the previously placed material, spreading from the middle outward.

Compaction: Standard compaction methods may be used unless the soils are very soft (CBR  $\leq$  1.5%). In such cases, static compaction with a light smooth-drum roller is considered prudent. Installation and Repairs for Damaged Areas: Repairs to roadway reinforcement geosynthetics can be made in the field by

**Addendum No. 1 (Dated January 22, 2026)  
To the Contract Documents for Pine Lane Improvements and Pine Drive Improvements  
Douglas County Project Numbers CI 2017-019, CI 2020-020, SP 2018-005, and CI 2020-019** **Page 4**

---

placing a repair panel or patch over the damaged area. The repair panel should extend a minimum of 3 ft beyond the edges of the damaged geosynthetics. Pullout and/or direct sliding calculations should be performed by the project engineer to verify the minimum required overlap length to meet a specific project's requirements.

Subsection 420.10 shall include the following:

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the bid schedule:

<b>Pay Item</b>	<b>Pay Unit</b>
Geogrid Pavement Reinforcement	Square Yard
Geotextile (Erosion Control) (Class 1)	Square Yard

All work and materials necessary for placement shall not be paid for separately but shall be included in the work.

Geotextile that is damaged after placement shall be removed and replaced at the Contractor's expense.

**END REVISION OF SECTION 420  
GEOSYNTHETICS**

**Addendum Number 1 (dated January 22, 2026) is available for downloading at:**

[www.bidnetdirect.com//douglas-county-engineering](http://www.bidnetdirect.com//douglas-county-engineering)

**For Contractor convenience, an electronic bid schedule may be obtained at the website.**

**Bid Schedule shall be submitted as hard copy only in accordance with the Contract Documents and Specifications. Bidders who require assistance in downloading / obtaining the electronic bid schedule for this Project from the above website shall contact Gretchen Marquez at 303.660.7490.**

**END OF ADDENDUM NUMBER 1**

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
201-00000	CLEARING AND GRUBBING	1	LS		
202-00010	REMOVAL OF TREE (6.1" TO 12" DIAMETER)	3	EACH		
202-00010	REMOVAL OF TREE (24" AND GREATER DIAMETER)	1	EACH		
202-00019	REMOVAL OF INLET	1	EACH		
202-00033	REMOVAL OF PIPE	11	EACH		
202-00035	REMOVAL OF PIPE (UTILITIES)	4795	LF		
202-00195	REMOVAL OF MEDIAN COVER	2	SY		
202-00203	REMOVAL OF CURB AND GUTTER	1401	LF		
202-00210	REMOVAL OF CONCRETE PAVEMENT	501	SY		
202-00220	REMOVAL OF ASPHALT MAT	23286	SY		
202-00810	REMOVAL OF GROUND SIGN	34	EACH		
202-01000	REMOVAL OF FENCE	3524	LF		
202-04002	CLEAN CULVERT	3	EACH		
<i>203-00010</i>	<i>UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)</i>	<i>45135</i>	<i>CY</i>		
203-01597	POTHOLING	1500	HOUR		
206-00510	FILTER MATERIAL (CLASS A)	326	CY		
207-00205	TOPSOIL	4846	CY		
208-00002	SEDIMENT CONTROL LOG (12 INCH)	4435	LF		
208-00045	CONCRETE WASHOUT STRUCTURE	1	EACH		
208-00050	INLET PROTECTION	73	EACH		
208-00075	PRE-FABRICATED VEHICLE TRACKING PAD	2	EACH		
208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	60	HOUR		
208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	60	HOUR		
208-00106	SWEEPING (SEDIMENT REMOVAL)	120	HOUR		
208-00207	EROSION CONTROL MANAGEMENT	90	DAY		
208	CONSTRUCTION MARKER	265	EACH		

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
208	REINFORCED ROCK BERM FOR CULVERT PROTECTION	49	EACH		
208	STABILIZED STAGING AREA	10000	SF		
210-00010	RESET MAILBOX STRUCTURE	7	EACH		
210-00810	RESET GROUND SIGN	4	EACH		
210-01000	RESET FENCE	32	LF		
210-04027	MODIFY STRUCTURE (SPECIAL)	1	EACH		
212-00006	SEEDING (NATIVE)	9.7	ACRE		
213-00003	MULCHING (WEED FREE)	9.7	ACRE		
213-00061	MULCH TACKIFIER	1940	LB		
216-00222	SOIL RETENTION BLANKET (COCONUT) (BIODEGRADABLE CLASS 2)	10090	SY		
240-00000	WILDLIFE BIOLOGIST	8	HOUR		
304-06007	AGGREGATE BASE COURSE (CLASS 6)	12284	CY		
304-06000	AGGREGATE BASE COURSE (CLASS 6) (ALL -WEATHER SURFACE)	3867	TON		
403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	15	TON		
403-09221	STONE MATRIX ASPHALT (1/2") (PG 76-28) (75) (2.5")	5003	TON		
403-33721	HOT MIX ASPHALT (GRADING S) (75) (PG 58-28)	10349	TON		
411-10255	EMULSIFIED ASPHALT (SLOW-SETTING)	7186	GAL		
412-00600	CONCRETE PAVEMENT (6 INCH)	313	SY		
412-01000	CONCRETE PAVEMENT (10 INCH)	303	SY		
420-00520	GEOGRID PAVEMENT REINFORCEMENT	41337	SY		
420-00102	GEOTEXTILE (EROSION CONTROL) (CLASS 1)	162	SY		
501-00200	STEEL SHEET PILING (TYPE II)	1430	SF		
503-00036	DRILLED SHAFT (36 INCH)	40	LF		
503-00042	DRILLED SHAFT (42 INCH)	124	LF		
506-00030	GROUTED RIPRAP	26	CY		
506-00212	RIPRAP (12 INCH)	93	CY		

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
506-00409	SOIL RIPRAP (9 INCH)	815	CY		
506	GROUTED BOULDERS (24 INCH)	527	CY		
601-03050	CONCRETE CLASS D (WALL)	154	CY		
603-01185	18 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	3526	LF		
603-01245	24 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	1118	LF		
603-01305	30 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	512	LF		
603-01965	96 INCH REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	292	LF		
603-02185	23x14 INCH REINFORCED CONCRETE PIPE ELLIPTICAL (COMPLETE IN PLACE)	89	LF		
603-02305	38x24 INCH REINFORCED CONCRETE PIPE ELLIPTICAL (COMPLETE IN PLACE)	235	LF		
603-10120	12 INCH CORRUGATED STEEL PIPE	73	LF		
603-10180	18 INCH CORRUGATED STEEL PIPE	120	LF		
603-05018	18 INCH REINFORCED CONCRETE END SECTION	3	EACH		
603-05024	24 INCH REINFORCED CONCRETE END SECTION	3	EACH		
603-05118	23x14 INCH REINFORCED CONCRETE END SECTION ELLIPTICAL	1	EACH		
603-05130	38x24 INCH REINFORCED CONCRETE END SECTION ELLIPTICAL	1	EACH		
603-30012	12 INCH STEEL END SECTION	4	EACH		
603-30018	18 INCH STEEL END SECTION	4	EACH		
604-00305	INLET TYPE C (5 FOOT)	3	EACH		
604-00310	INLET TYPE C (10 FOOT)	1	EACH		
604-00505	INLET TYPE D (5 FOOT)	3	EACH		
604-00510	INLET TYPE D (10 FOOT)	1	EACH		
604-00550	INLET TYPE D (SPECIAL)	1	EACH		
604-13010	INLET TYPE 13 (10 FOOT)	1	EACH		
604-16510	INLET TYPE 16 (DOUBLE) (10 FOOT)	1	EACH		
604-16610	INLET TYPE 16 (TRIPLE) (10 FOOT)	1	EACH		
604-19105	INLET TYPE R L5 (5 FOOT)	2	EACH		

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
604-19110	INLET TYPE R L5 (10 FOOT)	5	EACH		
604-19205	INLET TYPE R L10 (5 FOOT)	4	EACH		
604-19210	INLET TYPE R L10 (10 FOOT)	13	EACH		
604-19215	INLET TYPE R L10 (15 FOOT)	2	EACH		
604-30005	MANHOLE SLAB BASE (5 FOOT)	1	EACH		
604-30010	MANHOLE SLAB BASE (10 FOOT)	1	EACH		
604-31010	MANHOLE BOX BASE (10 FOOT)	3	EACH		
604-31015	MANHOLE BOX BASE (15 FOOT)	3	EACH		
604-31020	MANHOLE BOX BASE (20 FOOT)	2	EACH		
606-99999	GUARDRAIL TYPE 7 (PRECAST)	60	LF		
607-11200	FENCE COMBINATION WIRE WITH METAL POSTS	1422	LF		
607-11460	FENCE WOOD RAILING	958	LF		
607-11525	FENCE (PLASTIC)	1000	LF		
607-11530	FENCE (SPECIAL)	293	LF		
609-21010	CURB AND GUTTER TYPE 2 (SECTION I-B)	2627	LF		
609-21020	CURB AND GUTTER TYPE 2 (SECTION II-B)	11215	LF		
609-23000	GUTTER (SPECIAL)	365	LF		
609-24010	GUTTER TYPE 2 (10 FOOT)	137	LF		
610-00020	MEDIAN COVER MATERIAL (PATTERNED CONCRETE)	20236	SF		
612-00001	DELINEATOR (TYPE 1)	42	EACH		
612-15000	INSTALL MARKER	15	EACH		
613	PVC CONDUIT 2" TRENCHED	190	LF		
613	PVC CONDUIT 2" BORED	6180	LF		
613	COMMON TRENCH	130	LF		
613	COMMON BORE	490	LF		
613	PVC CONDUIT 2" (WITHIN COMMON TRENCH)	190	LF		

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
613	PVC CONDUIT 3" (WITHIN COMMON TRENCH)	250	LF		
613	PVC CONDUIT 2" (WITHIN COMMON BORE)	980	LF		
613	PVC CONDUIT 3" (WITHIN COMMON BORE)	980	LF		
613	STREET NAME SIGN (ALUMINUM)	8	EACH		
613	PULL BOX (TYPE 1)	13	EACH		
613	PULL BOX (TYPE 2)	3	EACH		
613	PULL BOX (TYPE VAULT)	4	EACH		
613-10000	WIRING	1	LS		
613	LUMINAIRE (LED)	8	EACH		
613-50109	METER POWER PEDESTAL	2	EACH		
614-10160	SIGNAL HEAD BACKPLATES	17	EACH		
614	TRAFFIC SIGNAL HEAD, 3-SECTION, 12" LENSES	17	EACH		
614	TRAFFIC SIGNAL HEAD, 3-SECTION, 12" LENSES (ARROW)	2	EACH		
614	TRAFFIC SIGNAL HEAD, 4-SECTION, 12" LENSES (ARROW / CIRCULAR)	14	EACH		
614	TRAFFIC SIGNAL CONTROLLER CABINET (332D) (WITH AUX OUTPUT FILE)	2	EACH		
614	EMERGENCY PREEMPTION DETECTOR	7	EACH		
614	EMERGENCY PREEMPTION DISCRIMINATOR CARD (TYPE 764)	2	EACH		
614	WAVETRONIX MICROWAVE RADAR VEHICLE DETECTION SYSTEM (WITH 112 CARDS FOR 170E CONTROLLER)	2	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 25' MAST ARM	1	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 30' MAST ARM	1	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 35' MAST ARM	2	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 45' MAST ARM	2	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 50' MAST ARM	1	EACH		
614	TRAFFIC SIGNAL LIGHT POLE, 60' MAST ARM	1	EACH		
614	TRAFFIC SIGNAL CONTROLLER (ECONOLITE COBALT/EOS RACKMOUNT)	2	EACH		
614	CONFLICT MONITOR (ECLIP)	2	EACH		

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
614	UNINTERRUPTED POWER SOURCE (ECONOLITE SUPERCAP 48V SYSTEM)	2	EACH		
614	PTZ/UFO CAMERA SYSTEM	2	EACH		
614-87350	TEST FIBER OPTIC CABLE	1	LS		
614	FIBER OPTIC CABLE (SINGLE MODE) (12 STRANDS)	450	LF		
614-87424	FIBER OPTIC CABLE (SINGLE MODE) (24 STRANDS)	350	LF		
614	FIBER OPTIC CABLE (SINGLE MODE) (72 STRANDS)	7450	LF		
614	SPLICE FIBER OPTIC CABLE (72 STRAND)	72	EACH		
614-87690	ETHERNET SWITCH	2	EACH		
614	24 PORT PANDUIT FIBER TRAYS WITH ST CONNECTORS	4	EACH		
614	FIBER SPLICE ENCLOSURES (COYOTE DOME)	4	EACH		
614	MULE TAPE	6100	LF		
614	TRACER WIRE	6100	LF		
614-00011	SIGN PANEL (CLASS 1)	72	EACH		
614-00216	STEEL SIGN POST (2X2 INCH TUBING)	48	EACH		
620-00002	FIELD OFFICE (CLASS 2)	1	EACH		
620-00020	SANITARY FACILITY	2	EACH		
621-00450	DETOUR PAVEMENT	7363	SY		
625-00000	CONSTRUCTION SURVEYING	1	LS		
625-00001	CONSTRUCTION SURVEYING (HOURLY)	100	HOUR		
626-00000	MOBILIZATION	1	LS		
627-00009	MODIFIED EPOXY PAVEMENT MARKING (INLAID)	151	GAL		
627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD-SYMBOL) (INLAID)	729	SF		
627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOPLINE) (INLAID)	429	SF		
630-00016	TRAFFIC CONTROL (SPECIAL)	1	LS		
700-70010	F/A MINOR CONTRACT REVISIONS	1	FA	\$580,000.00	\$580,000.00
700-70074	F/A OBTAIN POWER FROM SERVICE PROVIDER	1	FA	\$30,000.00	\$30,000.00

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019  
ADDENDUM NUMBER 1 -DATED JANUARY 22, 2026  
BID SCHEDULE**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
700-70380	F/A EROSION CONTROL	1	FA	\$45,000.00	\$45,000.00
700	F/A FIBER INTERCONNECT	1	FA	\$35,000.00	\$35,000.00
700	F/A PAVEMENT SURFACE COURSE MANAGMENT	1	FA	\$70,000.00	\$70,000.00
<b>TOTAL BID</b>					

BY SIGNING BELOW AND SUBMITTING THE BID PROPOSAL, THE BIDDER ACKNOWLEDGES THAT FAILURE TO PRODUCE DOCUMENTED EVIDENCE VERIFYING THAT PRIOR TO THE ACTUAL BID OPENING, THE BIDDER IS PREQUALIFIED BY THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) (ACTIVE STATUS) TO BID ON INDIVIDUAL PROJECTS OF THIS SIZE AND KIND OF WORK AS SET FORTH IN THE CONTRACT DOCUMENTS, WILL DISQUALIFY THE BIDDER FROM BEING ELIGIBLE FOR AN AWARD OF THIS CONTRACT.

ADDITIONALLY, BY SIGNING BELOW, THE BIDDER ACKNOWLEDGES THIS IS A COMPLETION DATE CONTRACT AND THE COMPLETION DATE WILL BE ESTABLISHED IN THE NOTICE TO PROCEED.

**This Bid is Submitted by:**

**Company Name:** \_\_\_\_\_

**Representative Name & Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Company Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

I:\118383-01 Pine Drive Improvements\CADD\Design\Drawings\D118383-01TAB02, 1/21/2026 12:23:27 PM, Scott Dankenbring

INDEX			ITEM	PROJECT TOTALS									
BOOK	PAGE	SHEET											
			<u>203-00010</u> <u>UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)</u> <u>FROM CROSS SECTIONS:</u>  PINE DRIVE STA. 320+97.33 TO STA. 350+00.00 PINE DRIVE (NORTH TRANSITION) STA. 1350+00.00 TO STA. 1354+81.34 PINE LANE STA. 128+12.89 TO STA. 144+59.25 PONDEROSA DRIVE WEST STA. 221+58.13 TO STA. 227+50.00 PONDEROSA DRIVE EAST STA. 229+50.00 TO STA. 233+92.53 HOPE DRIVEWAY STA. 10+56.50 TO STA. 11+50.00 BAPTIST DRIVEWAY STA. 30+44.00 TO STA. 31+54.68 MEADOWGATE LANE STA. 40+43.99 TO STA. 42+00.00 HUSS DRIVEWAY STA. 60+42.50 TO STA. 65+38.49 PARKER DRIVEWAY STA. 70+42.50 TO STA. 75+00.00 BAPTIST DRIVEWAY STA. 60+26.50 TO STA. 64.59+32 HOPE DRIVEWAY STA. 50+49.81 TO STA. 51+73.50  SIERRA MIDDLE SCHOOL POND SIERRA MIDDLE SCHOOL MINOR GRADING LINCOLN POND BAPTIST CHANNEL  TOTAL (PAY QUANTITY)	CU. YDS.  17,941 1,884 4,210 911 2,601 9 359 18 3,060 2,321 1,966 221  887 69 3,751 4,926  45,135			<u>EMBANKMENT MATERIAL (COMPLETE IN PLACE)</u> <u>FROM CROSS SECTIONS:</u>  PINE DRIVE STA. 320+97.33 TO STA. 350+00.00 PINE DRIVE (NORTH TRANSITION) STA. 1350+00.00 TO STA. 1354+81.34 PINE LANE STA. 128+12.89 TO STA. 144+59.25 PONDEROSA DRIVE WEST STA. 221+58.13 TO STA. 227+50.00 PONDEROSA DRIVE EAST STA. 229+50.00 TO STA. 233+92.53 HOPE DRIVEWAY STA. 10+56.50 TO STA. 11+50.00 BAPTIST DRIVEWAY STA. 30+44.00 TO STA. 31+54.68 MEADOWGATE LANE STA. 40+43.99 TO STA. 42+00.00 HUSS DRIVEWAY STA. 60+42.50 TO STA. 65+38.49 PARKER DRIVEWAY STA. 70+42.50 TO STA. 75+00.00 BAPTIST DRIVEWAY STA. 60+26.50 TO STA. 64.59+32 HOPE DRIVEWAY STA. 50+49.81 TO STA. 51+73.50  SIERRA MIDDLE SCHOOL POND SIERRA MIDDLE SCHOOL MINOR GRADING LINCOLN POND BAPTIST CHANNEL  TOTAL	CU. YDS.  3,427 65 1,055 579 29 41 2 273 224 464 750 7  67 0 1,355 27  8,363				COMPACTON (MOISTURE & DENSITY CONTROL) EMBANKMENT (NET) BASES OF CUTS & FILLS (12" DEPTH)  TOTAL  WETTING QUANTITIES (FOR COMPACTION) (8363.42 x 0.040 MILLION GALLONS / CY)  TOTAL  EARTHWORK QUANTITY BALANCE EMBANKMENT x FACTOR (1.15)  EMBANKMENT REQUIRED FOR SHRINKAGE BASES OF CUTS & FILLS  BALANCE TOTAL  UNCLASSIFIED EXCAVATION TO BE DIPOSED OF BY CONTRACTOR BALANCE TOTAL	CU. YDS. 8,363 -  8,363  M. GAL. 335  335  CU. YDS. 9,618  9,618  45,135 35,517 9,618

ADDENDUM NUMBER I, JANUARY 22, 2026 - - Cover for reference: All remaining pages included in "For Construction" plans.

Print Date: 1/21/2026 12:23:27 PM	 6400 South Fiddlers Green Circle, Suite 1500 Greenwood Village, CO 80111 Phone: 303.721.1440 www.FHUENG.com	Sheet Revisions				As Constructed	PINE LANE AND PINE DRIVE IMPROVEMENTS TABULATION OF EARTHWORK		Project No./Code	
File Name: D118383-01TAB02.dwg		(R-X)	Date	Comments		Initials	No Revisions:			CI2017-019/CI2020-020
Horizontal Scale: NTS Vertical Scale: NTS							Revised:	Designer: SED	Structure Numbers	SP2018-005/CI2020-019
					Void:	Detailer: SED				
						Subset: Roadway	Sheets: TB-3 of 4	Sheet Number		

**STATEMENT OF BIDDER'S QUALIFICATIONS**

**PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019  
& CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT  
NUMBERS SP 2018-005 & CI 2020-019  
(To be included in Bid Proposal)**

**DATE SUBMITTED 01/27/2026**

All questions must be answered, and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information that is pertinent.

1. Name of Bidder? Hamon Infrastructure, Inc.
2. Permanent main office address? 550 E 84th Ave, Suite E5, Thornton, CO 80229
3. If a corporation, where incorporated? Colorado
4. How many years have you been engaged in this type of construction? Under what firm or trade names and how long under each?  
35 years, Hamon Contractors Inc - 01/11/1990 to 03/02/2015,  
Hamon Infrastructure Inc - 03/02/2015-present
5. Contracts on hand (show gross dollar amount of each contract and the anticipated date of completion):  
Please see attachment
6. Are you licensed as a Municipal Contractor or any other title?  
Yes  No  If Yes, in what city, county and state?  
Denver, CO  
  
What Class license and number? ROW GENERAL - LIC00247559

7. General character of work performed by your firm? General Contractor - Heavy Highway - Civil Infrastructure

8. Has your firm ever failed to complete any work awarded to you?  
Yes \_\_\_\_\_ No X If Yes, where and why?

---

---

---

9. Has your firm ever defaulted on a contract?  
Yes \_\_\_\_\_ No X If Yes, where and why?

---

---

---

10. List the more important contracts recently completed by your firm, stating approximate gross cost for each, the month and year started and completed and location and type of construction. (Use additional sheets if necessary.)

Please see attachment

---

---

---

11. List your firm's experience in construction work similar in importance to this Project. DETAIL (Use additional sheets if necessary.)

Please see attachment

---

---

---

---

12. List your firm's major equipment available for this contract.  
see attached

---

---

---

---

13. Background and experience of the principal members of your firm, including the officers.

NAME

EXPERIENCE

Please see attachment

<hr/>	<hr/>

14. Are any lawsuits pending against you or your firm at this time?

Yes \_\_\_\_\_ No  If Yes, PROVIDE DETAILS.

---

---

---

---

15. Have any charges been filed against you or your firm or the bidding entity with the Office of Contract Compliance, the Equal Opportunity Commission, the State of Colorado Civil Rights Commission, or any other similarly constituted entity charged by any state or local government with the enforcement of anti-discrimination legislation or regulations?

Yes \_\_\_\_\_ No  If Yes, PROVIDE DETAILS.

---

---

---

---

16. Attach copies of all current Department of Labor Forms EEO-1 which have hitherto been filed by your firm. For sample of this form please go to <https://www.eeoc.gov/employers/reporting.cfm>

17. Give bank reference. Jon Wilms - First Vice President - MidFirst Bank - (303) 376-3843, jon.wilms@midfirst.com

18. What are the limits of your firm's public liability? DETAIL.

Commercial General Liability - \$1,000,000 per occurrence, \$2,000,000 aggregate

Umbrella - \$10,000,000 per occurrence, \$10,000,000 aggregate

Commercial General Liability - The Charter Oak Fire Insurance Company

What Insurance Company? Umbrella - Travelers Property Casualty Company of America

19. What are your firm's bond limitations? \$175,000,000

20. Credit Available? \$140,000,000

21. Will you, upon request, fill out a detailed financial statement for your firm and furnish any other information that may be required by the County of Douglas?

Yes  No \_\_\_\_\_

22. Is your firm currently prequalified with the Colorado Department of Transportation for contracts of the size and type as set forth in your Bid Proposal?

Yes  No \_\_\_\_\_

23. The Bidder shall provide a complete list of all subcontractors to be used, work to be performed by item, and dollar amount of subcontracted work. No change in this subcontractor list shall be made without written authorization by the Project Engineer.

Subcontractor	Items of Work	Dollar Amount
Silver Bull	CIP Inlets	\$480,000
Root Tree	Arborist	\$3,500.00
Loya	Asphalt	\$1,800,000.00
Thon tt	Flutwork	\$515,000.00
ITS	Electrical	\$1,090,000.00
Cascade	Environmental	\$1,500.00
CDF	Erosion /Landscape	\$110,000.00
EMR	Fencing	\$70,000.00
Raynolds	Testings	\$60,000.00
Sotello	Rebar placement	\$6,000.00
Front Range	Signage	\$28,000.00

24. The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the County of Douglas in verification of the recitals comprising this Statement of Bidder's Qualifications.

DATED AT 9:21 a.m., this 27<sup>th</sup> day of January, 2020.

Hamon Infrastructure, Inc.

(Name of Bidder)

By Brad Davis



Title Co - President

STATE OF Colorado)

) ss

COUNTY OF Adams)

Brad Davis being first duly sworn, deposes and says that he is the Co - President of Hamon Infrastructure, Inc.,

the Bidder that has submitted the attached Bid, and that the answers to the foregoing questions and all statements therein contained are true and correct. Subscribed and sworn to me before this

27<sup>th</sup> day of January, 2020.

Krystle Sanchez



(Notary Public)



My commission expires: 01/29/2028

**NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**  
**(To be included in Bid Proposal)**

STATE OF Colorado )

COUNTY OF Adams )

Brad Davis, being first duly sworn, deposes and says that:

- (1) He/She is the Co - President of Hamon Infrastructure, Inc., the Bidder that has submitted the attached Bid;
- (2) He/She is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through the collusion, conspiracy, connivance or unlawful agreement any advantage against Douglas County or persons interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed: 

Brad Davis  
(Print Name)

Co - President  
(Title)

**NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**

- continued -

Subscribed and sworn to before me this 26<sup>th</sup> day of January, 2020.

Krystle Sanchez

(Notary Public)



My commission expires: 01/29/2028.

## AGREEMENT

Project Name: **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

1. **Parties.** This Agreement is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, **2026**, between the Board of County Commissioners of the County of Douglas, State of Colorado (hereinafter "County") and **Hamon Infrastructure, Inc** (hereinafter "Contractor").

2. **Contract Documents.** The entire contract between the Parties shall consist of and include:

- A. This Contract, which includes the Cover Page and Table of Contents;
- B. Standard Specifications for Road and Bridge Construction, **dated 2023** adopted by the Colorado Department of Transportation;
- C. CDOT Standard Plans-M&S Standards, as current at time of Bid;
- D. Douglas County Roadway Design and Construction Standards, as current at time of Bid;
- E. The Invitation to Bid;
- F. Notice to Bidders;
- G. Douglas County's Standard Special Provisions (SSPs), Project Special Provisions (PSPs) and Project Addenda;
- H. Plans and Drawings;
- I. Proposal Form and Bid Bond Form;
- J. Payment and Performance Bonds;
- K. Notice of Intent to Award;
- L. Notice to Proceed;
- M. Change Orders;
- N. Non-Collusion Affidavit;
- O. Warranty;
- P. County's Payment Policies;
- Q. Bid Proposal and Schedule;
- R. Insurance Certificates; and
- S. Appendix and other attachments.

3. Except as otherwise provided in this Contract, the Project shall be constructed in accordance with the CDOT Standard Specifications for Road and Bridge Construction, **dated 2023**.

4. **Scope of Work.** Contractor shall complete all work as specified or indicated in the Contract Documents. The work is generally described as follows: **This project consists of extending the 4-lane roadway section north from Lincoln Avenue to approximately 700-ft north of the intersection with Pine Lane and includes installing traffic signals at Ponderosa Drive and Pine Lane Intersections; and widening Pine Lane from a 2-lane roadway section (one through lane in each direction) to include a center two-way left-turn lane between Dixon Drive and Pine Drive and provide a westbound right-turn deceleration lane at Dixon Drive.** The Contractor shall furnish all of the necessary supervision, materials, tools and supplies and perform all of the labor and other services necessary to complete this Contract.

5. **Contract Time.** This is a **Completion Date Contract**. The **Contract Time of 480 calendar days will be used to determine the Completion Date, once the Notice to Proceed is established.** The work shall be completed and ready for Final Acceptance by the Completion Date determined in the Notice to Proceed. The Contractor agrees that time is of the essence and agrees to proceed with due diligence, taking all precautions, and making all necessary arrangements to insure the completion of the work within the prescribed time period.

6. **Compensation.** As consideration for the completion of the Project as required by the Contract Documents, the County shall pay the Contractor the sum of **Thirteen Million, Two Hundred Eighteen Thousand and 00/100 Dollars (\$13,218,000.00)** which amount shall be payable pursuant to the Contract Documents.

7. **Amount of Money Appropriated.** Any other provision of this Contract notwithstanding and pursuant to Section 29-1-110, C.R.S., the amount of funds appropriated for this Contract is **Thirteen Million, Two Hundred Eighteen Thousand and 00/100 Dollars (\$13,218,000.00)** for fiscal year **2026**. In no event shall the County be liable for payment under this Contract for any amount in excess thereof. The County is not under obligation to make any future apportionment or allocation to this Contract nor is anything set forth herein a limitation of liability for the Contractor. Any potential expenditure for this Contract outside the current fiscal year is subject to future annual appropriation of funds for any such proposed expenditure.

8. **Change Orders.** No change order, or other form of order or directive of the County requiring additional compensable work to be performed, which work is in excess of that specified in Paragraph 7 above, shall be issued unless the Contractor is given written assurance by the County that lawful appropriations to cover the costs of the additional work will be or have been made.

9. **Taxes.** The Contractor shall apply to the State Revenue Department for an exemption certificate in order to exempt it from having to pay sales and use tax.

10. **Bonds.** The Contractor shall secure and maintain, at the Contractor's expense, Payment and Performance Bonds as required by statute executed by a corporate surety licensed to do business in the State of Colorado. Such bonds shall be in the full amount of the contract price and shall be filed with the County prior to the commencement of any work on the Project.

11. **Indemnification and Insurance.** Contractor agrees to:

- A. **Indemnification.** To the fullest extent permitted by law, the Contractor and each of its subcontractors shall indemnify and hold harmless the County, its officers, employees and insurers from and against all claims, damages, losses, expenses and demands, including court costs, attorney's fees and expenses, due to injuries, losses or damages arising out of, resulting from, or in any manner connected with Contractor's services on behalf of the County pursuant to this Contract, if any such injury, loss or damage is caused in whole or in part by, or is claimed to be caused in whole or in part by, the act, omission, error, mistake, negligence, or other fault of Contractor, any subcontractor, any officer, employee, representative or agent of any of them, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable; provided, however, that except for workers' compensation, disability benefits or other similar employee benefit claims, Contractor is not obligated to indemnify the County hereunder for that portion of any claims, damages, losses, demands, and expenses arising out of or resulting from any negligent act or omission

of the County, or its agents and employees. Contractor's indemnification obligation hereunder shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this paragraph. With respect to any and all claims against the County, or any of its officers, employees, or agents by any employee of Contractor, any of its subcontractors, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation described above shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any of its subcontractors under workers' compensation acts, disability benefit acts, or other employee benefit acts. Further, this indemnification is intended to comply with and be subject to § 13-50.5-102(8), C.R.S., as amended from time to time.

- B. Procure and maintain commercial general liability insurance including completed operations, contractual liability, products liability and automobile liability, affording coverage for all claims for bodily injury including death and all claims for destruction of or damage to property, arising out of or in connection with any operations under this Contract, whether such operations be by the Contractor, by subcontractors under it or anyone directly or indirectly employed by the Contractor or by subcontractor under it. Required coverage is outlined in **Revision of Section 107 of the Standard Special Provisions and made a part of this Contract.**
- C. Obtain and maintain during the term of this Contract worker's compensation insurance as required by law. This insurance shall cover all of its employees employed under the terms of this Contract. If any of the work on the Project is sublet, the Contractor shall require each of its subcontractors to provide similar coverage for all of the subcontractor's employees to be engaged in such work.
- D. Contractor is an independent Contractor under this Contract. Notwithstanding any provision of this Contract, all personnel assigned by the Contractor to perform work under this Contract shall be and remain at all times employees of the Contractor for all purposes. Contractor is required to maintain workers' compensation insurance for such employees as set forth in paragraph 11.C herein. **THE INDEPENDENT CONTRACTOR IS NOT ENTITLED TO WORKERS' COMPENSATION BENEFITS THROUGH THE COUNTY AND IS OBLIGATED TO PAY FEDERAL AND STATE INCOME TAX ON ANY MONIES EARNED PURSUANT TO THE CONTRACTUAL RELATIONSHIP.**

12. **No Waiver of Governmental Immunity Act.** The parties hereto understand and agree that the County, its commissioners, officials, officers, directors, agents and employees, are relying on, and do not waive or intend to waive by any provisions of this Contract, the monetary limitations or any other rights, immunities and protections provided by the Colorado Governmental Immunity Act, §§ 24-10-101 to 120, C.R.S., or otherwise available to the County.

13. **Assignment.** The Contractor covenants and agrees that it will not assign or transfer its rights hereunder, or subcontract any work hereunder, either in whole or in part, without the prior written approval of the Project Engineer. Any attempt by the Contractor to assign or transfer its rights hereunder shall, at the option of the County, void the assignment or automatically terminate this Contract and all rights of the Contractor hereunder.

14. **Subletting of Contract.** The Contractor shall not sublet, sell, transfer, assign or otherwise dispose of the Contract, or its right, title or interest therein, without the written consent of the County. The Contractor may utilize the services of specialty Contractors on those parts of the Project which, under normal contracting practices, are performed by specialty subcontractors. The Contractor shall be fully responsible to the County for the acts and omissions of the subcontractors and of persons directly employed by them, as it is for the acts and omissions of persons directly employed by it. The Contractor shall provide appropriate provisions to be inserted on all subcontracts relative to the Project to bind the subcontractors to the Contractor by the terms of the Contract Documents to give the Contractor the same power in regard to termination of any subcontractor that the County may exercise over the Contractor under any provision of the Contract Documents.

15. **Non-Discrimination and Federal Assurances in Connection with Performance of Work.** The Contractor agrees not to refuse to hire, discharge, promote or demote, or discriminate in matters of compensation against any person otherwise qualified, solely because of race, creed, sex, age, color, national origin, or ancestry and further agrees to insert the foregoing provision in all subcontracts hereunder. Further, Contractor agrees to comply with the Standard Title VI Non-Discrimination Appendices A and E attached hereto and incorporated herein, and the foregoing shall be a provision in all subcontracts hereunder.

16. **Cancellation of Contract.** Failure of the Contractor to comply with any of the requirements of this Contract may be considered by the County as evidence of the inability on the part of the Contractor to maintain the quality and service standards necessary under this Contract and shall be sufficient cause for termination of the Contract and the County initiating legal action against the Performance Bond of the Contractor.

17. **Patented Devices, Materials and Processes.** If a Contractor is required or desires to use any design, device, invention, product, material or process covered by letters of patent or copyright, it shall provide for such use by suitable legal agreement with the patentee or copyright owner and the County and shall pay all license fees and royalties and assume all costs incident to such use and construction of the Project or incorporation in the Project. The Contractor agrees to defend, indemnify and save harmless the County from any and all claims for infringement by reason of the use of such patented design, device, invention, Project, material, or process or any trademark or copyright in connection with the construction of the Project pursuant to the Contract Documents and shall defend and indemnify the County for any costs, expense, and damages, including attorney's fees, which the County may be obliged to pay for any such infringement at any time such claim is made or prosecuted, including, but not limited to, after the completion of the Project. If the County determines, in the reasonable exercise of its discretion, that a joint defense for the County and the Contractor creates a conflict of interest, the County shall be permitted to select its own counsel, and the Contractor shall pay all reasonable attorneys' fees, expenses (including expert fees and expenses), and costs of the County's defense. The County may, if it so desires, withhold any payment due the Contractor so long as it shall be reasonably necessary to indemnify the County on account of such injuries or damage.

18. **Compliance with Safety and Health.** Contractor agrees, in the performance of this Contract, to comply with all safety orders, rules and regulations imposed pursuant to the Colorado Occupational Safety and Health Program, commonly referred to as COSHA, and/or all other safety orders and regulations properly imposed by any other regulatory governmental agency of the State of Colorado or of the United States.

19. **Permits and Licenses.** Unless otherwise provided, the Contractor shall procure all permits

and licenses and pay all charges and fees including, but not limited to, all inspection charges of agencies having appropriate jurisdiction, give all notices necessary and incidental to the due and lawful construction of the Project. County may assist Contractor, when necessary, in obtaining such permits and licenses.

20. **Venue.** Any and all legal actions pertaining or related to this Contract shall be filed and tried in the District Court in and for the County of Douglas, State of Colorado.

21. **Colorado Labor Preference.** The provisions of §§ 8-17-101 through 8-17-107, C.R.S., are applicable to this Contract. Colorado labor must be employed to perform the work to the extent of not less than eighty percent (80%) of each type of class of labor in the several classifications of skilled and common labor employed on the Project. The 80% requirement for Colorado labor shall be waived by the County if there is reasonable evidence to demonstrate insufficient Colorado labor to perform the work of the Project and if compliance with this requirement would create an undue burden that would substantially prevent the Project from proceeding to completion. Colorado labor means any person who is a resident of the State of Colorado at the time of the public works Project, without discrimination as to race, color, creed, sex, sexual orientation, marital status, national origin, ancestry, age, or religion except when sex is a bona fide occupational qualification. A resident of the State of Colorado is a person who can provide Colorado driver's license, a valid Colorado state issued photo identification, or documentation that he or she has resided in Colorado for the last 30 days. This Section is not applicable to any Project that receives Federal funds. Enforcement for violation of this Section is pursuant to rules and regulations to be promulgated by the Colorado Department of Labor pursuant to §§ 8-17-104, 8-17-105 and 8-17-106, C.R.S.

22. **Conflict of Interest.** The Contractor agrees that no official, officer or employee of the County shall have any personal or beneficial interest whatsoever in the services or property described herein, and the Contractor further agrees not to hire, pay, or contract for services of any official, officer or employee of the County. A conflict of interest shall include transactions, activities or conduct that would affect the judgment, actions or work of the Contractor by placing the Contractor's own interests, or the interest of any party with whom the Contractor has a contractual arrangement, in conflict with those of County.

## STANDARD TITLE VI NON-DISCRIMINATION: APPENDIX A

(Updated October, 2020)

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 United States, 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 shall not participate either directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the Contract covers any activity, Project, or a program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontractors, 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 shall 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 County, the Colorado Department of Transportation or U.S. government 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 this information, the Contractor will so certify to the County, the Colorado Department of Transportation or U.S. government, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of the Contractor's noncompliance with the Non-discrimination provisions of this Contract, the County will impose such contract sanctions as it, the Colorado Department of Transportation or U.S. government 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 suspending a Contract, in whole or in part.
6. **Incorporation of Provisions:** The Contractor will include the provisions of paragraphs (1) through (6) 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 County, the Colorado Department of Transportation or U.S. government may direct as a means of enforcing such provisions including sanctions for non-compliance. Provided, that, if the Contractor becomes involved in, or is threatened with litigation with a subcontractor, or supplier because of such direction, the Contractor may request the County to enter into any litigation to protect the interests of the County. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

## STANDARD TITLE VI NON-DISCRIMINATION: 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).



**BOARD OF COUNTY COMMISSIONERS  
OF THE COUNTY OF DOUGLAS**

**APPROVED AS TO CONTENT:**

\_\_\_\_\_  
GEORGE TEAL Date  
Chair

\_\_\_\_\_  
DOUGLAS J. DEBORD Date  
County Manager

**ATTEST**

\_\_\_\_\_  
Deputy Clerk Date

**APPROVED BY DOUGLAS COUNTY DEPARTMENT OF PUBLIC WORKS:**

DocuSigned by:  
*Janet Herman* 2/18/2026  
\_\_\_\_\_  
JANET HERMAN, P.E. Date  
Director of Public Works

**APPROVED AS TO FISCAL CONTENT:**

**APPROVED AS TO LEGAL FORM:**

\_\_\_\_\_  
CHRISTIE GUTHRIE Date  
Director of Finance

\_\_\_\_\_  
CHRIS PRATT Date  
Managing County Attorney  
Sr. Asst.

**PAYMENT BOND**

**KNOW ALL MEN BY THESE PRESENTS**, that we, the undersigned \_\_\_\_\_, a corporation organized under the laws of the State of \_\_\_\_\_, hereinafter referred to as the "Contractor", and \_\_\_\_\_, a corporation organized under the laws of the State of \_\_\_\_\_, and authorized to transact business in the State of Colorado, hereinafter referred to as the "Surety", are held and firmly bound unto the COUNTY OF DOUGLAS, a political subdivision of the State of Colorado, hereinafter referred to as the "COUNTY", in the penal sum of **Thirteen Million, Two Hundred Eighteen Thousand and 00/100 Dollars (\$13,218,000.00)**, lawful money of the United States of America, for the payment of which sum the Contractor and Surety bind themselves and their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

**WHEREAS**, the above Contractor has on the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, entered into a written contract with the County for furnishing all labor, materials, tools, superintendence, and other facilities and accessories for the construction of **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**, in accordance with all Contract Documents therefore which are incorporated herein by reference and made a part hereof, and are herein referred to as the Contract.

**NOW, THEREFORE**, the condition of this payment bond obligation is such that if the Contractor shall at all times promptly make payments of all amounts lawfully due to all persons supplying or furnishing it or its subcontractors with labor and materials, rental machinery, tools, or equipment, used or performed in the prosecution of work provided for in the above Contract and shall indemnify and save harmless the County to the extent of any and all payments in connection with the carrying out of such Contract which the County may be required to make under the law, then this obligation shall be null and void, otherwise, it shall remain in full force and effect;

**PROVIDED FURTHER**, that the said Surety, for value received, hereby stipulates and agrees that any and all changes in the Contract, or compliance or noncompliance with the formalities in the Contract for making such changes shall not affect the Surety's obligations under this bond and the Surety hereby waives notice of any such changes.

**IN WITNESS WHEREOF**, said Contractor and said Surety have executed these presents as of this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
(Contractor)

BY: \_\_\_\_\_  
(President)

\_\_\_\_\_  
(Surety Company)

BY: \_\_\_\_\_  
(Attorney-in-Fact)

(Accompany this bond with Attorney-in-Fact's authority from the Surety to execute bond, certified to include the date of the bond.

**PERFORMANCE BOND**

**KNOW ALL MEN BY THESE PRESENTS**, that we, the undersigned \_\_\_\_\_, a corporation organized under the laws of the State of Colorado, hereinafter referred to as the "Contractor", and \_\_\_\_\_, a corporation organized under the laws of the State of \_\_\_\_\_, and authorized to transact business in the State of Colorado, hereinafter referred to as the "Surety", are held and firmly bound unto the COUNTY OF DOUGLAS, a political subdivision of the State of Colorado, hereinafter referred to as the "COUNTY", in the penal sum of **Thirteen Million, Two Hundred Eighteen Thousand and 00/100 Dollars (\$13,218,000.00)**, lawful money of the United States of America, for the payment of which sum the Contractor and Surety bind themselves and their heirs, executors, administrators, successors and assigns, jointly and severally by these presents.

**WHEREAS**, the above Contractor has on the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, entered into a written contract with the County for furnishing all labor, materials, equipment, tools, superintendence, and other facilities and accessories for the construction of **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**, in accordance with all Contract Documents therefore which are incorporated herein by reference and made a part hereof, and are herein referred to as the Contract.

**NOW, THEREFORE**, the condition of this performance bond is such that if the Contractor:

1. Promptly and faithfully observes, abides by and performs each and every covenant, condition and part of said Contract, including, but not limited to, its warranty provisions, in the time and manner prescribed in the Contract, and
2. Pays the County all losses, damages (liquidated or actual, including, but not limited to, damages caused by delays in the performance of the Contract), expenses, costs and attorneys' fees that the County sustains resulting from any breach or default by the Contractor under the Contract, then this bond is void; otherwise, it shall remain in full force and effect.

**IN ADDITION**, if said Contractor fails to duly pay for any labor, materials, team hire, sustenance, provisions, provender, or any other supplies used or consumed by said Contractor or its subcontractors in its performance of the work contracted to be done or fails to pay any person who supplies rental machinery, tools, or equipment, all amounts due as the result of the use of such machinery, tools, or equipment in the prosecution of the work, the Surety shall pay the same in an amount not exceeding the amount of this obligation, together with interest as provided by law.

**PROVIDED FURTHER**, that the said Surety, for value received, hereby stipulates and agrees that any and all changes in the Contract or compliance or noncompliance with the formalities in the Contract for making such changes shall not affect the Surety's obligations under this bond and the Surety hereby waives notice of any such changes.

**IN WITNESS WHEREOF**, said Contractor and said Surety have executed these presents as of this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

**PERFORMANCE BOND**  
**(CONTINUED)**

\_\_\_\_\_  
(Contractor)

BY: \_\_\_\_\_  
(President)

\_\_\_\_\_  
(Surety Company)

BY: \_\_\_\_\_  
(Attorney-in-Fact)

(Accompany this bond with Attorney-in-Fact's authority from the Surety to execute bond, certified to include the date of the bond.)

**WARRANTY**

TO: Douglas County, Colorado

FOR: **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

The undersigned warrants the construction and installation of the above improvements in accordance with and as contemplated by the Project Plans and Specifications. Should any of the materials prove defective or should the work as a whole prove defective, due to faulty workmanship, material furnished or methods of installation, or should the work or any part thereof fail to operate properly as originally intended and in accordance with the Plans and Specifications, due to any of the above causes, all within twelve months after the date on which the Project is finally accepted by the County, the undersigned agrees to reimburse the County, upon demand, for its expenses incurred in restoring said work to the condition contemplated in said Project, including the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or, upon demand by the County, to replace any such material and to repair said work completely without cost to the County so that said work will function successfully as originally contemplated.

The County shall have the unqualified option to make any needed replacements or repairs itself or to have such replacements or repairs done by the undersigned. In the event the County elects to have said work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within a reasonable time after the receipt of demand from the County. If the undersigned shall fail or refuse to comply with his obligations under this warranty, the County shall be entitled to all costs and expenses, including attorneys' fees, reasonably incurred by reasons of the said failure or refusal.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2026

CONTRACTOR: \_\_\_\_\_

SIGNED: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

**NOTICE OF INTENT TO AWARD  
FOR THIS COMPLETION DATE CONTRACT**

**TO: HAMON INFRASTRUCTURE, INC.**

**PROJECT: PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

The County has considered the Bid submitted by you for the above-described work in response to its Bid Opening and Reading of Bids dated **JANUARY 27, 2026.**

You are hereby notified that your Bid has been conditionally accepted in the amount of **\$13,218,000.00**, subject to approval by the Board of County Commissioners.

You are required by the Notice to Bidders to sign the Contract and furnish the required Contractor's Payment Bond, Performance Bond, Certificates of Insurance, Warranty and all other formal Contract Documents within **ten (10) calendar days from the date of this Notice of Intent to Award.**

If you fail to sign said Contract and to furnish said Bonds, Certificates of Insurance, Warranty and all other formal Contract Documents within **ten (10) days from the date of this Notice,** said County may consider your Bid as abandoned, and as a forfeiture of your Bid Bonds. The County will be entitled to such other rights as may be granted by law.

**You are required to return an acknowledged copy of this Notice of Intent to Award to the County within three (3) days from the date of receipt of this Notice.**

Dated 2/18/2026

County: Douglas County

By:

DocuSigned by:  
*Janet Herman*

JANET HERMAN, P.E.

Title: Director of Public Works

**ACKNOWLEDGMENT: Receipt of the foregoing Notice of Intent to Award is hereby acknowledged. You are required to acknowledge and return this Notice of Intent to Award within three (3) days of receipt of this Notice:**

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

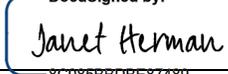
Date: \_\_\_\_\_

Telephone: \_\_\_\_\_

**NOTICE TO PROCEED  
FOR THIS COMPLETION DATE CONTRACT**

TO: **HAMON INFRASTRUCTURE, INC.**  
FROM: **DOUGLAS COUNTY GOVERNMENT**  
DATE: **MARCH 10, 2026**  
REGARDING: **PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 AND PINE DRIVE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

You are hereby notified that work associated with this Completion Date Contract will commence on **APRIL 6, 2026**. On that date, you are to start performing your obligations under the Contract between you and Douglas County, Colorado, dated \_\_\_\_\_. The Contract Time of **480 calendar days** will be used to establish the Completion Date. Therefore, the work shall be completed and ready for final acceptance by the Completion Date, which shall be **JULY 27, 2027**. **You are required to return an acknowledged copy of this Notice to the County within three (3) days of receipt of this Notice.**

County: Board of County Commissioners of Douglas County  
By:   
Title: JANE T HERMAN, P.E.  
Date: 2/18/2026

**ACCEPTANCE OF NOTICE**

Receipt of the above Notice to Proceed is hereby acknowledged.

Contractor: \_\_\_\_\_  
By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_  
Telephone: \_\_\_\_\_

## COUNTY'S PAYMENT POLICIES

The following policies have been formulated to assure timely and accurate payments by Douglas County Government to its Contractors. Invoices submitted which are not in complete accordance with these policies will be returned (mailed) without payment to the Contractor for completion.

1. Each invoice for progress payment and/or final payment must list the description and location of the work being performed. Contractor's invoice for materials being billed must also be attached.
2. All invoices are to be submitted to Douglas County Department of Public Works, Engineering Division, Philip S. Miller Building, 100 Third Street, Suite 220, Castle Rock, CO 80104, and Attention: **Brolin Bundy P.E., Project Engineer.**
3. Invoices must be submitted by the last day of the month to be paid net 30 days. Under no circumstances will a Contractor be paid more than once a month. Errors will be corrected on the next pay cycle.
4. Checks will be mailed monthly. When payment dates occur on Saturday, Sunday or a County holiday, payment will be made on the first working day following such date.

## ACKNOWLEDGMENT

I have read the above procedures and understand that any deviation therefrom will cause delays in the payment of those invoices involved.

Contractor: \_\_\_\_\_

Signed by: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**STANDARD SPECIAL PROVISIONS  
FOR DOUGLAS COUNTY  
CONSTRUCTION PROJECTS**

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS  
CI 2017-019 & CI 2020-020 AND  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS  
SP 2018-005 & CI 2020-019**

**December 2025**

**PINE LANE IMPROVEMENTS, DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019  
& CI 2020-020 AND PINE DRIVE IMPROVEMENTS DOUGLAS COUNTY PROJECT  
NUMBERS SP 2018-005 & CI 2020-019**

**TABLE OF CONTENTS**

---



---

<b><u>DOUGLAS COUNTY STANDARD SPECIAL PROVISIONS:</u></b>	<b><u>Page</u></b>
Revision of Section 101 – Definitions and Terms.....(December 6, 2022) .....	SSP-3
Revision of Section 102—Bidding Requirements.....(November 22, 2021) ....	SSP-5
Revision of Section 103 – Award and Execution of Contract.....(November 22, 2021) .....	SSP-6
Revision of Section 104 – Scope of Work.....(November 22, 2021) ....	SSP-8
Revision of Section 105 – Control of Work .....(November 22, 2021) .....	SSP-12
Revision of Section 106 – Control of Material..... .( November 22, 2021).....	SSP-21
Revision of Section 107 – Legal Relations and Responsibility to Public .....(November 22, 2021).....	SSP-22
Revision of Section 108 – Prosecution and Progress.....(November 22, 2021) .....	SSP-27
Revision of Section 109 – Measurement and Payment .....(November 22, 2021) .....	SSP-30

**REVISION OF SECTION 101  
DEFINITIONS AND TERMS**

**Section 101 of the Standard Specifications is hereby revised as follows:**

Wherever in the Standard Specifications, Standard Plans, Plans or Special Provisions the following definitions and terms are used; the intent and meaning shall be interpreted as follows:

- (a) **ADDENDUM or ADDENDA** - Any change(s), revisions(s) or clarification(s) of the Contract Plans or Special Provisions which have been duly issued by Douglas County to prospective Bidders prior to the time of receiving bids.
- (b) **CHIEF ENGINEER** - The County Representative of Douglas County, Colorado, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties delegated to them.
- (c) **COUNTY** – Douglas County, Colorado; Douglas County Government; Douglas County Board of County Commissioners (BOCC).
- (d) **DEPARTMENT** - Department of Public Works, Engineering Division, Douglas County, Colorado.
- (e) **COLORADO DEPARTMENT of TRANSPORTATION (CDOT), RESIDENT ENGINEER, DISTRICT ENGINEER, ENGINEER, PROJECT ENGINEER or REGION TRANSPORTATION DIRECTOR** -- County Project Engineer or the equivalent authorized County Representative(s) of Douglas County Colorado, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties delegated to them.
- (f) **EROSION CONTROL SUPERVISOR** – The Grading, Erosion and Sediment Control Manager as identified in Douglas County’s Grading, Erosion and Sediment Control Manual (GESC Manual), hereinafter referred to as the Contractor’s Erosion Control Supervisor (ECS).
- (g) **GRADING, EROSION AND SEDIMENT CONTROL (GESC) PLAN /STORMWATER MANAGEMENT PLAN (SWMP)** – The GESC Plan/SWMP comprises those contract documents designed in accordance with the Douglas County GESC Manual and the Colorado Department of Public Health and Environment (CDPHE) General Permit requirements and contain the requirements to implement effective erosion and sediment control Best Management Practices (BMPs) as a standard for all land disturbance activities to reduce increases in erosion and sedimentation over pre-construction conditions.
- (h) **HOLIDAYS**. Holidays recognized by Douglas County are:
  - New Year’s Day
  - Dr. Martin Luther King, Jr. Birthday (observed)
  - President’s Day
  - Memorial Day
  - Juneteenth
  - Independence Day
  - Labor Day
  - Veteran’s Day
  - Thanksgiving Day
  - Friday after Thanksgiving Day
  - Christmas Day

**REVISION OF SECTION 101  
DEFINITIONS AND TERMS**

- Continued -

When one of these holidays fall on a Sunday, the following Monday shall be considered a holiday. When one of these holidays fall on a Saturday, the preceding Friday shall be considered a holiday.

- (i) **NOTICE OF INTENT TO AWARD** – Notification given by the County Representative to the successful bidder of the County Staff's intent to recommend award of the Project to the successful bidder.
- (j) **PROJECT** – The specific location of work as described within the contract documents, on which construction is to be performed.
- (k) **STATE, STATE OF COLORADO or COLORADO DEPARTMENT OF TRANSPORTATION (CDOT)** - Douglas County, Colorado.
- (l) **WRITTEN NOTICE** – Written Notice shall be defined as all communication given by either party to the Contract through the following means:
  - 1. Delivered to the office of the Contractor, the office being located at the physical address stated by the Contractor on the signature page of the Contract (or at such other office as the Contractor may, from time to time, designate in writing).
  - 2. Delivered to the County at the physical address of: Douglas County Department of Public Works, Engineering Division located in the Philip S. Miller Building, Second Floor, 100 Third Street, Suite 220, Castle Rock, CO 80104.
  - 3. Written communication deposited and delivered through the United States Postal Service in a sealed, postage-prepaid envelope to such address as directed within the Contract.
  - 4. Delivery by facsimile (fax) to the facsimile address (telephone number) directed within the Contract.
  - 5. Delivery through electronic mail (e-mail) to the e-mail address directed within the Contract.

***Standard Special Provisions***

***November 22, 2021***

---

**REVISION OF SECTION 102  
BIDDING REQUIREMENTS AND CONDITIONS**

**Section 102 of the Standard Specifications is hereby revised as follows:**

**102.02 CONTENTS OF PROPOSAL FORMS**

**Subsection 102.02 is hereby replaced with the following:**

The Contractor's bid shall be submitted as described in the Notice to Bidders for the Project.

**REVISION OF SECTION 103  
AWARD AND EXECUTION OF CONTRACT**

**Section 103 of the Standard Specifications is hereby revised as follows:**

**103.01            CONSIDERATION OF PROPOSALS**

**Delete Subsection 103.01 in its entirety and replace with the following:**

After the proposals (bids) are opened and read, they will be evaluated, and the Contract awarded or rejected in accordance with the "Rules" referenced in Subsection 102.01.

**103.02            AWARD OF CONTRACT**

**Delete Subsection 103.02 in its entirety and replace with the following:**

The Contract, if awarded, shall be executed within **ninety (90) calendar days** after the opening of Bid Proposals unless both the successful bidder and the County agree in writing to allow additional time. The Contract will be awarded to the lowest responsive, responsible bidder who will serve the best interests of the County; and the County reserves the right to make this determination. **The County, however, reserves the right to reject any and all bids, to waive informality or technicality in any bid, and to disregard all non-conforming, non-responsive conditional or alternate bids whenever such rejection or waiver is in the County's best interest.**

The successful bidder will be notified at the earliest possible date, by telephone, fax or letter mailed to the address shown on their Proposal that their bid has been reviewed and Douglas County Engineering will be recommending to the Board of County Commissioners award of the Contract to that bidder.

In determining whether the low bid is from a "responsive and responsible bidder," the following criteria will be considered:

- (a) Whether the Bidder has received CDOT prequalification status (active status) for bidding on contracts of a similar size and type;
- (b) The Bidder's financial responsibility and financial capability to complete the work;
- (c) The Bidder's previous performance (both satisfactory and unsatisfactory) on completing prior Douglas County contracts, including performance of any required warranty repair work;
- (d) The Bidder's quality of work previously performed for developers, CDOT and other governmental agencies.

*Standard Special Provisions*

*November 22, 2021*

**REVISION OF SECTION 103  
AWARD AND EXECUTION OF CONTRACT  
-Continued-**

**103.04 EXECUTION AND APPROVAL OF CONTRACT**

**Delete Subsection 103.04 in its entirety and replace with the following:**

The Contract shall be signed by the successful bidder and returned with acceptable contract Payment and Performance Bonds, Certificate of Insurance, Warranty, and all other formal contract documents within **ten (10) days after the date of Notice of Intent to Award. If the Contract is not executed by Douglas County within sixty (60) days** from the date of receipt of this Contract, Payment and Performance Bonds, Certificate of Insurance, Warranty and other formal contract documents, the Bidder shall have the right to withdraw the Bid Proposal without penalty.

**REVISION OF SECTION 104  
SCOPE OF WORK**

**Section 104 of the Standard Specifications is hereby revised as follows:**

**104.01 INTENT OF CONTRACT**

**Subsection 104.01 is hereby revised to include the following:**

All communications between the Contractor and the County shall conform to the following: All notices, demands, requests, instructions, approvals, proposals, and claims must be in the form of Written Notice as defined in Section 101. **The County will not recognize “Constructive Notice” in lieu of Written Notice.**

**Add the following new Subsection 104.015:**

**104.015 Notice of Disputes.** All disputes arising under this Contract or its interpretation, whether involving law, fact, or both, or extra work within **seven (7) calendar days** of commencement of the disputes, be presented by the Contractor to the Engineer in writing for decision. All papers pertaining to disputes shall be filed in duplicate. Such notice need not detail the dollar amount of the dispute but shall state the facts surrounding the dispute in sufficient detail to identify the dispute together with its character and scope. In the meantime, the Contractor shall proceed with the work as directed. Any dispute not presented within the time limit specified within this paragraph shall be deemed to have been waived, except that if the dispute is of a continuing character, the dispute will be considered only for a period commencing **seven (7) calendar days** prior to the receipt by Douglas County of written notice thereof. **Constructive Notice will not be recognized.**

**104.02 DIFFERING SITE CONDITIONS, SUSPENSIONS OF WORK, AND SIGNIFICANT CHANGES IN THE CHARACTER OF WORK**

**Subsection 104.02(a) is hereby revised to include the following:**

Claims for additional compensation for extra work due to alleged errors in ground elevations, contour lines or bench marks will not be recognized unless accompanied by certified survey data made prior to the time the original ground was disturbed, and clearly showing that errors existed which resulted or would result in handling more material or performing more work than would be reasonably estimated from the plans issued by Douglas County. Any discrepancies, which may be discovered between actual conditions and those represented by the plans, shall at once, but no later than within twelve hours of discovery, be reported by the Contractor to the Engineer; and work shall not proceed, except at the Contractor's risk or unless the Engineer has directed in writing the Contractor to continue working.

**Delete Subsection 104.02(c) in its entirety and replace with the following:**

*(c) Significant Changes in the Character of the Work.* The Engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the Project. Such changes in quantities and alterations shall

**REVISION OF SECTION 104  
SCOPE OF WORK**

- Continued -

not invalidate the Contract nor release the surety, and the Contractor agrees to perform the work as altered.

Unless such alterations and increases or decreases materially change the character of the work to be performed or the cost thereof, the altered work shall be paid for at the same unit prices as other parts of the work. If, however, the character of the work or the unit cost thereof is materially changed, an allowance shall be made on such basis as may have been agreed to in advance of the performance of the work. In case no such basis has been previously agreed upon, then an allowance shall be made, either for or against the Contractor, in an amount as the Engineer may determine to be fair and equitable. Material change of the character of the work to be performed or the cost thereof as used herein means an increase or decrease in quantities over or under the plan quantities amounting to an aggregate increase or decrease to the **original Total Contract Amount of twenty-five percent (25%)** or more.

The Unit Price for each of the listed items in the Bid Proposal shall include its prorated share of overhead, so that the sum of the products obtained by multiplying the quantity shown for each item by the unit price bid represents the total Bid. The special attention of all bidders is called to this provision, for should conditions make it necessary to revise the quantities, no limit will be fixed for such increased or decreased quantities.

No adjustment to unit prices will be allowed, provided the net monetary value of all such additive and subtractive changes in quantities of such items of work (i.e., difference in cost) does not increase or decrease the **original Total Contract Amount by more than twenty-five percent (25%)**.

The County may make changes in the scope of the work required to be performed by the Contractor under this Contract by making additions thereto, or by omitting work therefrom, without invalidating the Contract, and without relieving or releasing the Contractor from any obligations under the Contract or any guarantee given by the Contractor pursuant to the Contract provisions, and without affecting the validity of the bonds, provided that the total net amount of the changes does not change the **original Total Contract Amount by more than twenty-five percent (25%)**. All such work shall be executed under the terms of the original Contract unless it is expressly provided otherwise in writing.

If applicable unit prices are contained in the Contract (established as a result of a unit price bid), the County may order the Contractor to proceed with desired changes in the work, the value of such changes to be determined by the measured quantities involved and the applicable unit prices specified in the Contract.

If applicable unit prices are not contained in the Contract, or if the total net change increases or decreases the **original Total Contract Amount more than twenty-five percent (25%)**, the County shall, before ordering the Contractor to proceed with desired changes, request an itemized proposal from the Contractor covering the work involved in the change, after which the procedure shall be as follows:

**REVISION OF SECTION 104  
SCOPE OF WORK**

- Continued -

If the proposal is acceptable, the County will prepare a change order in accordance therewith for acceptance by the Contractor. Each change order shall include in its final form:

1. A detailed description of the change in the work,
2. The Contractor's proposal (if any) or a confirmed copy thereof,
3. A definite statement as to the resulting change in the Contract Price and/or Time,
4. The statement that all work involved in the change shall be performed in accordance with Contract Requirements except as modified by the change order.

**104.04 MAINTAINING TRAFFIC**

**Subsection 104.04 is hereby revised to include the following:**

Before proceeding with construction, the Contractor will submit to the County/Engineer a detailed proposal in writing of his method of handling traffic during construction for review and approval. The County/Engineer shall require no more than **ten (10) calendar days** to review and approve the Contractor's submittal; and the Contractor shall take this into consideration when planning his schedule for these submittals. It is the Contractor's responsibility to adequately plan the submittal of all necessary Traffic Control Plans (TCP) in order for approval to be granted at least **three (3) calendar days** prior to construction or at least **three (3) calendar days** prior to a change in condition.

During the course of construction, the Contractor shall provide a detailed TCP, which shows how the Contractor will handle traffic for the various phase(s) of the scheduled construction work. Details in the TCP will include, but not be limited to, hours of work in compliance with the Project Special Provisions (PSPs), placement of signs and barricades, use of traffic control devices such as cones, barriers, and barricades, stationing of flagging personnel, access control, temporary striping, maintenance of detours, dust abatement, and length of lane closure tapers.

The Contractor will not be permitted to have construction equipment or materials in the lanes open to traffic at any time unless so directed in writing by the Engineer. The Contractor shall remove and reset all construction signs prior to the commencement of any adjacent construction. If the Engineer determines that construction signs, channelizing devices or materials being used are damaged, worn, faded, or are incapable of conveying the intended message or serving the intended purpose, the Contractor shall replace or repair such signs, devices or materials as directed by the Engineer. The cost of any repair or replacement shall be included in the work. The Contractor is cautioned that parking of all vehicles and construction equipment parking is prohibited when it or its location conflicts with safety access or the flow of traffic.

The Contractor will be required to notify the County **three (3) calendar days** prior to the date the Contractor intends to start construction.

**REVISION OF SECTION 104**  
**SCOPE OF WORK**  
**- Continued -**

During the various phase(s) of construction of this Project, traffic will need to use the current existing traveled roadways, unless noted otherwise in the plans or contract documents. Temporary detours shall be submitted to the Engineer for review and approval.

Measurement or payment will not be made for the costs associated with temporary detours unless specified otherwise in the plans or PSPs. If the Contractor determines that additional temporary detours across private property are advantageous, then the Contractor is responsible for all costs associated with constructing and maintaining the detours and any additional costs to obtain the additional easements. The Contractor shall provide written proof of permission from private property owner(s) and insurance and indemnification for the County to the Engineer prior to scheduling work to commence on said private property.

The Contractor shall be responsible for furnishing and maintaining all traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD). The Contractor shall be responsible for providing and maintaining all temporary pavement markings in accordance with the MUTCD, until the final striping is completed, and the Project is accepted by the County.

The Traffic Control Supervisor (TCS) and all flagging personnel shall be certified by the Colorado Department of Transportation before working on this Project and shall maintain such certification throughout the Project duration.

The Contractor shall not place emulsion or tack coat on any surface where traffic will be required to travel upon the fresh emulsion or tack coat.

The Contractor shall inspect, maintain and keep all traffic control devices clean throughout the Project duration, including during periods when **other work required for** the Project has been suspended due to inclement weather, unless otherwise approved in writing by the Engineer.

**REVISION OF SECTION 105  
CONTROL OF WORK**

**Section 105 of the Standard Specifications is hereby revised as follows:**

Incentive Payments will not be paid on Douglas County projects unless otherwise specified in the contract.

**105.05 CONFORMITY TO THE CONTRACT OF HOT MIX ASPHALT**

**Subsection 105.05 is hereby revised to include the following:**

No Incentive Payment shall be made for this project.

**105.06 CONFORMITY TO THE CONTRACT OF PORTLAND CEMENT  
CONCRETE PAVEMENT**

**Subsection 105.06 is hereby revised to include the following:**

No Incentive Payment shall be made for this project.

**105.07 CONFORMITY TO ROADWAY SMOOTHNESS CRITERIA**

**Subsection 105.07 is hereby revised to include the following:**

No Incentive Payment shall be made for this project.

**105.09 COORDINATION OF PLANS, SPECIFICATIONS, SUPPLEMENTAL  
SPECIFICATIONS AND SPECIAL PROVISIONS**

**Delete Subsection 105.09 in its entirety and replace with the following:**

Any work shown on the Plans and not covered in the special provisions or included in the special provisions and not shown on the Plans, shall be executed by the Contractor as though shown both on the Plans and included in the special provisions. The Plans, Special Provisions, Standard Specifications, Standard Plans, and all supplementary documents are intended to be complete and complementary. If any omissions are made which are necessary to carry out the full intent and meaning of the Contract, the Contractor shall supply such omissions, at no additional cost to the County, as though they have been fully set forth in the plans, special provisions, or the Contract.

All work to be performed under this Contract shall be governed by said plans and special provisions, including all Addenda thereto, unless modified by any technical specifications, which are included in the Contract Documents.

**REVISION OF SECTION 105  
CONTROL OF WORK  
- Continued -**

**In case of discrepancy, the order of precedence is as follows:**

- (a) Change Orders
- (b) Agreement
- (c) Addenda
- (d) Notice to Bidders
- (e) Special Provisions
  - 1. Project Special Provisions
  - 2. Standard Special Provisions
  - 3. CDOT Standard Special Provisions, if applicable, as indicated in the Bid
  - 4. CDOT Standard Specifications for Road and Bridge Construction, Dated **2022**
- (f) Plans
  - 1. Detailed Plans
  - 2. CDOT Standard Plans - M&S Standards, as current at the time of Bid
- (g) Douglas County Roadway Design and Construction Standards, as current at time of Bid
- (h) Douglas County Grading, Erosion and Sediment Control Manual (GESC Manual), as current at time of Bid
- (i) CDOT Supplemental Specifications
- (j) CDOT Construction Manual, as current at time of Bid
- (k) CDOT Field Materials Manual, as current at time of Bid

**105.10 COOPERATION BY CONTRACTOR**

**Delete Subsection 105.10 in its entirety and replace with the following:**

The Contractor for the work required will be supplied, without charge, two (2) complete sets of the Contract Documents (plans and specifications) that are stamped "For Construction." At least one set of the Contract Documents shall be available at the Project site at all times. (Douglas County's Roadway Design and Construction Standards are available on the Douglas County website or at the County Engineer's office.)

It shall be the responsibility of the Contractor to make timely requests of the County for any additional information (RFI) not already in his possession which the Contractor believes should be furnished by the County under the terms of this Contract, and which will be required in the planning and execution of the work. Such requests shall be submitted in writing as the need is identified, but each request shall be filed in ample time to permit appropriate action to be taken by all parties involved, so as to avoid delay. The Contractor shall, if requested, promptly furnish any assistance and information the County Project Engineer may be required to respond to these requests by the contractor. The Contractor shall be fully responsible for any delay in his work or delay to others arising from his failure to comply fully with the provision(s) of this paragraph.

**REVISION OF SECTION 105  
CONTROL OF WORK  
- Continued -**

The Contractor shall give the work the constant attention necessary to facilitate progress and shall cooperate with the Engineer, inspectors, and other contractors.

The Contractor shall have on the project, at all times that work is being performed, a competent superintendent capable of reading and understanding the contract documents and experienced in the type of work being performed. The superintendent will receive instructions from the Engineer and shall be authorized to act for the Contractor on the project and to execute orders or directions of the Engineer without delay. The superintendent shall promptly supply, irrespective of the amount of work sublet, materials, equipment, tools, labor, and incidentals to complete the Contract.

**105.16 INSPECTION AND TESTING OF WORK**

**Subsection 105.16 is hereby revised to include the following:**

Approval of any material shall be general only and shall not constitute a waiver of the County's right to demand full compliance with Contract requirements. After actual deliveries, the Engineer may have quality assurance tests made as he deems necessary and may reject materials, equipment, and accessories for cause, even though such materials and articles have been given general approval. If materials, equipment or accessories fail to meet quality assurance tests, the Engineer will have the right to cause their removal and replacement by proper materials, equipment or accessories, or to demand and secure such reparation by the Contractor as is equitable.

Except as otherwise specifically stated in the Contract, costs of testing will be divided as follows:

- (a) The Contractor shall assume all costs of re-testing materials which fail to meet Contract requirements;
- (b) The Contractor shall assume all costs of testing materials offered in substitution for those found deficient;
- (c) The Contractor shall furnish, without extra cost, all samples required for testing purposes;
- (d) The Contractor shall pay for materials testing necessary to test materials for conformity to the specifications prior to construction. This includes, but is not limited to, aggregate materials and gradation, emulsified oils, hot bituminous mix and concrete mix.

The Contractor shall notify the Engineer sufficiently in advance of backfilling or concealing any facilities to permit proper time for inspection and testing. If any facilities are concealed without approval or consent of the Engineer, the Contractor shall uncover those facilities for inspection and recover all such facilities at the Contractor's sole expense, when so requested and deemed necessary by the Engineer.

Materials and appurtenances to be incorporated in the work are subject to inspection at the place of production, manufacture or shipment. Such inspections and acceptance shall, unless otherwise stated in the Standard Specifications or these special provisions, be final, except as regards (1) latent defects, (2) departures from specific requirements of the Contract, (3) damage or loss in transit, or (4) fraud or such gross mistakes as amount to fraud. Notwithstanding the requirements contained in the preceding sentence, inspection of materials, as a whole or in part, will be made at the Project site.

**REVISION OF SECTION 105  
CONTROL OF WORK**

- Continued -

**105.21 ACCEPTANCE**

**Delete Subsection 105.21(a) in its entirety and replace with the following:**

- (a) ***Partial Acceptance.* There will be no partial acceptance of any unit or portion of the Project, unless authorized in writing by the Engineer.**

**105.22 DISPUTE RESOLUTION**

**Delete Subsection 105.22 in its entirety and replace with the following:**

Subsections 105.22, 105.23 and 105.24, as revised, detail the process through which the parties (Douglas County and the Contractor) agree to resolve any issues that may result in a dispute. The intent of the process is to resolve issues early, efficiently and as close to the project level as possible. Specified time frames may be extended by mutual agreement of the Project Engineer and the Contractor, as agreed to and stipulated in writing.

A dispute is a disagreement concerning contract price, time and interpretation of the Contract, or any combination of the three between the parties at the project level regarding or relating to the Contract. Disputes include, but are not limited to, any disagreement resulting from a delay, a change order, another written order or an oral order from the Project Engineer, including any direction, instruction, interpretation or determination by the Project Engineer, interpretation of the Contract provisions, plans, specifications or the existence of alleged differing site conditions.

When an issue arises on the Project that cannot be resolved between the parties, either party may consider it a dispute and initiate the dispute resolution process as described in Revision of Subsection 105.22 by written notice, in conformity with supplemental Standard Special Provision 104.015, to the other party.

Disputes originating from subcontractors, material suppliers, or any other entity not a party to the Contract seeking relief from the County, shall be submitted through the Contractor. Review of such a pass-through dispute does not create privity of Contract between the County and the subcontractor.

An audit may be performed for any dispute or claim. All audits will be completed within 90 days of the request for an audit, provided the Contractor allows reasonable and timely access to books and records requested by an auditor.

If the Project Engineer does not respond within the specified timelines, the Contractor may advance the dispute to the next level.

**REVISION OF SECTION 105  
CONTROL OF WORK**

- Continued -

The dispute resolution process set forth in this Subsection shall be exhausted in its entirety prior to initiation of the Administrative Hearing Process defined in Subsection 105.23, as revised. Failure to comply with the requirements set forth in this Subsection shall bar the Contractor from any further administrative, equitable or legal remedy. If a deadline is missed that does not prejudice either party, further relief shall be allowed.

All disputes and any potential claims shall be submitted within thirty (30) days of the date of the certified letter submitting the Final Application for Payment to the Contractor. Notwithstanding the preceding paragraph, failure to submit a dispute or claim within this time period shall constitute prejudice to the County and releases the County from all disputes and claims for which notice has not already been submitted in accordance with the Contract.

All disputes and claims seeking damages calculated on a Total Cost or Modified Total Cost basis will not be considered unless the party asserting such damages establishes all the legal requirements therefore.

- (a) *Document Retention.* The Contractor shall keep full and complete records of the costs and additional time incurred for each dispute for a period of at least three years after the date of final payment or until the dispute is resolved, whichever is more. The Contractor, subcontractors and lower tier subcontractors shall provide adequate facilities, acceptable to the Project Engineer, for an audit during normal business hours. The Contractor shall permit the Project Engineer or County auditor (and staff) to examine and copy those records and all other records required by the Project Engineer to determine the facts or contentions involved in the dispute. The Contractor shall identify and segregate any documents or information that the Contractor considers particularly sensitive, such as confidential or proprietary information.

Throughout the dispute, the Contractor and the Project Engineer shall keep complete daily records of extra costs and time incurred, in accordance with the following procedures:

1. Daily records shall identify each operation affected, the specific locations where work is affected, and the potential effect to the project's schedule. Such records shall also reflect all labor, material and equipment applicable to the affected operations.
2. On the first work day of each week following the date of the written notice of dispute, the Contractor shall provide the Project Engineer with the daily records for the preceding week. If the Contractor's records indicate costs greater than those kept by the County, the Project Engineer will meet with the Contractor and present his records to the Contractor at the meeting. The Contractor shall notify the Project Engineer in writing within three work days of any inaccuracies noted in, or disagreements with the County's records.

**REVISION OF SECTION 105  
CONTROL OF WORK**

- Continued -

- (b) *Initial Dispute Resolution Process.* To initiate the dispute resolution process, the Contractor shall provide a written notice of dispute to the other party upon the failure of the Parties to resolve the issue through negotiation. Disputes will not be considered unless the Contractor has first complied with specified issue resolution processes such as those specified in Subsections 104.015, 104.02, 106.05, 108.08(a), and 108.08(d).

The Contractor shall supplement the written notice of dispute within fifteen (15) days with a written Request for Equitable Adjustment (REA) providing the following:

1. The date of the dispute;
2. The nature of the circumstances which caused the dispute;
3. A statement explaining in detail the specific provisions of the Contract and any basis, legal or factual, which support the dispute;
4. If any, the estimated quantum, calculated in accordance with methods set forth in Subsection 105.24(b) 12, of the dispute with supporting documentation;
5. An analysis of the progress schedule showing the schedule change or disruption if the Contractor is asserting a schedule change or disruption. This analysis shall meet the requirements of subsection 108.08(d).

The Contractor shall submit as much information on estimated quantum and any impacts to the Contract time as is reasonably available with the REA, and then supplement the REA as additional information becomes available. If the dispute escalates beyond this initial process, the Contractor shall not raise any issue that was not contained in the REA in subsequent proceedings.

- (c) *Project Engineer Review.* Within fifteen (15) days after receipt of the REA, the Project Engineer will meet with the Contractor to discuss the merits of the dispute. Within seven (7) days after this meeting, the Project Engineer will issue a written decision on the merits of the dispute.

The Project Engineer will either deny the merits of the dispute or notify the Contractor that the dispute has merit. This determination will include a summary of the relevant facts, Contract provisions supporting the determination and an evaluation of all scheduling issues that may be involved.

If the dispute is determined to have merit, the Contractor and the Project Engineer will determine the adjustment in payment, schedule or both within thirty (30) days. When a satisfactory adjustment is determined, it shall be implemented in accordance with Subsections 106.05, 108.08, 109.04, 109.05 or 109.10 and the dispute is resolved, and no further action will be taken.

**REVISION OF SECTION 105  
CONTROL OF WORK**

- Continued -

If the dispute is determined not to have merit and the Contractor accepts the Project Engineer's denial of the merits of the dispute, the dispute is resolved, and no further action will be taken. If the Contractor does not respond in seven (7) days, it will be assumed he has accepted the denial. If the Contractor rejects the Project Engineer's denial of the merits of the dispute or a satisfactory adjustment of payment or schedule cannot be agreed upon within thirty (30) days, the Contractor may further pursue resolution of the dispute by providing written notice to the Authorized County Representative within seven (7) days, according to Subsection 105.22(d).

- (d) *Authorized County Representative Review.* Within seven (7) calendar days after receipt of the Contractor's written notice to the Authorized County Representative of unsatisfactory resolution of the dispute, the Project Engineer and Authorized County Representative will meet with the Contractor to discuss the dispute. Meetings shall continue weekly for a period of up to thirty (30) days and shall include a Contractor's representative with decision authority above the project level.

If these meetings result in resolution of the dispute, the resolution will be implemented in accordance with Subsections 108.08, 109.04, 109.05 or 109.10 and the dispute is resolved.

If these meetings do not result in resolution or the participants mutually agree that they have reached an impasse, the dispute shall be presented to the Dispute Review Board (DRB) in accordance with Subsection 105.23, as revised.

If the dispute escalates to the DRB process, the DRB shall not hear any issue or consider any information that was not contained in the Request for Equitable Adjustment and fully submitted to the Project Engineer during the process described in this Revision of Subsection 105.22.

**105.24 CLAIMS FOR UNRESOLVED DISPUTES**

**In Subsection 105.24, delete the first seven paragraphs, prior to Subsection (a), in their entirety and replace with the following:**

The Contractor may file a claim only if the dispute resolution process described in Subsections 105.22 and 105.23, as revised in these SSPs, has been exhausted. This Subsection applies to any unresolved dispute or set of disputes between the County and the Contractor with an aggregate of more than \$15,000. The venue for all unresolved disputes with an aggregate of \$15,000 or less shall be the County Court of Douglas County.

All claims of any nature whatsoever regarding the Contract, including, without limitation, Contractor claims for additional compensation or extensions of Contract Time, and claims involving claimed breach of or default under the Contract, shall be resolved by an Administrative Hearing. Such Administrative Hearing shall be conducted pursuant to the procedures set forth in this section.

**REVISION OF SECTION 105  
CONTROL OF WORK**

- Continued -

If either party raises a question concerning whether any issue or claim raised in such administrative proceeding is within the scope of the Contract's dispute or claim resolution provisions, including this Section, such question shall be decided by the Hearing Officer assigned to hear the matter.

The Contractor expressly agrees that the provisions of Subsection 105.24 and this Revision of Subsection 105.24 provide the only claim resolution mechanism for claims asserted by the Contractor, regardless of any claimed theory of entitlement by the Contractor or its subcontractors or suppliers.

**Delete Subsections 105.24 (c) thru (f) in their entirety and replace with the following:**

**(c) *Administrative Review and Court Proceedings.***

1. Any party who disputes any determination made pursuant to Subsection 105.23 and this Revision of Subsection 105.23, which determination adversely affects such Contractor, may petition the County Manager for a hearing concerning such determination no later than thirty (30) days after having been notified of any such determination. Compliance with the provisions of this Subsection shall be a jurisdictional prerequisite to any action brought under the provisions of this section and failure of compliance shall forever bar any such action.
2. The County Manager may hold such hearing himself or at his sole discretion may designate a consultant or employee of the Douglas County Engineering Division as a hearing officer with authority to hold such hearing or such hearings. The County Manager may also designate an independent hearing officer retained for that purpose by contract.
3. Such petition shall be in writing, and the facts and figures submitted shall be submitted under oath or affirmation either in writing or orally at a hearing scheduled by the County Manager or the hearing officer. The hearing, if any, shall take place in the County, and notice thereof and the proceedings shall otherwise be in accordance with rules and regulations issued by the County Manager. The petitioner shall bear the burden of proof, and the standard of proof shall conform with that in civil, nonjury cases in the State of Colorado District Court.
4. Thereupon, the County Manager or his designee shall make a final determination. Such final determination shall be considered a final agency action and may be reviewed under Colorado Revised Statutes § 24-4-106 and Rule 106(a)(4) of the Colorado Rules of Civil Procedure by the petitioner or by the County unless a reconsideration is requested by any party. A request for reconsideration of the determination may be made if filed with the County Manager within fifteen (15) days of the date of determination, in which case the County Manager shall review the record if the proceedings were conducted by a designated hearing officer, and issue a written determination that shall be considered a

**REVISION OF SECTION 105  
CONTROL OF WORK**

**- Continued -**

- final order of the County Manager upon the date it is signed, which shall then be considered a final agency action and may be reviewed under Colorado Revised Statutes § 24-4-106 and Rule 106(a)(4) of the Colorado Rules of Civil Procedure by the petitioner or by the County.
5. The District Court of Douglas County, State of Colorado shall have original jurisdiction in proceedings to review any final agency action by the County Manager pursuant to subparagraph 4, above, by order or writ under Colorado Revised Statutes § 24-4-106 and Rule 106(a)(4) of the Colorado Rules of Civil Procedure.

**REVISION OF SECTION 106  
CONTROL OF MATERIALS****106.01 SOURCE OF SUPPLY AND QUALITY REQUIREMENTS**

**Subsection 106.01 is hereby revised as follows:**

**106.01 Source of Supply and Quality Requirements.** All materials used shall meet all quality requirements of the Contract. The Contractor shall comply with the requirements of the special notice to contractors contained in the Department's Field Materials Manual – including notifying the Engineer of the proposed sources of materials at least two weeks prior to delivery.

When alternative materials are permitted for an item in the Contract, the Contractor shall state at the Pre-Construction Conference the material that will be furnished for that item.

Reference in the Contract to a particular product or to the product of a specific manufacturer, followed by the phrase "or approved equal", is intended only to establish a standard of quality, durability, and design, and shall not be construed as limiting completion. Products of other manufacturers will be accepted provided such products are equal to that specified.

CDOT BG2Now software system is only applicable when required by State or Federal authorities.

Failure to comply with the requirements of this subsection shall be grounds for withholding of progress payments.

**106.05 SAMPLING AND TESTING OF HOT MIX ASPHALT**

**Subsection 106.05 is hereby revised to include the following:**

Process Control Testing by the Contractor is **Mandatory**, unless otherwise directed by the Engineer.

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

**Section 107 of the Standard Specifications is hereby revised as follows:**

**107.12 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE**

**In Subsection 107.12, delete the last paragraph and replace with the following:**

Measures to minimize damage to existing trees have been incorporated into the design of this Project. Due to the value of existing trees located within the Project limits, removal of trees has been minimized through the extensive use of ditch adjustments, grade and alignment adjustments and other techniques.

The Contractor shall take all precautions necessary to protect all trees not designated for transplanting and/or removal on the Project. Failure of the Contractor to protect existing trees will result in assessment of liquidated damages as follows:

First occurrence of failure to protect trees - \$5,000

Second occurrence of failure to protect trees - \$10,000

Any Subsequent occurrence of failure to protect trees - Potential Removal of Contractor from Project plus \$10,000 per occurrence

If the Contractor knowingly harms any existing tree(s), he shall immediately notify the Engineer of the tree(s) location and damage. Damage to trees that have been identified in the plans to be protected (or not identified for removal) outside the Project limits (County ROW and / or easements), or on private property, shall be subject to the above liquidated damages, and, potentially, any additional fines pursued by the owner(s) of the private property.

**107.15 RESPONSIBILITY FOR DAMAGE CLAIMS, INSURANCE TYPES AND COVERAGE LIMITS**

**Delete the first paragraph of Subsection 107.15, prior to subparagraph (a), in its entirety and replace with the following:**

The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damage to persons or property, either on or off the site, which occur as a result of his prosecution of the work.

The safety provisions of applicable laws and building and construction codes shall be observed, and the Contractor shall take or cause to be taken such additional safety and health measures as deemed necessary.

The Contractor shall maintain an accurate record of all cases of death, occupational disease, and injury requiring medical attention or causing loss of time from work arising out of, and in the course of, employment on the work under this Contract. The Contractor shall promptly furnish the Engineer with reports concerning these matters.

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC  
- Continued -**

The Contractor expressly binds himself to defend, indemnify and save harmless the County, its commissioners, officials, officers, directors and employees, against all third-party suits, actions, claims, costs, fees, and expenses, including but not limited to expert fees and attorneys' fees, of any kind and nature brought, or which may be brought against the County, for or on account of any injuries or damage received or sustained by any person, firm, partnership or corporation, or persons, firms, partnerships or corporations, or by any property, in connection with or on account of the operations of the Contractor; or failure to comply with the provisions of the Contract; or on account of or in consequence of neglect of the Contractor in safeguarding the work; or because of the performance of the work under this Contract or by or in consequence of any negligence in connection with the same; or on account of the use of any improper or defective materials or workmanship; or on account of any act or omission, neglect, or misconduct of the Contractor, or a subcontractor, agents, servants or employees; or because of any claims or amounts recovered from any infringements of patent, trademark, or copyright, unless the design, device, material or process involved is specifically required by the Contract; or from any claims or amounts arising or recovered under the Worker's Compensation Act, or other law, ordinance, order or decree; or for any cause arising out of the performance of any subcontractor, agents, servants or employees relating to this Contract. If the County determines, in the reasonable exercise of its discretion, that a joint defense for the County and the Contractor creates a conflict of interest, the County shall be permitted to select its own counsel, and the Contractor shall pay all reasonable attorneys' fees, expenses (including expert fees and expenses), and costs of the County's defense. The County may, if it so desires, withhold any payment due the Contractor so long as it shall be reasonably necessary to indemnify the County on account of such injuries or damage.

**Subsection 107.15(f) is hereby revised to include the following:**

- (f) The certificates of insurance shall be provided to Douglas County by the Contractor's insurance agent or carrier as evidence that policies providing the required coverage, conditions, and minimum limits are in full force and effect. **Insurance limits as identified in Subsection 107.15(a) shall be on each Certificate of Insurance.** Each Certificate of Insurance shall be reviewed and approved by Douglas County prior to commencement of the Contract. No other form of certificate shall be used. The certificates shall identify this Contract.

**Subsection 107.15(g) is hereby revised to include the following:**

- (g) Any completed certificates of insurance, including renewals and amendments or modifications, shall be sent to:

Douglas County Project Engineer  
Department of Public Works  
100 Third Street, Suite 220  
Castle Rock, Colorado 80104

Megan Datwyler  
Douglas County Risk Management  
100 Third Street, 3<sup>rd</sup> Floor  
Castle Rock, Colorado 80104

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC  
- Continued -**

Any notices of cancellation, termination, or material change shall be sent to the above addresses within **thirty (30) calendar days** prior to the date upon which the noticed action (i.e., cancellation, termination or material change) is to take effect.

**Add the following new Subsection 107.15(i):**

- (i) Failure on the part of the Contractor to procure or maintain policies providing the required coverage, conditions and minimum limits shall constitute a material breach of contract upon which the County may immediately terminate this Contract, or, in the County's sole discretion, it may suspend the Contractor's performance and/or procure or renew any such policy or any extended reporting period thereto and may pay any and all premiums in connection therewith, and all monies so paid by the County shall be repaid by the Contractor to the County upon demand, or the County may offset the cost of the premiums against any monies due to the Contractor from the County.

**107.16 OPENING SECTIONS OF PROJECT TO TRAFFIC**

**Subsection 107.16 is hereby revised to include the following:**

The County has the right, subject to reasonable advance notice to the Contractor, to take possession of and use any completed or partially completed portions of the work. The County has this right even though the entire work or any portions thereof may, or may not, have been completed. Such possession and use shall not be deemed an acceptance of any work until all work has been completed in accordance with the Contract. Possession taken by the County pursuant to this paragraph shall not change the period of warranty requirements pursuant to the Revision of Sections 105 and 107.

**107.17 CONTRACTOR'S RESPONSIBILITY FOR WORK**

**Subsection 107.17 is hereby revised to include the following:**

Should an excavation become flooded, by any cause, the Contractor shall remove excess water, excavate the unsuitable material to a depth satisfactory to the Engineer and replace it with other suitable material as approved by the Engineer, at the Contractor's expense.

Until final written acceptance of the Project by the County, the Contractor shall have the charge and care thereof and shall take every precaution against injury or damage to any part thereof by the action of the elements, groundwater, surface runoff, floods or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof.

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC  
- Continued -**

The Contractor shall be responsible for the Project and shall take such precautions as may be necessary to construct the Project in a dry condition, provide for drainage, groundwater, underground water, surface runoff; and shall erect any necessary temporary structures or other facilities (including pumping and all other dewatering costs) at the Contractor's expense that are needed to complete the requirements for this Project.

No separate measurement and payment will be made of the work, equipment and materials, including, but not limited to, any additional shoring, rock stabilization, diversions, cofferdams, sheeting, pumping and well points required to control the surface and subsurface water in the work area throughout the duration of the Project (until the Project is completed and accepted by the Engineer). This work shall be a subsidiary obligation of the Contractor for this Project.

In an emergency affecting the safety of life or property, on or adjoining the Project site, the Contractor shall act, either at his own discretion, or as instructed by the Engineer, to prevent such threatened loss or injury. Any compensation claimed by the Contractor on account of such emergency work will be determined by the Engineer as provided in Subsections 104.03 and 109.04.

**107.19 FURNISHING RIGHT OF WAY**

**Subsection 107.19 is hereby revised to include the following:**

The Contractor shall construct this Project within the right-of-way, permanent slope easements, permanent drainage easements, permanent utility easements and temporary construction easements, or as otherwise provided in writing and as shown on the plans. The Contractor, at his expense, shall obtain any additional temporary construction easements that the Contractor wants. The Contractor shall provide the County with a written copy of all third-party agreements pertaining to this contract. Upon written approval by the Engineer, the County may agree to incorporate the adjacent additional temporary construction easements into the Project limits. The Contractor will be responsible for obtaining all applicable Federal, State and Local permits associated with the work outside the Project limits. No time extensions will be granted by the County for the Contractor to obtain these additional easements. When required, temporary fence will be constructed within the limits of the temporary construction easements.

**107.25 WATER QUALITY CONTROL**

**Subsection 107.25 is hereby revised as follows:**

Stormwater Construction Permit. If a Colorado Discharge Permit System Stormwater Construction Permit (CDPS-SCP) is required, then the permit procurement process will be initiated through the state of Colorado Environmental Online Services (CEOS) by the contractor. The Contractor and Douglas County will be co-permittees. The Contractor shall be the Operator permittee of the respective permit. The Contractor shall provide a copy of permit certification as the Operator to the

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC  
- Continued -**

Engineer prior to or at the Pre-construction Conference. No work shall begin until the CDPS-SCP permit with Owner and Operator has been approved by CDPHE. A copy of the permit shall be placed in the project SWMP.

The Contractor is legally required to obtain all other permits associated with specific activities outside of project limits, such as borrow pits, concrete or asphalt plant sites, waste disposal sites, or other facilities. Staging areas within a quarter mile, but not within the project limits shall be considered a common plan of development and permits for these facilities require permitting in the Contractor's name as Owner and Operator. These permits include local agency, federal, or other stormwater permits. The Contractor shall consult with the Engineer and contact the CDPHE or other appropriate federal, state, or local agency to determine the need for any permit.

**REVISION OF SECTION 108  
PROSECUTION AND PROGRESS**

**Section 108 of the Standard Specifications is hereby revised as follows:**

**108.02 NOTICE TO PROCEED**

**Delete Subsection 108.02 in its entirety and replace with the following:**

**Notice to Proceed.** The Contractor shall not commence work prior to the issuance of a Notice to Proceed. The Notice to Proceed will stipulate the date on which contract time commences. The County will issue a Notice to Proceed upon execution of this Contract unless otherwise amended or directed by the Project Engineer. The Contractor shall commence work under the Contract on or prior to the **tenth (10<sup>th</sup>) calendar day** following the Notice to Proceed date.

**108.06 CHARACTER OF WORKERS; METHODS AND EQUIPMENT**

**Subsection 108.06 is hereby revised to include the following:**

The Contractor shall be responsible for the scheduling of all work and proper coordination of the operations of all trades, subcontractors, or material men engaged upon this Contract.

**108.08 DETERMINATION AND EXTENSION OF CONTRACT TIME**

**Delete the first paragraph of Subsection 108.08 in its entirety and replace with the following:**

The contract time is stated in the Contract Documents. The contract time will be used to determine the Contract Completion Date.

**Add the following new Subsection 108.08(e):**

(e) *Contractor's Right to Proceed.* The right of the Contractor to proceed shall not be terminated nor shall the Contractor be charged with liquidated damages for any delays in the completion of the work due to:

1. Any acts of Government, including controls or restrictions upon or requisitioning of materials, equipment, tools, or labor by reason of war, national defense, or any other national emergency; or
2. Any acts of the County; or
3. Causes not reasonably foreseeable by the parties to this Contract at the time of the execution of the Contract which are beyond the control and without the fault or negligence of the Contractor, and against which it would have been unreasonable for the Contractor to take precautions and which the Contractor cannot avoid even by using its best efforts, including, but not restricted to, acts of God or of the public enemy, acts of another contractor in the performance of some other contract with the County, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and weather of unusual severity such as hurricanes, tornadoes, cyclones, and other extreme weather conditions; or

**REVISION OF SECTION 108  
PROSECUTION AND PROGRESS**

- Continued -

4. Any delay of any subcontractor occasioned by any of the causes specified in subparagraphs (e), (f) or (g) of this paragraph.

Provided, however, that the Contractor shall, **within seven (7) calendar days** of the first occurrence of any event or condition constituting a circumstance set forth in number 1 through 4 above, notify the Engineer, in writing, of the cause of the delay. The Engineer shall then ascertain the facts concerning the cause of the delay and the extent to which completion of the Project as a whole has been delayed. If the facts show the delay to be properly excusable under the terms of this Contract, the Engineer will extend the Completion Date by a period commensurate with the period of excusable delay.

**108.10            DEFAULT OF CONTRACT**

**Delete Subsection 108.10 in its entirety and replace with the following:**

- (a) The Engineer may send a written notice of intent to find the Contractor in default if the Contractor refuses or fails to prosecute the work with such diligence as will ensure its completion within the time specified, or if the Contractor fails to perform the work to Contract requirements, or neglects or refuses to correct or remove and replace rejected materials or unacceptable work. The written notice of intent to find the Contractor in default will include a stop work order which will require the Contractor to cease work on the Contract Items that are unacceptable. The notice will describe the conditions causing the impending default, advise the Contractor of the actions required for remedy and state that if the conditions have not been corrected within ten days of receipt of the notice, the County will find the Contractor in default.
- (b) The Contractor shall not resume work on the acceptable Contract Items until the following conditions have been met:
1. The Contractor shall submit a written proposal to the Engineer outlining the procedure which will be followed by the Contractor to correct the unacceptable conditions; and
  2. The Engineer and the Contractor shall meet to discuss the written proposal; and
  3. The Engineer will issue written permission for the Contractor to commence work.

If the Contractor fails to meet these three conditions within ten calendar days of receipt of the notice of intent to find Contractor in default, or if any time after the Contractor resumes work, the Contractor does not meet the work requirements, or the Contractor again neglects or refuses to correct or remove and replace rejected materials or unacceptable work, the Engineer may serve the Contractor with an immediate notice of default and take prosecution of the work from the Contractor. Copies of the default notice will also be sent, by certified mail, to the Contractor and the Surety. Upon receiving such notice, the Contractor shall peaceably relinquish possession of said work or of the parts thereof specified in the notice.

**REVISION OF SECTION 108  
PROSECUTION AND PROGRESS  
- Continued -**

The County may, at its option, and at a rental which it considers reasonable, take possession of, and utilize in completing the work, such materials, equipment, tools, and plants as may be on the Project Site until the work is complete.

Neither the County nor its officers, agents or employees shall in any way be liable or accountable to the Contractor or the Surety for the method by which the completion of said work, or any portion thereof, may be accomplished or for the price paid therefore. Should the cost of completing the work be in excess of the original contract price, the Contractor and the Surety shall be held obligated for such excess cost. Should the cost of such completion, including all proper charges, be less than the original contract price, the amount so saved shall be paid to the Contractor. Neither by taking over the work nor by declaring the Contract in default shall the County forfeit the right to recover damages from the Contractor or the Surety for failure to complete the entire Contract. Maintenance of the work shall continue to be the Contractor's Surety's responsibility as provided for by the bond and Warranty of the Contractor.

**REVISION OF SECTION 109  
MEASUREMENT AND PAYMENT**

**Section 109 of the Standard Specifications is hereby revised as follows:**

**109.06 PARTIAL PAYMENTS**

**Delete the first paragraph of Subsection 109.06, prior to subparagraph (a), in its entirety and replace with the following:**

Partial Payments will be made once within each 30-day period as the work progresses, when the Contractor is performing satisfactorily under the Contract. The Contractor shall prepare each partial payment statement by the 25th day of each month and submit such partial payment statement to the Project Engineer for review and approval. The statement shall consist of the total value of all construction work completed to such date, including the value of work performed, materials placed in accordance with the Contract, and, if applicable, the value of the materials on hand in accordance with Subsection 109.07, as estimated.

Monthly or partial payments made by the County to the Contractor are monies advanced for the purpose of assisting the Contractor to expedite the work and construction. All material and completed work covered by such monthly or partial payments shall remain the property of the Contractor, and he shall be responsible for the care and protection of all materials and work upon which payments have been made. Such payments shall not constitute a waiver of the right of the County to require the fulfillment of all terms of the Contract and the delivery of all improvements embraced in this Contract complete and satisfactory to the County in all details.

The amount of the progress estimate paid to the Contractor will be subject to the following:

**Delete Subsection 109.06(a) in its entirety and replace with the following:**

- (a) *Standard Amount Retained.* The amount to be retained from partial payments will be five percent (5%) of the calculated value of the completed work (including retainage for mobilization). No further amount will be retained if the Contractor is satisfactorily performing the Contract work. The amount retained will be in effect until such time as the Contract is completed satisfactorily and finally accepted by the County; *provided, however*, that where the Contract requires performance of severable and distinct work, set forth in separate schedules, the County may, in its sole discretion and upon written request of the Contractor and written consent of the Surety, upon completion and acceptance of a schedule of work constituting the substantial portion of the Project, publish a notice of Final Settlement pursuant to Section 38-26-107, C.R.S., at which time the amount retained may be reduced to two percent (2%) of the calculated value of completed work until satisfactory completion and final acceptance of all remaining Contract work. This Subsection is intended to comply with Section 24-91-103, C.R.S.

The County, before making any payment, may require the Contractor to furnish releases or receipts from any or all persons performing work and supplying material or services to the Contractor, or any subcontractor, if this is deemed necessary to protect the County's interest.

**REVISION OF SECTION 109  
MEASUREMENT AND PAYMENT**

**- Continued -**

The County, however, may make payment in part or in full to the Contractor without requiring the furnishing of such releases or receipts, and any payments so made shall in no way impair the obligations of any Surety or Sureties or any bond or bonds furnished under this Contract.

The County may withhold from any payment otherwise due the Contractor so much as may be necessary to protect the County, and if it so elects, may also withhold any amount due from the Contractor to subcontractors or material dealers for work performed or material furnished by them. The foregoing provisions shall be construed solely for the benefit of the County and will not require the County to determine or adjust any claims or disputes between the Contractor and his subcontractors or materials dealers, or to withhold any monies for their protection unless the County elects to do so. The failure or refusal of the County to withhold any monies from the Contractor shall in no way impair the obligations of any Surety or sureties under any bond or bonds furnished under this Contract.

**Delete Subsection 109.06(b), (h), (i), and (j) in its entirety and replace with the following:**

- (b) *Securities in Lieu of Standard Amount Retained.* **The County will not accept securities in lieu of retainage.**

**109.07 PAYMENT FOR MATERIAL ON HAND (STOCKPILED MATERIAL)**

**Delete the first sentence of Subsection 109.07, prior to subpart (1), in its entirety and replace with the following:**

Payments shall not be made to the Contractor for Material on Hand (Stockpiled Material) to be incorporated into the work except as provided in this Revision to Subsection 109.07. Absent express authorization, all payments are for the finished product, complete and in-place. Partial payments to the Contractor for materials on hand shall not be allowed unless a specific exception is granted in writing by the Engineer or unless it is otherwise specified in the County's Project Special Provisions. If and to the extent partial payments to the Contractor for materials on hand are expressly authorized in writing by the Engineer or specified in the County's Project Special Provisions, such payments shall be evidenced by invoices or cost analyses of material produced on the project subject to the following:

**109.09 ACCEPTANCE AND FINAL PAYMENT**

**Subsection 109.09 is hereby revised to include the following:**

Final payment to the Contractor shall be subject to the Contractor furnishing the County with a release in satisfactory form of all claims against the County arising under and by virtue of this Contract, other than such claims, if any, as may be specifically excepted by the Contractor from the operation of the release as provided under Section 105, as revised.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**PINE LANE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 &  
PINE DRIVE IMPROVEMENTS  
DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

The Colorado Department of Transportation’s Standard Specifications for Road and Bridge Construction, dated 2023, controls construction of this Project. The following Special Provisions supplement or modify the Standard Specifications and take precedence over the Standard Specifications and Plans.

**PROJECT SPECIAL PROVISIONS**

<b><u>Description</u></b>	<b>Date</b>	<b>Page Nos.</b>
Index	AD DATE	PSP-1
Notice to Bidders	AD DATE	PSP-4
Commencement and Completion of Work	AD DATE	PSP-6
Revision of Section 101 – Definition of Terms	AD DATE	PSP-6
Revision of Section 102 – Project Plans and Other Data	AD DATE	PSP-7
Revision of Section 105 – Cooperation Between Contractors	AD DATE	PSP-8
Revision of Sections 104 and 105 - Pavement Surface Course Maintenance	AD DATE	PSP-9
Revision of Section 105 – Control of Work	AD DATE	PSP-10
Revision of Section 105 – Acceptance	AD DATE	PSP-12
Revision of Section 106 – Control of Materials	AD DATE	PSP-13
Revision of Section 107 – Legal Relations and Responsibility to Public	AD DATE	PSP-14
Revision of Section 107 – Performance of Safety Critical Work	AD DATE	PSP-15
Revision of Section 107 - Stormwater Construction Permit	AD DATE	PSP-18
Revision of Section 108 – Prosecution and Progress	AD DATE	PSP-19
Revision of Section 201 – Clearing and Grubbing	AD DATE	PSP-20
Revision of Section 202 – Removal of Structures and Obstructions	AD DATE	PSP-22
Revision of Section 202 – Removal and Trimming of Trees	AD DATE	PSP-24
Revision of Section 202 – Removal of Asphalt Mat	AD DATE	PSP-26
Revision of Section 202 – Clean Culvert/Inlet	AD DATE	PSP-27
Revision of Section 203 – Excavation and Embankment	AD DATE	PSP-28
Revision of Section 203 – Potholing	AD DATE	PSP-32
Revision of Section 206 – Excavation and Backfill for Structures	AD DATE	PSP-33
Revision of Section 207 – Topsoil	AD DATE	PSP-34
Revision of Section 208 – Erosion Control	AD DATE	PSP-36
Revision of Section 210 – Reset Structure	AD DATE	PSP-54
Revision of Section 212 – Seeding, Fertilizer, Soil Conditioners, and Sodding	AD DATE	PSP-55
Revision of Section 216 – Soil Retention Covering	AD DATE	PSP-57
Revision of Section 240 - Protection of Migratory Birds	AD DATE	PSP-58
Revision of Section 304 – Aggregate Base Course	AD DATE	PSP-61
Revision of Section 403 – Hot Mix Asphalt	AD DATE	PSP-62
Revision of Section 420 – Geosynthetics	AD DATE	PSP-64
Revision of Section 506 – Soil Riprap	AD DATE	PSP-66

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

Revision of Section 603 – Culverts and Sewers	AD DATE	PSP-68
Revision of Section 604 – Manholes, Inlets, and Meter Vaults	AD DATE	PSP-72
Revision of Section 604 – Inlet Type D (Special)	AD DATE	PSP-74
Revision of Section 607 – Fence	AD DATE	PSP-75
Revision of Section 609 – Curb and Gutter	AD DATE	PSP-76
Revision of Section 610 – Median Cover Material	AD DATE	PSP-77
Revision of Section 612 – Delineators and Reflectors	AD DATE	PSP-78
Revision of Section 613 – Pull Boxes	AD DATE	PSP-79
Revision of Section 613 – Lighting	AD DATE	PSP-80
Revision of Section 614 – Signal Head Backplates	AD DATE	PSP-82
Revision of Section 614 – Microwave Radar Vehicle Detection System	AD DATE	PSP-83
Revision of Section 614 – Traffic Signal Cabinet, Controller and Cabinet Equipment	AD DATE	PSP-84
Revision of Section 614 – Traffic Signal Uninterrupted Power Source	AD DATE	PSP-85
Revision of Section 614 – Fiber Optic	AD DATE	PSP-86
Revision of Section 614 – Traffic Control Devices	AD DATE	PSP-87
Revision of Section 620 – Field Facilities	AD DATE	PSP-88
Revision of Section 621– Detour Pavement	AD DATE	PSP-90
Revision of Section 625 – Construction Surveying	AD DATE	PSP-93
Revision of Section 626 - Mobilization	AD DATE	PSP-95
Revision of Section 626 – Public Involvement By Contractor	AD DATE	PSP-96
Revision of Section 627 – Pavement Marking	AD DATE	PSP-99
Revision of Section 630 – Construction Zone Traffic Control	AD DATE	PSP-100
Revision of Section 630 – Impact Attenuator (Temporary)	AD DATE	PSP-105
Revision of Section 630 – Portable Message Sign Panel	AD DATE	PSP-106
Revision of Section 630 – Mobile Attenuator	AD DATE	PSP-108
Force Account Items	AD DATE	PSP-109
Utilities	AD DATE	PSP-110

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
 Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**COLORADO DEPARTMENT OF TRANSPORTATION  
 SPECIAL PROVISIONS  
 PINE LANE IMPROVEMENTS  
 DOUGLAS COUNTY PROJECT NUMBERS CI 2017-019 & CI 2020-020 &  
 PINE DRIVE IMPROVEMENTS  
 DOUGLAS COUNTY PROJECT NUMBERS SP 2018-005 & CI 2020-019**

**STANDARD SPECIAL PROVISIONS**

<b>Description</b>	<b>Date</b>	<b>Pages</b>
Revision of Section 101 - Definitions and Section 106 – Control of Materials	(January 8, 2024)	2
Revision of Section 105 – Control of Work	(October 1, 2023)	1
Revision of Section 105 – Dispute Review Board and Claims for Unresolved Disputes	(October 1, 2023)	9
Revision of Section 207 – Topsoil	(October 1, 2023)	9
Revision of Section 208 – As-Constructed Survey	(October 1, 2023)	3
Revision of Section 208 and 625 – Permanent Water Quality Structure	((April 2, 2024)	2
Revision of Section 212 – Soil Amendments, Seeding, and Sodding	(October 1, 2023)	25
Revision of Section 213 – Mulching	(Sept 30, 2024)	1
Revision of Section 601 – Concrete Acceptance	(April 9, 2024)	4
Revision of Section 601 – Pigment in Concrete	(July 23, 2024)	1
Revision of Section 614 - Galvanized Steel Poles	(October 1, 2023)	1
Revision of Section 620 – Field Laboratories with Ignition Furnace	(October 1, 2023)	1
Revision of Section 627 – Pavement Marking Paint (Temporary)	(April 2, 2024)	1
Revision of Section 630 – MHT Signature Requirements	(Dec 26, 2024)	1
Revision of Section 709 – Steel Welded Wire Fabrication	(April 9, 2024)	1
Revision of Section 713 – Retroreflectors and Drum and Tubular Marker Sheeting Requirements	(Dec 26, 2024)	4

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**NOTICE TO BIDDERS**

The Proposal guaranty shall be a certified check, cashier's check or bid bond in the amount of 5 percent of the Contractor's total bid.

Pursuant to Subsections 102.04 and 102.05, it is recommended that Bidders on this Project review the work site and Plan details. Prospective Bidders shall contact one of the following listed authorized Douglas County representatives prior to **January 20, 2026** to discuss any questions about the work.

Douglas County Project Manager  
(Project Manager)      Brolin Bundy, PE  
Cell Phone: 435-773-5845

Douglas County  
Project Engineer      Neil Sarno  
Cell Phone: 303-916-7688

Construction Field Engineer  
As designated by Douglas County Project Manager

The above-mentioned individuals are the only representatives of Douglas County with authority to provide any information, clarification, or interpretation regarding the Plans, Specifications, and any other contract documents or requirements.

A pre bid conference will be held on January 14, 2026 beginning at 10:00 a.m and Bidders are encouraged but not required to attend. Bids will be accepted only from pre-qualified Bidders.

Questions received from Bidders along with Douglas County responses will be posted in the Colorado BIDNET as they become available. To access questions and answers in Colorado BIDNET, login to the system via the website address below. From the home page click on the "View" tab and select "My Bid Solicitations" from the dropdown menu to view current posted bid Solicitation documents for the Project.

If the Bidder has a question or requests clarification that involves the Bidder's innovative or proprietary means and methods, phasing, scheduling, or other aspects of construction of the Project, the Douglas County representative will direct the Bidder to contact the Project Manager directly to address the question or clarification. The Project Manager will keep the Bidder's innovation confidential and will not share this information with other Bidders.

The Project Manager will determine whether questions are innovative or proprietary in nature. If the Project Manager determines that a question does not warrant confidentiality, the Bidder may withdraw the question. If the Bidder withdraws the question, the Project Engineer will not answer the question, and the question will not be documented on the BIDNET for the Project. If the Bidder does not withdraw the question, the question will be answered, and both the question and Douglas County answer will be posted. If the Project Engineer agrees that a question warrants confidentiality, the Project Engineer will answer the question and keep both question and answer confidential. Douglas County will keep a record of both question and answer in their confidential file.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**-2-**

**NOTICE TO BIDDERS**

All questions shall be directed to the Douglas County contacts listed above no later than 5:00 P.M. on January 20, 2026. Final questions and answers will be posted no later than Friday at 5 p.m. before the bid opening week.

Questions and answers shall be used for reference only and shall not be considered part of the Contract.

All references to the Colorado Division of Highways, Colorado Department of Transportation, and/or Department or Division shall also mean Douglas County.

All references to “Chief Engineer” shall also mean “Douglas County Project Manager”.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

### **COMMENCEMENT AND COMPLETION OF WORK**

The Contractor shall commence work under the Contract on or before the 15th day following Contract execution or the 30th day following the date of award, whichever comes later, unless such time for beginning the work is changed by the Chief Engineer in the "Notice to Proceed." The Contractor shall complete all work within 480 calendar days per the "Notice to Proceed."

The Contractor shall complete all work by the date stipulated in the "Notice to Proceed."

Stockpiling of materials before the beginning date is subject to the Engineer's approval. If such approval is given, stockpiled material will be paid for per Sections 109 and 626.

### **REVISION OF SECTION 101 DEFINITION OF TERMS**

Technical Specifications related to construction materials and methods for the Work embraced under this Contract shall consist of the "Colorado Department of Transportation, Standard Specifications for Road and Bridge Construction" dated 2023.

Certain terms utilized in the Specifications referred to in the paragraph above shall be interpreted to have different meanings within the scope of this Contract. A summary of redefinitions follows:

Subsection 101.02 shall be revised as follows:

*"Department"* shall mean Douglas County, Colorado.

*"Engineer"* shall mean the Engineer, Douglas County, Colorado, or their designated representative.

*"Project Engineer"* shall mean the Engineer, Douglas County, Colorado, or their designated representative.

*"State"* shall mean Douglas County, Colorado (where applicable).

*"Day"* shall be interpreted as calendar day if is used without the reference "calendar" or "working" preceding it.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 102  
PROJECT PLANS AND OTHER DATA**

**Section 102 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 102.05 shall include the following:**

The County has prepared the following documents available to all Bidders:

Pine Drive./ Pine Lane Improvements Project

- Contract Documents
- Standard Special Provisions
- Project Special Provisions
- Plans (Includes Subsurface Utility Investigation Plans)
- Final Pavement Design Report, Pine Lane – Pine Drive Improvements, Douglas County, Colorado, dated October 2019, by Shannon & Wilson, Inc.
- Final Drainage Report, dated September 2023, Felsburg Holt & Ullevig

3D modeling data is available in Land XML and vectorized PDF formats. These documents may be obtained by contacting the Project Engineer listed in the Notice to Bidders. Available 3D modeling data consists of:

Horizontal Alignments

Vertical Alignments

Existing and Proposed surface TINs

Douglas County does not warrant the 3D modeling data, and this information is not considered to be a part of the Contract. If Bidders use the 3D modeling data in preparing a proposal or planning and prosecuting the work, it is used at their own risk, and Bidders are responsible for all conclusions, deductions, and inferences drawn from the 3D modeling data.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 105  
COOPERATION BETWEEN CONTRACTORS**

**Section 105 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 105.12 shall include the following:**

Other construction agencies may be working concurrently in the vicinity of the Project. The Contractor shall conduct the work so as not to interfere with or hinder the progress or completion of the work being performed by other agencies or Contractors. All traffic control conflicts that arise between the needs of the various construction Contractors and other agencies shall be brought to the attention of the Project Engineer. The Project Engineer will decide the method of resolution.

**REVISION OF SECTIONS 104 AND 105  
PAVEMENT SURFACE COURSE MAINTENANCE**

**Revise Sections 104 and 105 of the Standard Specifications for this project as follows:**

**In Subsection 104.04, third paragraph, delete the first sentence and replace with the following:**

Portions of the roadway, excluding the pavement surface course, that are not included in the contract will be maintained by the Department.

**Subsection 105.19 shall include the following:**

The Contractor shall be responsible for timely response to complete all pavement surface course maintenance for portions of the roadway that are not included in the contract work within the Project limits, including the approach to Project, as required. These services shall be available upon notice, and provided for at all times, including holidays and seasonal no work periods. The Contractor shall provide these services beginning when time count starts for the Project through final acceptance. The Contractor shall submit a Pavement Surface Course Maintenance Plan (PSCMP) to the Engineer for acceptance at the Pre-Construction Conference. The PSCMP shall include, but will not be limited to, the following:

- (1) Source of materials to be used for pavement surface course repairs (PSCR).
- (2) Type of materials to be used for PSCR.
- (3) Equipment available to use for PSCR.
- (4) Labor, including names and phone numbers, to perform PSCR.
- (5) Response Time. The Contractor and the traffic control supervisor (TCS) shall respond to the Project site within 4 hours of notification.
- (6) Traffic Control. The Contractor shall perform traffic control as required until completion of the PSCR.
- (7) Pavement Marking. Full compliance pavement markings shall be in place on all PSCRs before opening to traffic.

The Contractor shall complete pavement surface course maintenance per the PSCMP. To implement the PSCMP, the Contractor shall develop and submit a method for handling repairs (MHR) for each different PSCR that shows the Contractor's proposed construction methods consistent with the PSCMP. Each proposed MHR will be approved in writing by the Engineer before the PSCR will be allowed to begin.

PSCRs shall be completed in a timely manner per the approved PSCMP. Unless otherwise approved, PSCRs shall be completed within 8 hours of notification.

Pavement surface course maintenance as described above will be paid for by force account per Subsection 109.04 under the planned force account item, Pavement Surface Course Maintenance.

**REVISION OF SECTION 105**  
**CONTROL OF WORK**

**Section 105 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 105.19 shall include the following:**

The Contractor shall complete Traffic Signal Maintenance in accordance with the TSMP, and all other applicable Project Standard Specifications or Special Provisions.

Traffic Signal Maintenance as described above will not be measured and paid for separately but shall be included in the work.

**Subsection 105.20 shall include the following:**

The Contractor shall provide timely response and complete all traffic signal maintenance for traffic signals that are included in the contract work within the Project limits. The Contractor shall respond to the Project site within one hour of notification for urban highway Projects, and within four hours of notification for rural highway Projects. These services shall be available upon notice, and provided at all times, including holidays and seasonal no work periods. The Contractor shall provide these services beginning when time count starts for the Project through final acceptance. The Contractor shall submit a Traffic Signal Maintenance Plan (TSMP) to the Project Engineer for acceptance prior to the beginning of construction. The TSMP shall include the following:

- (a) *Contact Information.* The Contractor shall designate a single contact person to be responsible for coordination and execution of the Project TSMP. TSMP shall contain the Contractor's TSMP coordinator's contact information, including name and phone number, and additional contact information for all personnel assigned to perform Traffic Signal Maintenance.
- (b) *Plan Requirements.* The TSMP shall establish a specific communications process to coordinate and manage Traffic Signal Maintenance. The TSMP shall document the Project's response time to confirm the requirements stated above. The TSMP coordinator shall be responsible for all communications during an incident, including notification of the Project Engineer, and communications with concerned stakeholders regarding when the maintenance operations are started, the estimated time frame of the repair or maintenance, the time repair has been completed, and the time normal traffic operations are resumed. A post-incident evaluation report shall be submitted to the Project Engineer within 48 hours of the initial incident notification. The report shall summarize the incident timeline, the repair and maintenance required, and the communication efforts made during the incident.
- (c) *Certification Documentation.* The Contractor shall adhere to the following requirements regarding Traffic Signal construction and maintenance personnel certifications. Current Certificates showing qualifications shall be documented in the TSMP to be submitted at the Pre-Construction Conference.
  - (1) For work inside the traffic signal cabinet, Signal and Signal Bench Technicians shall be minimum IMSA Level II certified. This includes the completion of training in construction, corrective maintenance, and signal turn-on.

-2-

**REVISION OF SECTION 105  
CONTROL OF WORK**

- (2) For all work external to the signal cabinet, a minimum IMSA Level I Traffic Signal Field Technician/Electrician, or Traffic Signal Bench Technician/Signal Technician, is required. An IMSA Level II Traffic Signal Electrician shall be on the job site at all times that signalization work is taking place to ensure proper construction. A maximum ratio of four IMSA Level I to one IMSA Level II will be allowed for work external to the signal cabinet. The United States Department of Labor – Bureau of Apprenticeship and Training may be substituted for the IMSA Level I Traffic Signal Electrician requirement.
- (d) *Traffic Control.* The Contractor shall perform traffic control as required until completion of the TSMP. All required traffic control contact information shall be provided in the TSMP.

**REVISION OF SECTION 105  
ACCEPTANCE**

**Delete Section 105.21(a) in its entirety and replace with the following:**

(a) *Substantial Completion.* The Contractor shall be substantially complete with all work by the Project completion date listed in the Contract. Substantial completion shall be defined as having the work completed to such a point that the roadway is fully open and usable to the public without the use of temporary traffic control devices. Additionally, all earthwork, storm sewer, and structures shall be completed and fully functional in their final form.

Punch list items will be allowed to be completed between substantial completion and final acceptance, as described in Section 105.21(b). The Engineer shall have sole discretion regarding what work shall be considered a punch list item and what work shall be required for the Contractor to obtain substantial completion.

The Contractor shall submit a request in writing to the Engineer requesting a certificate of substantial completion once the requirements for substantial completion have been met. At the Engineer's discretion, the Contractor will be issued a signed and dated certificate of substantial completion by the Engineer.

Additional compensation will not be provided to the Contractor for any work required between substantial completion and final acceptance. These items may include but are not limited to mobilization, equipment, personnel, utilities, surveying, traffic control, erosion control devices, erosion control management, field office, staging areas, sanitary facilities, and public involvement activities.

**REVISION OF SECTION 106**  
**CONTROL OF MATERIALS**

**Section 106 of the Standard Specifications is hereby revised for this Project as follows:**

**Section 106.03, paragraph 3 and 4 shall be revised as follows:**

HMA and SMA sampling and testing will be done per Douglas County's minimum sampling, testing and inspections schedule; the special notice to Contractors; and the Colorado procedures. If there are discrepancies between Douglas County standards, the adopted MGPEC attachments, as revised, shall control.

**Section 106.05 shall be deleted and revised as follows:**

All HMA and SMA, except HMA (Patching) (Asphalt) and temporary pavement shall be tested in accordance with the adopted version of MGPEC's chapter 5, Item 20 (<https://www.douglas.co.us/documents/chapter-5-mgpec.pdf>). This is currently included as part of Douglas County's Roadway Design and Construction Standards.

**Section 106.06 shall be deleted and revised as follows:**

All Portland cement concrete pavement materials (limited to item 412) shall be tested in accordance with the adopted version of MGPEC's chapter 5, Item 30 (<https://www.douglas.co.us/documents/chapter-5-mgpec.pdf>). This is currently included as part of Douglas County's Roadway Design and Construction Standards.

All Portland cement concrete curb, gutter, and sidewalk materials (limited to items 608, 609, 610) shall be tested in accordance with the adopted version of MGPEC's chapter 5, Item 31 (<https://www.douglas.co.us/documents/chapter-5-mgpec.pdf>). This is currently included as part of Douglas County's Roadway Design and Construction Standards.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 107  
LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

**Section 107 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 107.06 is hereby revised to include the following:**

If the Contractor is ordered to cease operations due to violations of a noise ordinance resulting from equipment back up alarms, the Contractor shall take whatever actions are necessary to comply with the ordinance and continue work on the Project. This includes the option of using an observer in lieu of using the equipment's back up alarms as allowed by CFR 1926.601(b)(4)(II) of the OSHA Safety and Health Standards. Should the Contractor fail to mitigate the noise ordinance violation, the Contractor shall be deemed to have waived any right to claim as a result of work suspension or being required to perform the work at times not specified in the Contract.

If the Contractor uses an observer in lieu of back up alarms, the following OSHA requirements must be adhered to:

- (a) For night work, there shall be sufficient light for the observer and the operator to see each other clearly. The lighting shall conform to the requirements of 29 CFR 1926.56.
- (b) The observer shall be positioned where the equipment operator and observer can see each other at all times.
- (c) The observer shall be able to see the area behind the vehicle being backed so that the observer can signal the equipment operator and warn any person to stay clear of the danger area.
- (d) The observer shall remain clear of the backup area.
- (e) The equipment operator, observer, and others in the immediate work area shall be trained in the signals used.
- (f) A "Tool Box" Meeting outlining the hand signals to be used shall take place prior to starting work operations and when any new employees are involved with the operations.

All costs incidental to the forgoing requirements shall be included in the original Contract Prices for the Project.

**REVISION OF SECTION 107  
PERFORMANCE OF SAFETY CRITICAL WORK**

**Section 107 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 107.061 is hereby added to this Project as follows:**

**107.061 Performance of Safety Critical Work.** The following work elements are considered safety critical work for this Project:

- (1) Overhead structure construction or repair - (Installation of Signal Poles and Mast Arms)
- (2) Temporary work: falsework, shoring that exceeds 5 feet in height, cofferdams, and temporary bridges.
- (3) Work requiring the use of cranes or other heavy lifting equipment to set signal poles and mast arms and when construction materials are being lifted that may fall onto active traffic lanes.
- (4) Excavation and embankment adjacent to the roadway, especially if it requires shoring
- (5) Caissons and/or directional boring in high density utility corridor.

The Contractor shall submit, for review, an initial, detailed construction Plan that addresses safe construction methods for each of the safety critical elements applicable to this Project. The Engineer will submit the Plans to the Douglas County Project Manager for a concurrent review. The Engineer's review will be for general conformance with the Plans, Specifications, best management practices regarding safety of the operation and industry standards. When the Specifications already require an erection Plan, a bridge removal Plan, or a removal of portion of bridge Plan, it shall be included as a part of this Plan. The detailed construction Plan shall be submitted two weeks prior to the safety critical element conference described below. The construction Plan shall be stamped "Approved for Construction" and signed by the Contractor. The construction Plan will be reviewed for acceptance by the Engineer.

The Construction Plan shall include the following:

- (1) Safety Critical Element for which the Plan is being prepared and submitted.
- (2) Contractor or Subcontractor responsible for the Plan preparation and the work.
- (3) Schedule, procedures, equipment, and sequence of operations, that comply with the working hour limitations.
- (4) Temporary work required: falsework, bracing, shoring, etc.
- (5) Underground, above grade, and overhead utilities identification and protective steps taken.
- (6) Communication Plan as necessary with stakeholders, media, and the public.
- (7) Additional actions that will be taken to ensure that the work will be performed safely.

-2-

**REVISION OF SECTION 107  
PERFORMANCE OF SAFETY CRITICAL WORK**

- (8) Names and qualifications of workers who will be in responsible charge of the work:
  - A. Years of experience performing similar work
  - B. Training taken in performing similar work
  - C. Certifications earned in performing similar work
  
- (9) Names and qualifications of workers operating cranes or other lifting equipment
  - A. Years of experience performing similar work
  - B. Training taken in performing similar work
  - C. Certifications earned in performing similar work
  
- (10) The construction Plan shall address how the Contractor will handle contingencies such as:
  - A. Unplanned events (storms, traffic accidents, work accidents, etc.)
  - B. Structural elements that don't fit or line up
  - C. Work that cannot be completed in time for the roadway to be reopened to traffic
  - D. Replacement of workers who don't perform the work safely
  - E. Unexpected absence of critical management team
  - F. Equipment failure
  - G. Other potential difficulties inherent in the type of work being performed
  
- (11) Name and qualifications of Contractor's person designated to determine and notify the Engineer in writing when it is safe to open a route to traffic after it has been closed for safety critical work.
  
- (12) Erection Plan or bridge removal Plan when submitted as required elsewhere by the Specifications. Plan requirements that overlap with the above requirements may be submitted only once.

A safety critical element conference shall be held two weeks prior to beginning construction on each safety critical element. The Engineer, the Contractor, the safety critical element Subcontractors, and the Contractor's Engineer shall attend the conference. Required pre-erection conferences or bridge removal conferences may be included as a part of this conference. Communications staff (Contractor or County) shall also attend to address any public/media needs.

After the safety critical element conference, prior to beginning work on the safety critical element, the Contractor shall submit a final construction Plan to the Engineer for record purposes only. The Contractor's Engineer shall sign and seal temporary works, such as falsework, shoring etc., related to construction Plans for the safety critical elements. The final construction Plan shall be stamped "Approved for Construction" and signed by the Contractor.

The Contractor shall perform safety critical work only when the Engineer, or an authorized representative, is on the Project site. The Contractor's Engineer shall be onsite to inspect and provide written approval of safety critical work for which he provided signed and sealed construction details. Unless otherwise directed or approved, the Contractor's Engineer need not be onsite during the actual performance of safety critical work but shall be present to conduct inspection for written approval of the safety critical work.

**-3-**

**REVISION OF SECTION 107  
PERFORMANCE OF SAFETY CRITICAL WORK**

When ordered by the Engineer, the Contractor shall immediately stop safety critical work that is being performed in an unsafe manner, or which will result in an unsafe situation for the traveling public. Prior to stopping work, the Contractor shall make the situation safe for work stoppage. The Contractor shall submit an acceptable Plan to correct the unsafe process before the Engineer will authorize resumption of the work.

When ordered by the Engineer, the Contractor shall remove workers from the Project that are performing the safety critical work in a manner that creates an unsafe situation for the public in accordance with Subsection 108.06.

Should an unplanned event occur, or the safety critical operation deviate from the submitted Plan, the Contractor shall immediately cease operations on the safety critical element, except for performing any work necessary to ensure worksite safety, and provide proper protection of the work and the traveling public. If the Contractor intends to modify the submitted Plan, he shall submit a revised Plan to the Engineer prior to resuming operations.

All costs associated with the preparation and implementation of each safety critical element construction Plan will not be measured and paid for separately but shall be included in the work.

The Contractor shall not be relieved from ultimate liability for unsafe or negligent acts or receive a waiver of the Colorado Governmental Immunity Act on behalf of the Department.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 107  
STORMWATER CONSTRUCTION PERMIT**

**Section 107 of the Standard Specifications is hereby revised as follows:**

**107.25 WATER QUALITY CONTROL**

**Subsection 107.25(c), replace the first paragraph with the following:**

A Colorado Discharge Permit System Stormwater Construction Permit (CDPS-SCP) will be obtained from CDPHE by the Contractor. The Contractor shall coordinate with the County to become the Operator permittee of the respective permit upon award of the Contract. The Contractor shall provide a copy of permit certification as the Operator to the County prior to or at the Pre-construction Conference. No work shall begin until the CDPS-SCP permit with Owner and Operator has been approved by CDPHE. A copy of the permit shall be placed in the Project SWMP.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 108  
PROSECUTION AND PROGRESS**

**Section 108 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 108.05 is hereby revised to include the following:**

Normal working hours for this Project shall be restricted to the hours between 7:00 a.m. and 7:00 p.m. Monday to Friday unless otherwise noted below.

Requests to work outside the normal working hours shall be submitted to the Project Engineer, in writing, no later than 4:00 p.m., 3 business days prior to the planned nightwork. Requests to work on Saturdays shall be submitted to the Project Engineer, in writing, no later than 4:00 p.m. on Wednesday, in advance of each Saturday. Written permission by the Project Engineer shall be provided to the Contractor by 4:00 p.m. the day prior to the planned night work and by 4:00 p.m. on Thursday prior to the planned Saturday work.

Work on Sundays and holidays is not allowed unless approved in writing by the Project Engineer. A written request to work on Sundays and holidays shall be submitted by the Contractor, a minimum of ten (10) calendar days, in advance. The decision to approve / deny the variance shall be made by the Project Engineer and shall be in writing.

The Contractor will only be allowed to work in a school zone from 8:30 a.m. to 2:30 p.m. The Contractor must be completely off the road, all traffic control picked up, and the road open to traffic by 3:00 p.m. for school zone areas.

The Contractor shall always maintain access to adjacent Douglas County School facilities unless otherwise agreed upon in writing by the Douglas County School District and the Engineer.

The Contractor may close Pine Lane and Ponderosa Drive as indicated in the Construction Phasing Plans during the school district's summer break. The Contractor shall always maintain local resident and emergency vehicle access during the closure of Pine Lane. and Ponderosa Drive. Pine Lane and Ponderosa Drive **SHALL NOT** be closed at the same time under any condition unless approved in writing by the Engineer.

**REVISION OF SECTION 201**  
**CLEARING AND GRUBBING**

**Section 201 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 201.01 is hereby revised to include the following:**

This work consists of removal and disposal of trash of any kind within the limits of the right of way, easement areas, and other areas shown in the contract or required by the work. This work also consists of removal of existing sod to the limits shown on the Plans. These items shall be removed and disposed of by the Contractor during construction and prior to final acceptance of the Project.

**Subsection 201.02 is hereby revised to include the following:**

No clearing and grubbing shall take place outside the limits of construction.

Removal of existing delineators shall be included in Item 201, Clearing and Grubbing and shall not be measured and paid for separately, but shall be included in the work.

The Contractor shall not remove any shrubs or trees within the Project limits without prior written approval from the Engineer. All trees and shrubs within or adjacent to the Project limits, unless otherwise noted, shall be protected. Clearing shall include removal of shrubs and trees smaller than 3 inches in caliper. All other shrubs and trees shall be removed in accordance with the Revision of Section 202 Removal and Trimming of Trees included in this Specification package. The Contractor shall mark all trees and shrubs that are required to be removed and shall obtain written approval from the Engineer prior to beginning the work.

Any stockpiling of tree and shrub materials in excess of ten (10) days shall not be visible from the roadway. The Contractor can stockpile only trunks and branches greater than 6-inches caliper for the property owners, provided the Contractor receives written request from the property owner and the stockpile location is approved by the Engineer.

The Contractor shall contact the Engineer if the Contractor thinks additional trees need to be removed, trimmed, or transplanted that are not noted in the Plans. Written approval from the Engineer is required prior to the removal, trimming, or transplanting of the trees.

Temporary easement areas shall not be cleared and grubbed unless absolutely necessary for construction purposes. Limits of clearing and grubbing shall be field verified by the Engineer after field staking has been completed and prior to beginning any clearing and grubbing.

The Contractor shall trim trees as necessary to keep branches from becoming a conflict with the proposed improvements. Trimming as directed by the Engineer within the Project limits shall not be measured and paid for separately but shall be included in item "Clearing and Grubbing". Tree trimming work shall be done by a Contractor or subcontractor who is a qualified tree surgeon and a member of the National Arborist Association. Removal of trash will not be measured and paid for separately but shall be included in the cost of clearing and grubbing.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**-2-**

**REVISION OF SECTION 201  
CLEARING AND GRUBBING**

The Contractor shall remove and dispose of all visible abandoned utility appurtenances that are located within the work area or right of way and abandoned as a result of this Project. The Contractor shall confirm utility appurtenances are abandoned with the utility owner prior to removal. These items shall not be disposed of within the Project limits. Removal of utility appurtenances shall not be measured and paid for separately but shall be included in the work for Item 201, Clearing and Grubbing.

**Subsection 201.04 is hereby revised as follows:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u><b>Pay Item</b></u>	<u><b>Pay Unit</b></u>
Clearing and Grubbing	Lump Sum

**REVISION OF SECTION 202  
REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

**Section 202 of the Standard Specifications is hereby revised for this Project as follows:**

**In Subsection 202.02 delete the seventh paragraph and include the following:**

The sawing of concrete and pavements shall be done carefully and all concrete or pavement to remain in place, which is damaged due to Contractor's operations, shall be removed and replaced at the Contractors expense to the satisfaction of the Engineer.

**Subsection 202.03 shall include the following:**

When removing any fence, the posts on either side of the section to be removed shall be securely braced with an approved end post before the fence is cut to prevent any slacking of the remaining fence.

Prior to removing any fence, the Contractor shall document existing fence type, material, and condition by property and provide copies of documentation to the Engineer.

**Subsection 202.04 shall include the following:**

Ground sign and sign panels designated for removal shall be carefully stockpiled in an orderly fashion so they can be inspected by the Engineer prior to disposal. The Owner reserves the right to salvage any or all ground signs and sign panels. All posts and signs designated by the Owner to be salvaged shall be delivered and stockpiled, at a location designated by the Engineer, at the Douglas County Public Works complex at **3030 North Industrial Way, Castle Rock, Colorado**. The Contractor shall get approval from the Engineer when the salvageable material can be delivered. The Contractor shall dispose of all removed signs not salvaged by the Owner.

**Subsection 202.05 shall include the following:**

The Contractor shall use sandblasting or water-blasting for pavement marking removal. Other proposed methods of pavement marking removal shall be submitted by the Contractor for approval by the Engineer.

**Subsection 202.11 shall include the following:**

The cutting of asphalt mat to a neat line where removal of asphalt mat will abut a new pavement, will not be paid for separately but shall be included in the work. The Contractor shall perform necessary investigations required to determine the thickness of existing asphalt pavements designated for removal.

Saw cutting of concrete pavements, curbs, gutters, or sidewalks to provide a neat line at the removal limit will not be measured or paid for separately but shall be included in the item for which it is required.

Removal of Pipe will be measured by EACH for all pipe related to removal of storm sewer.

-2-

**REVISION OF SECTION 202  
 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

Removal of Pipe (Utilities), including but not limited to, gas line and electrical/communications conduit and/or cable that is required to be removed for the construction of the planned roadway improvements will be measured by the linear foot and shall include pipe or cable of any material and at any depth with a diameter of 2 inches or larger as shown on the Plans. All other pipe or cable, including but not limited to small diameter communications conduit (less than 2 inches in diameter), that is required to be removed will not be measured and paid for separately but shall be included in the Work.

All pipe/cable removed as described above shall become the property of the Contractor and shall be properly disposed of offsite at the Contractor's expense, unless otherwise stated in the Plans.

**Subsection 202.12 is hereby revised to include the following:**

Sawing concrete and asphalt mat will not be measured and paid for separately but shall be included in the cost of the work.

Sandblasting shall be required for preparation of concrete pavement for striping. The cost of sandblasting shall be included in the work and shall not be measured and paid for separately.

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Removal of Inlet	Each
Removal of Pipe	Each
Removal of Pipe (Utilities)	Linear Feet
Removal of Median Cover	Square Yard
Removal of Curb and Gutter	Linear Foot
Removal of Concrete Pavement	Square Yard
Removal of Ground Sign	Each
Removal of Fence	Linear Foot

Removal of Inlet shall include temporary plugging of connecting pipes and structures as directed by the Project Engineer.

**REVISION OF SECTION 202  
REMOVAL AND TRIMMING OF TREES**

**Section 202 of the Standard Specifications is hereby revised for this Project as follows:**

**CONSTRUCTION REQUIREMENTS**

**Subsection 202.02 shall include the following:**

This work includes the removal and the trimming of trees as directed by the Engineer. This work includes the preservation from injury or defacement of all vegetation and objects designated to remain.

The Engineer will establish environmental limits. All trees, shrubs, plants, grasses, and other vegetative materials shall remain, except as designated by the Engineer.

Prior to beginning any construction, removal, trimming, and pruning of encroaching vegetation (as determined by the Engineer) shall be completed.

Once all directed clearing, trimming, and pruning is completed and accepted, no additional clearing, trimming, cutting, or pruning will be allowed unless approved, in writing, by the Engineer.

This work shall be done by a Contractor or Subcontractor who is a qualified tree surgeon and a member of the National Arborist Association. The firm's or individual's name and qualifications shall be submitted at the preconstruction conference for the Engineer's approval. A list of references and other clients shall be included with the qualifications statement. A written description of work methods and time schedules shall be submitted and approved in writing by the Engineer prior to work commencing.

Access for the removal or pruning of trees will be extremely limited. Trees shall be felled at the risk of the Contractor. Strict limits of disturbance will be defined and shall be adhered to.

Branches on trees or shrubs shall be removed as directed by the Engineer. All trimming shall be done by skilled workmen. All work shall be done according to the following requirements:

- (1) Pruning shall be done with proper, sharp, clean tools in such a manner as to preserve the natural character of the tree.
- (2) All final cuts shall leave no projections on or off the branch and shall not be cut so closely as to eliminate the branch collar.
- (3) To avoid bark stripping, all branches 50 mm (2 inches) in diameter and larger shall be cut using the 3-cut method. These branches shall be lowered to the ground by proper ropes.
- (4) Tools used on trees known or found to be diseased, shall be disinfected with alcohol before they are used on other trees.
- (5) Structural weaknesses, decayed trunk or branches, or split crotches shall be reported to the Engineer.
- (6) When cutting back or topping trees, the Contractor shall use the drop-crotch method and avoid cutting back to small suckers. Smaller limbs and twigs shall be removed in such a manner to leave the foliage pattern evenly distributed.

-2-

**REVISION OF SECTION 202  
REMOVAL AND TRIMMING OF TREES**

(7) When reducing size (cut back or topping) not more than one-third of the total area shall be reduced at a single operation.

(8) Climbing spikes shall not be used on trees, not scheduled for removal.

All brush, branches, limbs, and foliage smaller than 75 mm (3 inches) in diameter shall be chipped into mulch and stockpiled at a designated site. The trunks and limbs 75 mm (3 inches) and larger shall be cut into less than 2 m (6 foot) lengths and hauled to a designated site. Stumps shall be left no higher than 0.5 m (2 feet) above the ground surface and shall not be removed when within the areas to be excavated. When trees being cut off are outside the excavation limits, the stumps shall be cut so that no more than 75 mm (3 inches) remains above the ground surface. Stump grinding is not required in any circumstances.

**METHOD OF MEASUREMENT**

**Subsection 202.11 shall include the following:**

Removal of Tree will be measured by the number of trees removed in accordance with this Specification and as accepted the Engineer based on tree trunk caliper measurements as noted in the Basis of Payment.

**BASIS OF PAYMENT**

**Subsection 202.12 shall include the following:**

<u>Pay Item</u>	<u>Pay Unit</u>
Removal of Tree (6.1” to 12” Diameter)	Each
Removal of Tree (24” and Greater Diameter)	Each

Chipping, stockpiling mulch, and hauling and stockpiling trunks and limbs will not be paid for separately but shall be included in the work. Removal of trees less than 3 inches in diameter will not be paid for separately but shall be included in the work.

All clearing and grubbing directed by the Engineer will be paid for as lump sum under the clearing and grubbing item.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 202  
REMOVAL OF ASPHALT MAT**

**Section 202 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 202.01 shall include the following:**

This work includes removal and disposal of existing asphalt mat within the Project limits as shown on the Plans or at locations directed by the Engineer and the removed mat shall become the property of the Contractor.

**In Subsection 202.02 delete the seventh paragraph and replace with the following:**

The existing asphalt mat which varies in thickness from approximately 6 to 14 inches (most areas range between 8 to 12 inches) shall be removed in a manner that minimizes contamination of the removed mat with underlying material. Additional compensation will not be provided to the Contractor if the existing asphalt mat is thicker than the estimate provided. The removed mat shall become the property of the Contractor and shall be either disposed of outside the Project site, or used in one one or more of the following ways:

1. Recycled into the hot mix asphalt as permitted by Douglas County standards
2. Placed as a surfacing material for Contractor staging areas
3. Other uses as approved by Engineer

**Subsection 202.11 shall include the following:**

The removal of the existing asphalt mat will be measured by the square yard of mat removed to the required depth and accepted.

**Subsection 202.12 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Removal of Asphalt Mat	Square Yard

Unless otherwise specified in the Contract, the disposal of the asphalt mat or its use in other locations on the Project will not be measured and paid for separately, but shall be included in the work.

Sawcutting of existing pavement for removals will not be paid for separately but shall be included in the work.

**REVISION OF SECTION 202**  
**CLEAN CULVERT/INLET**

**Section 202 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 202.01 shall include the following:**

This work consists of cleaning, maintaining, removing, and disposing of sediment and other debris in the existing and proposed storm drain inlets and culverts as directed by the Engineer at the beginning and prior to final Project acceptance.

**Subsection 202.02 shall include the following:**

Prior to beginning work (other than traffic control), debris in all existing inlets, manholes, culverts, and storm drains, within Project limits, dirt shall be dislodged and removed to the greatest extent possible. Cleaning shall be done by vacuum truck removal methods. The Contractor shall remove and fully re-secure all grates. The Contractor shall treat the bolts with anti-seize compound prior to re-installation. All work, including drilling out of broken bolts, re-tapping bolt holes, replacement bolts, anti-seize treatment, and providing missing bolts, necessary to re-secure the grates shall be included in the cost of the work. If sediment or debris accumulates in the inlet or culvert after initial cleaning and during construction, the Contractor shall remove and dispose of the sediment and debris at the Contractor's expense. In case of work suspension longer in duration than one month, the Contractor shall clean the storm drain inlets, manholes, and culverts as directed by the Engineer. At the conclusion of the Project the Contractor shall clean all inlets, manholes, culverts, and storm drains within the Project limits, including elements shown as existing and proposed in the Plans, as directed by the Engineer. Payment will only be made for an initial and final cleaning for a maximum of two cleanings per inlet, manhole, culvert, or storm drain.

**REVISION OF SECTION 203  
 EXCAVATION AND EMBANKMENT**

**Section 203 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 203.07 is hereby revised to include the following:**

The bases of cuts and fills shall be scarified to a depth of 12 inches and compacted with compaction and moisture controls as specified below:

**Compaction/Moisture Control.** The following table (taken from Table 8.2 of the Douglas County Roadway Design and Construction Standards) lists the moisture-density requirements for the Project. Subgrade material should be compacted to a standard Proctor density (AASHTO T-99). If the recommended Proctor is not used, then the relative compaction shall be adjusted according to the table below. Proof rolling shall be provided in accordance with the Douglas County Roadway Design and Construction Standards (Chapter 8, Section 8.3) and shall not be measured and paid for separately, but shall be included in the work.

At the time of compaction, the moisture content of the soils should be uniform and within +/- 2 percent of optimum (0 to +/- 2% for A-2-4, A-2-6, A-6 and A-7 soils).

<b>COMPACTION AND MOISTURE-DENSITY CONTROL</b>		
<b>Soil Classification (AASHTO M 145)</b>	<b>AASHTO T99 Minimum Relative Compaction (Percent Standard)</b>	<b>AASHTO T 180 Minimum Relative Compaction (Percent Modified)</b>
A-1, A-2-5, A-2-7, A-3, A-4 & A-5	N/A	95
A-2-4, A-2-6, A-6, & A-7	95	N/A

Should wet, loose, soft, or otherwise unsuitable material be exposed on surfaces to receive fill, as identified by the Geotechnical Engineer, those materials should be removed and replaced with low to non-expansive material, properly moisture conditioned and compacted.

Fill shall be placed in uniform loose lifts not exceeding **eight (8) inches for heavy equipment compactors and four (4) inches for hand-operated compactors** and compacted to the same moisture-density requirement as noted above.

**Cut Slopes.** Cut slopes in natural clayey sands, natural sands, sandy clays, or natural claystone/sandstone should have a maximum horizontal to vertical ratio of 3 to 1, except specific areas designated on the Plans and/or shown on the cross sections.

Temporary cut slopes in natural clayey sands or sandy clays shall be a maximum of 2 (horizontal) to 1 (vertical) if approved by the Engineer. Temporary cut slopes into the natural claystone/sandstone shall be a maximum of 1 to 1 if approved by the Engineer.

**-2-****REVISION OF SECTION 203  
EXCAVATION AND EMBANKMENT**

**Fill Slopes.** Fill slopes constructed out of on-site clayey sands, sandy clays, or crushed clay stone/sandstone should be constructed to a maximum of 3 to 1, except for specific areas designated on the Plans and/or shown on the cross sections.

**Bedrock.** The Contractor shall not be additionally compensated for excavation in claystone and sandstone bedrock, which can be ripped in a single pass with a late model tractor-mounted hydraulic ripper equipped with one digging point of standard manufacturers design adequately sized for use with and propelled by a crawler-type tractor rated between 385 and 410 – net flywheel horsepower, operating in low gear.

**Reconditioning.** Within 24 hours of placing the aggregate base course, the top 12 inches of the subgrade shall be thoroughly scarified, plowed, and uniformly mixed to meet the compaction and moisture treatment requirements specified in this section. If soft spots are encountered after initial reconditioning, the Contractor shall incorporate suitable fill soils and uniformly mix to meet the compaction and moisture treatment requirements specified in this section. No additional compensation will be provided for reconditioning, it shall be included in the cost of the work.

**Alternative Reconditioning (Geo-stabilization).** In lieu of Reconditioning as specified above, the Contractor may elect to remove the top 12 inches of subgrade soil and install the following: one layer of Geotextile (Reinforcement), and 12 inches of Aggregate Base Course (Class 6). Alternative thicknesses and products may be approved by the Engineer on a case-by-case basis. Any alternative reconditioning materials are required to pass a proof roll as described below. No additional compensation will be provided for alternative reconditioning, it shall be included in the cost of the work.

**Proof Roll.** After the subgrade has been worked and re-compacted, the Contractor shall schedule a final proof roll inspection. The subgrade shall be proof rolled using a heavily loaded pneumatic tired vehicle. The vehicle shall have a loaded minimum Gross Vehicle Weight of at least 50,000 pounds with a loaded single axle weight of at least 18,000 pounds and have a minimum tire pressure of 90 psi. Subgrade which is pumping or deforming excessively under the wheel loads shall be removed, reworked, and replaced. If rain occurs after proof rolling and prior to the placement of aggregate base, additional testing and proof rolling will be required to identify potential areas which will need additional reconditioning. **Proof roll compaction and moisture tests are valid for up to 24 hours or until moisture (precipitation) occurs. All Proof Rolling required by the Project Engineer shall not be paid for separately, but shall be included in the work. Multiple proof rolls may be required due to weather or other unforeseen reasons.**

**Moisture/Density Testing.** Tests performed by the County's representative are for acceptance (QA) of the processed material. Moisture and density testing required for proper processing of the material (QC) is the responsibility of the Contractor. Coordination between QC and QA testing is the responsibility of the Contractor.

**METHOD OF MEASUREMENT**

**Subsection 203.11 is hereby revised to include the following:**

Items paid for by volume will not be re-measured, but payment shall be based on the quantity identified in the bid tabulation, unless the quantity of Embankment Material (complete-in-place) is changed during

-3-

**REVISION OF SECTION 203**  
**EXCAVATION AND EMBANKMENT**

construction by change order or when it is determined that there are discrepancies on the Plans in an amount of at least plus or minus **ten percent** of the Plan quantity.

The Contractor shall be responsible for verifying existing cross sections prior to construction and identifying any discrepancies and shall notify the Engineer. Failure to do so indicates acceptance of the existing ground line as shown in the cross sections and quantities.

The shrinkage factor shown on the Plans is an approximation, and it is the Contractor's responsibility to construct the Project to the lines and grades as shown on the Plans. Additional embankment and excavation may be necessary and shall include import, export or hauling required to complete the work. This additional work will not be paid for separately but shall be included in the cost of Unclassified Excavation (Complete-in-Place).

The Plans identify limits of over-excavation and reprocessing (if any). The Contractor shall notify the Engineer prior to beginning this item of work and provide survey staking to verify the limits of the over-excavation. The limits of removal for over-excavation shall be based on limits defined in the Plans and/or by the Engineer. If unsuitable material is encountered, the Contractor shall request in writing and obtain written approval of the limits of unsuitable material excavation required. Any excavation of unsuitable material or over-excavation completed without prior written approval of the Engineer shall not be measured and paid for. **Unsuitable Material shall not be defined as soil with excessive moisture for material that would otherwise be acceptable fill if dried. It is the Contractor's responsibility to provide acceptable embankment material for all fills on this Project.**

The contract unit price for Unclassified Excavation (Complete-in-place) shall be full compensation for all work necessary to complete the item including construction of embankments, unclassified excavation, compaction, moisture control, compaction of bases of cuts and fills, reconditioning, proof rolling, haul, and importing additional material.

Maintaining gravel tracking pads and providing dust control shall be the responsibility of the Contractor and will not be measured and paid for separately but shall be included in the unit price for Unclassified Excavation (Complete-in-Place).

No separate measurement or payment shall be made for the final reshaping of slopes to final template shape subsequent to the removal or abandonment of temporary access roads. Earthwork required to construct driveways and accesses shall not be measured and paid for separately but is included in Item 203, Unclassified Excavation (Complete in Place).

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**-4-**

**REVISION OF SECTION 203  
EXCAVATION AND EMBANKMENT**

**BASIS OF PAYMENT**

**Subsection 203.12 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Unclassified Excavation (Complete in Place)	Cubic Yard

Subgrade preparation, proof rolling and all reconditioning of soil below the paving section will not be paid for separately but will be included in the cost of the work.

All removed material shall become the property of the Contractor and shall be disposed of by the Contractor. All costs and permits related to the disposal site are the responsibility of the Contractor.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 203  
POTHOLING**

**Section 203 of the Standard Specifications is hereby revised for this Project as follows:**

**CONSTRUCTION REQUIREMENTS**

**Subsection 203.05(f) is hereby revised to include the following:**

Pothole hours shall be approved by the Engineer prior to commencing work.

Potholes completed under this Pay Item by the Contractor and/or the Contractor's Sub-Contractor shall clearly document pothole location, utility type, depth, and material. Pothole data shall be tabulated in a spreadsheet or other approved method so that pothole data can be recreated on-site by survey methods as needed during construction.

**METHOD OF MEASUREMENT**

**Subsection 203.11(e) is hereby revised to include the following:**

Potholing hours and associated data collection and documentation will only be measured and paid for once at each agreed upon location/utility. Any additional potholing that the Contractor elects to perform at previously documented pothole locations will not be measured and paid for but shall be at the Contractor's expense and at no cost to the Project unless agreed upon in writing with the Engineer.

**BASIS OF PAYMENT**

**Subsection 203.12 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

**Pay Item**  
Potholing

**Pay Unit**  
Hour

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 206  
EXCAVATION AND BACKFILL FOR STRUCTURES**

**Section 206 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 206.06 shall include the following:**

Structure Excavation, structure backfill, and unclassified excavation required for all waterlines, sanitary sewers, storm sewers, riprap, grouted riprap, pipe culverts, and pipe culvert extensions, including end sections, will not be measured, and paid for separately but shall be included in the work. Earthwork for pipes complete in place will not be paid for separately but shall be included in the work and excavated to the required depth and backfilled to finished grade in accordance with M 206-1.

**Subsection 206.07 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Filter Material (Class A)	Cubic Yard

All other work necessary to complete the above items will not be measured and paid for separately but shall be included in the work.

**REVISION OF SECTION 207**  
**TOPSOIL**

**Section 207 of the Standard Specifications is hereby revised for this Project to include the following:**

**Subsection 207.01 shall be revised to include the following:**

This work shall consist of excavating and stockpiling topsoil from all disturbed areas within the limits of construction. It shall consist of placing topsoil on all disturbed areas as shown on the plans not previously covered and paid for by Section 203.02. This work also shall consist of placing topsoil in areas of field changes as directed by the Engineer. All placement of topsoil must comply with the construction plan set.

Any unused stripped topsoil shall become the property of the Contractor and shall be removed from the Project site.

**Subsection 207.02 shall be revised to include the following:**

The Contractor shall disclose his designated topsoil borrow area which must be approved by Engineer before this work is begun.

**Subsection 207.03 shall be revised to include the following:**

The Contractor shall ensure that the area used to store topsoil shall be free of noxious weeds. Failure will result in the rejection of this topsoil. To determine adequacy of sandy loam, at least three representative samples of the native topsoil shall receive a textual analysis and standard agronomic test by a qualified soil lab. If organic matter or PH is outside of the specified range, amendments may be recommended for review and approval by the County. Any recommendation for amendments shall include documentation of amendment properties, rate of application and method incorporation. The use of chemical fertilizers other than an organic slow-release type such as Biosol by Rocky Mountain Bio Products is not permitted. The use of organic matter that would significantly increase soil salinity is not permitted.

**Subsection 207.04 shall be revised to include the following:**

On-site generated topsoil shall be measured at the stockpile sites. Exceptions are when field changes are made. In case of exceptions, quantities will be based upon a measure of the area receiving an approved depth of material as accepted by the Engineer.

**Subsection 207.05 shall be revised to include the following:**

The accepted quantity of topsoil measured as provided above will be paid for at the contract unit price for the pay item listed.

Soil testing will not be measured and paid for separately but shall be included in the work. Additional testing may be required for amendments which will not be paid for separately but shall be included in the work. The effort for the soil amendment shall also be included in the work and not paid for separately.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**-2-**  
**REVISION OF SECTION 207**  
**TOPSOIL**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u><b>Pay Item</b></u>	<u><b>Pay Unit</b></u>
Topsoil	Cubic Yard

For which payment shall be total compensation for all labor, equipment, materials, and incidentals required to obtain, excavate, stockpile, haul, apply water, and place topsoil to the lines and grades shown on the plans or as directed, complete in place and accepted.

Removal of unused stripped topsoil will not be paid for separately, but shall be included in the pay item Stockpile Topsoil.

Locations for stockpiling topsoil shall be selected so that it does not present a problem to the traveling public or is subject to leaving the site or plugging existing culverts and drainage channels. If additional erosion control BMPs are required to protect the stockpiles from negatively impacting the environment, then these BMPs will be paid for at the unit bid prices, otherwise from Force Account for Erosion Control. See Section 208.07 for additional requirements.

**REVISION OF SECTION 208  
EROSION CONTROL**

**Section 208 of the Standard Specifications is hereby revised for this Project as follows:**

**Section 208 of the Standard Specifications is replaced with the Douglas County Grading, Erosion, and Sediment Control (GESC) Manual, as amended.**

**Specific Subsections of Section 208 of the 2023 CDOT Standard Specifications for Road and Bridge Construction are included within this PSP below, as amended herein, in order to supplement the Douglas County GESC Manual for this Project. The definition of CDOT's term for SWMP Administrator shall be considered the GESC MANAGER, where applicable.**

**GESC Manual, as amended, is available on the Douglas County website <https://www.douglas.co.us/> and on the following Douglas County website link: <https://www.douglas.co.us/land/drainage-and-erosion-control/grading-erosion-and-sediment-control-manual-gesc-drainage-erosion-and-sediment-control-desc/>.**

**The GESC Manual, as amended, printed document can also be purchased at the Douglas County Department of Public Works Engineering offices 100 Third Street, Castle Rock, Colorado, 80104.**

**The Contractor is encouraged to pay special attention to Chapters 5 and 6 for the GESC Manual and Details provided in the Contract Documents.**

**Concerning the GESC Manual notification references, the Contractor shall direct all communication to the Project Engineer.**

**DESCRIPTION**

**Section 208.01 shall consist of the following:**

The Contractor shall anticipate the need to accommodate surface water flowing into and out of the Project site during construction, and the need to provide dewatering for excavation operations. Any equipment or excavation required for dewatering shall be located within the Project limits as defined by the limits of work or as the limits of construction as defined on the Plans.

The work of this Section includes controlling groundwater, site drainage, and storm flows during construction. Contractor is cautioned that the work involves construction in and around drainage channels, local rivers, and areas of local drainage. These areas are subject to frequent periodic inundation. All work for accommodating surface water and ground water and controlling erosion shall be in conformance with the requirements of all applicable federal, state, and local regulations and permits, including any applicable permits listed in Section 107.25 of these special provisions.

**REVISION OF SECTION 208  
EROSION CONTROL**

-Continued-

When a provision of Section 208 or as directed by the Engineer requires that an **action be “immediate” or “initiated / taken immediately”**, it shall be understood that the Contractor shall at once begin effecting completion of the action and pursue it to completion in a manner acceptable to the Engineer, and in accordance with the County’s “Grading, Erosion and Sediment Control Plan (GESC)/Storm Water Management Plan (SWMP)” and the Colorado Discharge Permit System (CDPS) Stormwater Construction Permit (SCP) requirements, if applicable.

**MATERIALS**

**208.02** Erosion control materials shall be in accordance with the Douglas County GESC Manual unless otherwise noted.

(a) Pre-fabricated Vehicle Tracking Pad: The Contractor shall provide FODS Trackout Control Mats (or alternative product approved by Engineer) to create a vehicle tracking pad that is a minimum of 12 feet wide by 35 feet long. The vehicle tracking pad shall be installed in accordance with manufacturers recommendations. Cleaning and maintenance of the pre-fabricated vehicle tracking pads, including replacement of damaged or worn out pads, shall not be paid for separately but included in the cost of the work.

**CONSTRUCTION REQUIREMENTS**

**208.03 PROJECT REVIEW, SCHEDULE, AND EROSION CONTROL  
MANAGEMENT**

The Contractor shall anticipate the need to accommodate surface water flowing into and out of the Project site during construction and the need to provide dewatering for excavation operations. Any equipment or excavation required for dewatering shall be located within the Project limits as defined by the limits of construction on the Plans.

The work of this Section includes controlling groundwater, site drainage and storm flows during construction. The Contractor is cautioned that the work may involve construction in and around drainage channels and areas of local drainage. These areas are subject to frequent periodic inundation. All work required accommodating surface water, ground water and control erosion shall be in conformance with the requirements of all applicable federal, State, and local regulations and permits, including any applicable permits listed in Section 107.25 of these special provisions.

**Surface Water Control.** This Project is subject to a permit with the Colorado Department of Public Health and Environment (CDPHE) for Stormwater Discharges Associated with Construction Activities. The permit shall be obtained by the Contractor. The Contractor shall prepare all applications required and submit them to the CDPHE. The Contractor shall submit a copy of certification of the permit to the Engineer prior to the start of construction. The Contractor is responsible for all application permit fees.

**REVISION OF SECTION 208**  
**EROSION CONTROL**  
-Continued-

Surface water control generally falls into the following categories:

- (1) Normal low flows along the channel.
- (2) Storm/flood flows along the channel.
- (3) Flows from existing storm drain pipelines.
- (4) Local surface inflows not conveyed by pipelines.

At a minimum, the Contractor shall be responsible for diverting the quantity of surface flow around the construction area, so that the excavations will remain free of surface water for the time it takes to install these materials and the time required for curing of any concrete or grout.

The Contractor is cautioned that the minimum quantity of water to be diverted is for erosion control and construction purposes and not for general protection of the construction site. It shall be the Contractor's responsibility to determine the quantity of water which shall be diverted and control measures needed to protect the work from damage caused by storm water.

The Contractor shall, at all times, maintain a flow path for all channels. Temporary structures such as berms, sandbags, pipeline diversions, etc., may be permitted for the control of channel flow, as long as such measures are not a major obstruction to flood flows, do not worsen flooding or alter pre-Project flow routes.

**The Contractor shall conduct operations in such a manner that storm, or other waters may proceed uninterrupted along their existing drainage courses. By submitting a bid, the Contractor acknowledges that he has investigated the risk arising from such waters, has prepared his bid accordingly and assumes all of said risk.**

**Groundwater Control.** This Project may be subject to a "Construction Dewatering Permit" with the CDPHE for dewatering associated with construction activities. The permit shall be obtained by the Contractor. The Contractor shall prepare all applications required and submit them to the CDPHE. The Contractor shall submit a copy of certification of the permit to the Engineer at least three (3) days prior to the start of any dewatering activities. The Contractor is responsible for all application permit fees.

The Contractor shall install adequate measures to maintain the level of groundwater a minimum of two (2) feet below the foundation subgrade elevation and maintain sufficient bearing capacity for all structures, pipelines, utilities, earthwork, and rock work. Such measures may include, but are not limited to, installation of perimeter subdrains, pumping from drilled holes or by pumping from sumps excavated below the subgrade elevation. Dewatering from within the foundation excavations shall not be allowed. The foundation bearing surfaces are to be kept dewatered and stable until the structures or other types of work are complete and backfilled.

Disturbance of foundation subgrade by Contractor operations shall not be considered as originally unsuitable foundation subgrade and shall be repaired at Contractor's expense.

**REVISION OF SECTION 208**  
**EROSION CONTROL**  
**-Continued-**

Any temporary dewatering trenches, settlement ponds or well points shall be restored following dewatering operations to reduce permeability in those areas as approved by the Engineer.

All excavations made as part of dewatering operations shall be backfilled with the same type material as was removed and compacted to ninety five percent (95%) of Maximum Standard Proctor Density (ASTM D698), except where replacement by other materials and/or methods are required and have been approved by the Engineer.

At no time during construction shall the Contractor affect existing surface or subsurface drainage patterns of adjacent property. Any damage to adjacent property resulting from the Contractor's alteration of surface or subsurface drainage patterns shall be the Contractor's responsibility and shall be repaired by the Contractor at no additional cost to Owner.

The Contractor shall remove all temporary water control facilities when they are no longer needed or at the completion of the Project. Pumps and generators used for dewatering and water control shall be quiet equipment enclosed in sound deadening devices, unless the Engineer agrees that the quieter equipment isn't needed in isolated instances.

**Subsection 208.03(a) shall consist of the following:**

*(a) Project Review.* Prior to the pre-construction meeting, the Contractor shall initiate the initial erosion control measures in accordance with the approved GESC/SWMP Plan.

Prior to construction, an on-site pre-construction conference shall be held. The meeting shall be attended by the Engineer, GESC Inspector, Project Superintendent, the Contractor's GESC Manager (GESC MANAGER) and any Subcontractor involved in the initial work on the Project that could adversely affect water quality. At this preconstruction conference, the attendees shall discuss the following items:

- (a) **Introductions.** Introductions of all attendees, including the GESC MANAGER and Alternate GESC MANAGER, will take place.
- (b) **Contact Information.** Attendees will exchange contact information.
- (c) **Review of GESC Field Manual.** The GESC Inspector for Douglas County will confirm the Contractor has adequate understanding of the GESC Field Manual.
- (d) **Field Review of GESC/SWMP Drawings.** The GESC/SWMP Drawings for all stages and phases will be reviewed to confirm the attendees' understanding of the GESC/SWMP and to discuss any modifications to the plan. If modifications to the GESC/SWMP are thought to be advantageous, input will be sought from the Design Engineer and County representatives. Acceptance of any or all proposed changes will need to be approved in writing by the Engineer. Limits of construction and topsoil stripping limits shall be confirmed.

**REVISION OF SECTION 208  
EROSION CONTROL**

-Continued-

- (e) **Inspection of Initial BMPs.** A visual inspection of all of the Initial BMPs that have been installed will take place. The GESC Inspector and the Engineer will confirm if any corrections are required.
- (f) **Acceptance of Initial BMPs.** If the Initial BMPs are accepted by the GESC Inspector, as is or with minor corrections, the GESC Inspection will inform the Permittee(s) and will approve the GESC Permit.

**Construction activities shall not commence until an executed GESC Permit is obtained from the County and a CDPS-SCP, if applicable, in addition to Contractor obtaining the County Right-of-Way Permit and the Water Control Plan (see Water Control Notes sheet in the GESC Plans) is submitted and approved.**

When additional BMPs are required, the Contractor shall obtain approval from the Engineer prior to implementation of the additional BMPs and the GESC MANAGER shall record and describe them on the GESC/SWMP. Additional approved BMPs will be measured and paid for in accordance with Subsections 208.11 and 208.12. Replacement of failed BMP's or the addition of BMPs will not be approved if, in the sole opinion of the Project Engineer, the Contractor has failed to adequately maintain the original approved BMP.

**Subsection 208.03(b) shall consist of the following:**

*Erosion and Sediment Control Activities.*

**Section 208.03(b) of 2022 CDOT Standard Specifications for Road and Bridge Construction is added herein.**

**Subsection 208.03(c) shall consist of the following:**

*(c) Erosion Control Management (ECM).* Erosion Control Management (ECM) for this Project shall consist of Erosion Control Inspection and Administration of the GESC/SWMP. The GESC MANAGER shall have working knowledge and experience in construction and shall be a Qualified Stormwater Manager. Superintendents will not be permitted to be GESC MANAGER. The GESC MANAGER will be responsible for oversight of the implementation, maintenance, and revision of the GESC/SWMP for the duration of the Project. The GESC MANAGER shall read, be familiar with, and use the information provided in Douglas County's Grading, Erosion and Sediment Control Manual, and the CDPS-SCP, as applicable. The GESC MANAGER will have full responsibility to maintain and update the SWMP/GESC for the duration of the Project.

The GESC MANAGER will complete inspection of all erosion control items **every 7 days** at a minimum and prepare written reports. The Contractor shall submit Erosion Control reports to the Engineer by Monday at 4:30 pm (or other time and day agreed to by the Contractor and Engineer) for the previous week. Failure to submit these reports on-time to the Engineer, and other violations of GESC requirements, shall be subject to penalty and enforcement provisions of the GESC

**REVISION OF SECTION 208**  
**EROSION CONTROL**  
**-Continued-**

Manual and may be assessed as deductions from the Contract.

Inspections for the Erosion control measures shall be made a minimum of every two weeks with the GESC MANAGER, Engineer, and the Contractor's Superintendent. Once a deficiency report is issued by the Engineer, the Contractor must address the repairs/ replacement and additional erosion control measures within two days in preparation for re-inspection. In the event the repairs are incomplete, the Contractor shall pay re-inspection fees to the County and be subject to the penalty and enforcement provisions of the GESC Manual and may be assessed as deduction from the Contract.

Inspect and record the requirements of the approved GESC/SWMP weekly that construction activity is taken place. Timing of the weekly inspections shall allow for corrective action to commence the day of the inspection. Post storm event inspections shall be conducted within 24 hours after the end of any precipitation or snow melt event, regardless if the work is temporarily in-active on holidays or over the weekend.

The Project may be subject to inspections by CDPHE, U.S. Army Corps of Engineers (USACE) and the Environmental Protection Agency (EPA) at any time; and the Contractor shall inform the Engineer immediately if contacted by any of these agencies. **If and when** the Colorado Department of Public Health and Environment (CDPHE), or the US Army Corps of Engineers (USACE), or the Environmental Protection Agency (EPA) reviews the Project site and requires additional measures to prevent and control erosion, sediment, or pollutants, **then** the Contractor shall cease and desist activities resulting in pollutant discharge; and the Contractor shall immediately inform the Engineer of what transpired and ask for additional direction on implementing the additional measures requested by one or more of these agencies mentioned above. If the work may negatively affect another MS4, the Contractor shall cease and desist activities resulting in the discharge and shall implement appropriate measures to protect the neighboring MS4, including installing additional measures.

During construction, the GESC MANAGER shall update all applicable changes including recording the following items on the site map as changes occur:

- i. Construction site boundaries;
- ii. Flow arrows that depict stormwater flow directions on-site and runoff direction;
- iii. All areas of ground disturbance including areas of borrow and fill;
- iv. Areas used for storage of soil;
- v. Locations of all waste accumulation areas, including areas for liquid, concrete, masonry, and asphalt;
- vi. Locations of dedicated asphalt, concrete batch plants and masonry mixing stations;
- vii. Locations of all structural control measures;
- viii. Locations of all non-structural control measures (e.g. temporary stabilization);

**REVISION OF SECTION 208**  
**EROSION CONTROL**

**-Continued-**

- ix. Locations of springs, streams, wetlands, diversions and other state waters, including areas that require pre-existing vegetation be maintained within 50 feet of a receiving water, where determined feasible in accordance with the CDPS-SCP, (if applicable);
- x. Locations of all stream crossings located within the construction site boundary; and
- xi. Locations where alternative temporary stabilization schedules apply.

The GESC MANAGER shall amend the GESC/SWMP whenever there are: additions, deletions, or changing locations of BMPs. GESC/SWMP revisions shall be recorded immediately. Items shall be dated and signed at time of occurrence. Specifically, amendments shall include the following:

**SWMP Review and Revisions.** Permittees must keep a record of SWMP changes made that includes the date and identification of the changes. The SWMP must be amended when the following occurs:

- i. A change in design, construction, operation, or maintenance of the site requiring implementation of new or revised control measures;
- ii. The SWMP proves ineffective in controlling pollutants in stormwater runoff in compliance with the permit conditions;
- iii. Control measures identified in the SWMP are no longer necessary and are removed; and
- iv. Corrective actions are taken onsite that result in a change to the SWMP;
- v. The site or areas of the site qualifying for reduced frequency inspections per the CDPS-SCP, if applicable.

All inspection and maintenance activities or other repairs shall be documented by the GESC MANAGER and kept on the Project site.

The GESC MANAGER shall modify the site map with arrows to indicate direction of water flowing across the Project site.

When adding new BMPs to the GESC/SWMP, the GESC MANAGER shall add a narrative explaining what, when, where, why, and how the BMP is being used, a description of BMP application, and a detail to the GESC/SWMP notebook.

If using existing topography, vegetation, etc. as a BMP, it shall be labeled as such on the GESC/SWMP site map; the GESC MANAGER shall add a narrative as to why and how the BMP is being used to the GESC/SWMP site map.

The GESC MANAGER shall cross out all BMPs that do not apply or highlight those details and notes on the County's Standard Plans and GESC/SWMP that apply to the Project. The GESC MANAGER shall write an explanation as to why the detail has been removed or what is being used instead as a BMP ("not applicable" is not an acceptable explanation).

**REVISION OF SECTION 208**  
**EROSION CONTROL**  
**-Continued**

The GESC MANAGER shall develop, record on the GESC/SWMP, and implement a plan for saw cutting containment to be approved by the Engineer.

The GESC MANAGER shall keep accurate and complete records; enforcement action, including fines could result if records are not adequate.

As long as this construction Project is the Contractor's responsibility, the GESC MANAGER shall conduct weekly erosion control inspections. During this inspection, the entire site shall be reviewed to determine whether construction is being conducted in accordance with the Project's site-specific GESC/SWMP and the CDPS-SCP, as applicable. The GESC MANAGER shall observe, record, and determine the effectiveness of all BMPs. Inspections shall be recorded on the Daily Stormwater Log and kept in the Project GESC/SWMP notebook.

Spills, leaks, or overflows that result in the discharge of pollutants shall be documented and maintained by the GESC MANAGER. The GESC MANAGER shall record the time and date, weather conditions, reasons for spill, etc. The GESC MANAGER shall immediately report any spills, leaks, or overflows to the Engineer. Some spills may need to be reported to the Water Quality Control Division immediately.

The GESC MANAGER shall report to CDPHE Water Quality Division and the Engineer the following instances of noncompliance:

- (a) Noncompliance, which may endanger health or the environment;
- (b) Spills or discharge of hazardous substance or oil, which may cause pollution of the waters of the state;
- (c) Discharge of stormwater, which may cause an exceedance of a water quality standard.

For all instances of noncompliance based on environmental hazards and chemical spills and releases, all needed information shall be provided orally to the Colorado Department of Public Health and on the Environmental Spill Reporting Line within 24 hours from the time the permittee becomes aware of the circumstance. For all instances of noncompliance identified here, a written submission shall also be provided within five calendar days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of:

- (a) The noncompliance and its cause;
- (b) The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue;
- (c) Steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

**After measures to properly correct any deficiencies have been completed and properly recorded, or where a report does not identify incidents of noncompliance, the report shall be signed indicating the site is in compliance.**

**REVISION OF SECTION 208  
EROSION CONTROL**

-Continued-

**Subsection 208.03(d) is hereby revised to include the following:**

(d) *Documentation Available on the Project.* The following Contract documents and references will be made available for reference at the DC field office during construction.

1. **GESC/SWMP Notebook.** The Contractor will provide a GESC/SWMP Notebook, which is and shall remain the property of Douglas County, in which the following Contract documents and reports shall be kept by the GESC MANAGER:
  - (1) GESC/SWMP Plan Sheets.
  - (2) Approved GESC/SWMP Plan.
  - (3) GESC/SWMP site map and Project plan title sheet.
  - (4) Project Special Provisions.
  - (5) Copies of Subsection 107.25 and Sections 207, 208, 212, 213, and 216 of the Standard Specifications and the standard and Project special provisions that modify them.
  - (6) GESC Plan Standard Notes and Details.
  - (7) Details of BMPs used on the Project not covered in the GESC.
  - (8) Narratives related to BMPs used on the Project not covered on the GESC/SWMP Plans for site maps.
  - (9) Log for daily inspection reports.
  - (10) All Project environmental permits and associated applications, including, CDPS-SCP (as applicable), GESC Permit, Senate Bill 40, USACE 404, Dewatering, and all other permits applicable to the Project, including any CDPS-SCP obtained by the Contractor.
  - (11) Spill Prevention, Control and Countermeasure Plan.
  - (12) Description of inspection and maintenance methods implemented at the site to maintain all erosion and sediment control practices identified in the GESC/SWMP.
  - (13) Schedule for accomplishing temporary and permanent erosion control work in accordance with Subsection 208.03(b).
  - (14) Project photographs documenting existing vegetation prior to construction commencing.

**208.04 CONTROL MEASURES FOR STORMWATER**

**Subsection 208.04 is hereby revised to include the following:**

Initial erosion and sediment controls shall be established as the first BMP to be implemented on the GESC/SWMP. The GESC MANAGER shall describe and record perimeter control on GESC/SWMP.

**REVISION OF SECTION 208  
EROSION CONTROL**

-Continued-

Newly constructed inlets and culverts shall be protected throughout construction and immediately upon completion. When riprap is called for at the outlet of a culvert, it shall be installed within 24 hours upon completion of each pipe. The Contractor shall remove sediment, millings, debris, and other pollutants from within the Project drainage system, prior to use, at no additional cost to the Project.

For acceptable stabilization measures, see the DC GESC Manual and DC GESC Plan Standard Notes and Details.

Erosion and sediment control practices and other protective measures identified in the GESC/SWMP as BMPs for Stormwater Pollution Prevention **shall be continuously maintained in effective operating condition**. BMPs shall be continuously maintained in accordance with good engineering, hydraulic and pollution control practices, including removal of collected sediment in accordance with the GESC Manual and GESC Standard Notes and Details. Removal and disposal of sediment shall be in accordance with 208.04(e) of the 2022 CDOT Standard Specifications for Road and Bridge Construction and the Douglas County GESC Manual where applicable. If conflict exists, the GESC Manual shall take precedence.

Where necessary, the Contractor shall use appropriately sized equipment and the necessary laborers to cost-effectively remove the sediment. The Contractor shall obtain the Engineer's approval of proposed equipment and methods for removal and disposal of sediment prior to performing the work, which will be paid for in accordance with Subsection 208.11 and 208.12.

Maintenance of Erosion and Sediment Control devices and BMPs shall include replacement of such devices upon the end of their useful service life. As part of the GESC MANAGER daily inspection responsibilities, the GESC MANAGER shall identify and recommend to the Engineer when sediment control devices / BMPs need to be replaced. Devices damaged due to the Contractor's negligence, as determined by the Engineer, shall be replaced at Contractor's expense.

**When the Engineer determines that the devices / BMPs need to be replaced because they are at the end of their useful life, then it will be paid for in accordance with Subsection 208.11 and 208.12. However, routine maintenance of BMPs, including but not limited to raking (refreshing) of Vehicle Tracking Control, replacement of any stakes (staples), markers, realigning of Erosion Sediment Control Logs and realigning inlet protection, etc., will not be measured and paid for separately, but shall be included in the unit bid prices for each of these items. Additionally, the Contractor shall provide routine maintenance of sediment control logs, reinforced rock berms, sediment traps, and inlet protections during construction to include prevention of sediment from passing over or under them and from sediment accumulation no greater than 50 percent of the original exposed height of each sediment management device. Contractor shall also provide as routine maintenance during construction the surface roughening and temporary stream crossings to a level that provides**

**REVISION OF SECTION 208  
EROSION CONTROL**

-Continued-

**for the erosion protection (i.e. no scour) and prevention of sediment conveyance as originally intended in the approved SWMP/GESC Plans. No additional payment will be made for such routine maintenance of BMP's but shall be included as part of the work.**

Complete site assessment shall be performed in accordance with CDPS-SCP, if applicable. Where site assessment results in the determination that new or replacement BMPs are necessary, the BMPs shall be installed to ensure continuous implementation. When identified, the GESC MANAGER shall contact the Engineer for approval to ensure the BMPs be added, modified, or replaced as soon as possible, immediately in most cases.

Where BMPs have failed, resulting in noncompliance, the GESC MANAGER shall contact the Engineer immediately in order to (1) discuss the GESC MANAGER's recommendations to ensure the failed BMPs are repaired or replaced as soon as possible, (immediately in most cases), in order to minimize the discharge of pollutants; and (2) for the Engineer to authorize any additional expenditures. Following the implementation, in addition to completing the daily log, the GESC MANAGER shall update the GESC/SWMP Notebook by describing and recording new and replacement BMPs.

It is required that the Contractor stockpile certain temporary BMPs to meet the "immediate response" requirement. During initial installation of these BMPs, the Contractor shall maintain stockpiles on site of the following:

- (a) 300 Linear Feet of Erosion Log Type 1 (12 Inch)**
- (b) 50 Linear Feet of Aggregate Bag**
- (c) 200 Linear Feet of Silt Fence**

Payment for stockpiling of erosion control materials will be in accordance with Subsection 109.07, Payment for Material on Hand (Stockpiled Material). When one or more of the stockpiled materials is significantly depleted, the GESC MANAGER shall notify the Engineer and request additional materials delivered to the Project.

New or replacement BMPs will be measured and paid for in accordance with Subsection 208.11 and Subsection 208.12.

**The Contractor shall be responsible for the control of noxious weeds throughout the life of the Project in accordance with the Douglas County GESC Manual. The Contractor shall follow all maintenance requirements in accordance with GESC Plan Standard Notes and Details.**

Streets, Highways, and other paved areas shall be kept clean throughout the life of a Project. In the event of accidental tracking of mud on streets, the GESC MANAGER shall notify the Engineer immediately, and the mud shall be cleaned immediately using a vacuum-type street sweeper, a

**REVISION OF SECTION 208  
EROSION CONTROL****-Continued-**

brush-type street sweeper with dust control, or manually using shovels and brooms. If a large quantity of mud needs to be cleaned up, initial removal may take place using a small road grader or loader, but care shall be exercised to avoid damage to the roadway. Any damage shall be repaired at the Permittee(s) expense. Streets shall not be washed with water under any circumstance. Street cleaning will not be paid for separately but shall be included in the work.

Material from saw cutting operations shall be cleaned from the roadway surface as soon as practical, (immediately in most cases). Particles shall be picked up with a pick-up broom or vacuum. Sweeping and street washing will not be allowed. Street cleaning will not be paid for separately but shall be included in the work.

When the Contractor has executed an agreement with one or more of the adjacent property owners, in order to perform work activities associated with this Project that fall outside the Project limits, the necessary erosion and sediment control work shall be performed by the Contractor at the Contractor's expense. This requirement applies to, but is not limited to, the following activities: borrow pits, haul roads, storage and disposal areas, maintenance / equipment storage, staging areas, batch plants, stockpiling, and etc.

**208.05 CONSTRUCTION OF CONTROL MEASURES****Subsection 208.05 is hereby revised to include the following:**

Contractor shall follow Douglas County GESC Manual including the manual's referenced Standard Details and Notes sheets for proper installation of BMPs. Contractor shall also reference Section 212, 213, and 216, as amended within this Project's Project Special Provisions, for seeding, mulching, sodding, soil retention blanket installation requirements.

All liquid and solid wastes, including contaminated sediment and soils generated from concrete washout shall be hauled away from the site and disposed of at a site permitted to accept such waste.

Removal and disposal shall be included in the price of the concrete washout structure.

**208.06 MATERIALS HANDLING AND SPILL PREVENTION****Subsection 208.06 is hereby revised to include the following:**

The GESC MANAGER shall clearly describe and record on the GESC/SWMP, all practices implemented at the site to minimize impacts from procedures or significant material that could contribute pollutants to runoff. Areas or procedures where potential spills can occur shall have spill procedures and responses specified in Subsection 107.25.

**REVISION OF SECTION 208  
EROSION CONTROL****-Continued-**

Bulk storage structures for petroleum products and any other chemicals shall have secondary containment so as to contain all spills and prevent any spilled material from entering state waters. A plan shall be implemented to properly manage and dispose of accumulated stormwater within the secondary containment system.

The Contractor shall inspect equipment, vehicles, and repair areas to ensure petroleum, oils, and lubricants (POL) are not leaking onto the soil or pavement. Absorbent material or containers approved by the Engineer shall be used to prevent leaking POL from reaching the soil or pavement. The Contractor shall have onsite approved absorbent material or containers of sufficient capacity to contain any POL leak that can reasonably be foreseen. All materials resulting from POL leakage control and cleanup shall become the property of the Contractor and shall be removed from the site and disposed of at a site permitted to accept such waste. The cost for control, cleanup and removal of by-products resulting from POL leaks will not be paid for separately but shall be included in the work.

A Spill Prevention, Control, and Countermeasure Plan shall be developed and implemented to establish operating procedures and the necessary employee training to minimize the accidental releases of pollutants that can contaminate stormwater runoff.

The Spill Prevention, Control, and Countermeasure (SPCC) Plan shall contain the following information:

- (1) Identification and contact information of each Spill Response Coordinator.
- (2) Locations of areas on the Project site where equipment fueling, and servicing operations are permitted.
- (3) Location of cleanup kits.
- (4) Quantities of chemicals and locations stored on site.
- (5) Label system for chemicals and Safety Data Sheets (SDS) for products.
- (6) Clean up procedures to be implemented in the event of a spill that does not enter State waters or ground water.
- (7) Procedures for spills of any size that enter surface waters or ground water or have the potential to do so.
- (8) Notification procedures to be implemented in the event of a spill, including: contact information of key personnel (including the Project Engineer and Stormwater Management team at [stormwater@douglas.co.us](mailto:stormwater@douglas.co.us), and appropriate regulatory agencies.

**REVISION OF SECTION 208  
EROSION CONTROL**

**-Continued-**

**208.07 STOCKPILE MANAGEMENT**

**Subsection 208.07 is hereby revised to include the following:**

Material stockpiles shall be located away from sensitive areas and shall be confined so that no potential pollutants will enter state waters or conveyances to state waters (e.g., ditches). The location of all stockpiled materials shall be shown on the approved GESC/SWMP.

Material stockpiles shall be located 100 horizontal feet away from State waters and shall be confined so that no potential pollutants will enter State waters and other sensitive areas as defined in the Agreement. Locations shall be approved by the Project Engineer.

Erodible stockpiles (including topsoil) shall be contained with acceptable BMPs at the toe (or within 20 feet of the toe) throughout construction. BMPs shall be approved by the Project Engineer.

**208.08 LIMITS OF DISTURBANCE**

**Subsection 208.08 is hereby revised to include the following:**

The Contractor shall limit construction activities to those areas within the limits of construction. In the event the Contractor elects to work outside of the approved limits of construction, the Contractor shall obtain separate permit(s) for this area and (2) request that the Engineer allows the limits of construction to be expanded. The Contractor will need to obtain written permission from the Engineer, prior to starting the work.

Additional costs to adhere to GESC/SWMP requirements will be the responsibility of the Contractor.

The GESC/SWMP shall be revised to include the additional areas and associated erosion and sediment control BMPs.

**208.09 REGULATORY MECHANISM FOR WATER QUALITY**

**Subsection 208.09 is hereby revised to include the following:**

Failure to implement the GESC/SWMP is an automatic violation of the CDPS – SCP, if applicable, and Douglas County requirements. Penalties may be assessed to the Contractor by the appropriate agencies, including penalties assessed by the County. All fines assessed to the County for the Contractor's failure to implement the GESC/SWMP shall be deducted from moneys due the Contractor in accordance with Subsection 107.25(d) 2.

**REVISION OF SECTION 208  
EROSION CONTROL**

**-Continued-**

The Engineer will immediately notify the Contractor in writing of each incident of failure to perform erosion control in accordance with these Specifications, DC GESC Manual, GESC/SWMP and CDPS-SCP, if applicable. The Contractor shall commence corrective work immediately after receipt of the Engineer's notification. If, after 48 hours from receipt of the written notice, the Contractor has not completed the corrective work, the Contractor may be charged liquidated damages in the amount of \$2,000 for each calendar day after the 48-hour period has expired. Liquidated damages (fines) can be assessed when one or more of the incidents of failure to perform the requirements of the Contract Documents, the DC GESC Manual, GESC/SWMP or CDPS-SCP, if applicable.

When a failure may endanger health or the environment, consists of a spill or discharge of hazardous substances or oil which may cause pollution of the waters of the state, or consists of a discharge of stormwater which may cause an exceedance of a water quality standard, the Engineer may issue a **Stop Work Order** in accordance with Subsection 105.01.

If all failures are not corrected within the 48 hours described above, in addition to any liquidated damages that have been assessed, the Engineer may issue a **Stop Work Order** in accordance with Subsection 105.01. Work shall not resume until the Engineer has approved a written corrective action plan submitted by the Contractor that includes measures to prevent future violations and a schedule for implementation.

If the unacceptable work is not remedied by the deadline established in the schedule of the approved corrective action plan, the Engineer will take action to effect compliance with the DC GESC Permit, GESC/SWMP and CDPS-SCP, if applicable, by utilizing County forces or other third party (non-Contractor) forces; and the cost associated with completing said work, shall be deducted from any money due the Contractor on the following months progress pay application, pursuant to Subsection 105.17. The **Stop Work Order** shall be in place until the Project is in compliance with the DC GESC Permit, GESC/SWMP and CDPS-SCP requirements, if applicable.

**METHOD OF MEASUREMENT**

**Subsection 208.11 is deleted and replaced with the following:**

The following GESC Manual BMPs, including replacements as approved by the Project Engineer, will be measured and paid for based on the actual quantity of the Pay Item and Pay Unit that is installed correctly: Concrete Washout Area, Construction Markers, Check Dam, Diversion Ditch, Erosion Control Blanket (Straw), Erosion Control Blanket (Straw/Coconut), Inlet Protection, Reinforced Rock Berm, Reinforced Rock Berm for Culvert Protection, Sediment Trap, Sediment Basin, Sediment Control Log, Check Dam, Stabilized Staging Area, Surface Roughening, Temporary Slope Drain, Temporary Stream Crossing and Vehicle Tracking Control.

**REVISION OF SECTION 208  
EROSION CONTROL**

**-Continued-**

In the case of repeated failures on the part of the Contractor in controlling erosion, sedimentation, and/or water pollution, the Engineer reserves the right to employ outside assistance or to use Douglas County forces to provide the necessary corrective measures. Such incurred direct costs, plus Engineering cost, will be charged to the Contractor, and appropriate deduction will be made from the Contractor's monthly progress estimate

Control of Surface Water, Groundwater, and Erosion will not be measured separately. All materials, equipment, and labor required to control surface water and dewater all excavations during the course of the Project will be incidental to each bid item.

Payment for **replacement or maintenance of any authorized BMPs** will include only those requiring replacement due to significant storm (erosion) events and as approved by the Engineer. Payment for replacement or maintenance of any authorized BMPs due to the Contractor's negligence or carelessness shall be performed at the Contractor's expense. Temporary erosion and pollution control measures required due to the Contractor's negligence, carelessness, or failure to install erosion controls as a part of the work, as scheduled, shall be performed at the Contractor's expense.

The quantity of erosion control devices reflects the first installation at the location shown on the GESC/SWMP. It is the Contractor's responsibility to maintain the erosion control devices throughout construction. Routine maintenance of BMPs will not be measured and paid for separately but shall be included in the unit bid prices for each of these items.

The Contractor is also responsible for replacing all damaged or non-functional erosion control devices and for removing silt until Project final acceptance and / or the end of the warranty period.

Payment for replacement of inlet protection, reinforced rock berms, reinforced rock berms (inlet protection) will be measured and paid for using the original unit bid prices for these items.

**Stabilized Staging Area** will be not be measured and payment will be based on the quantity indicated in the Plans. All materials, equipment and labor required to install and maintain all staging areas during the course of the Project will not be measured and paid for separately but shall be included in the unit price.

**Pre-fabricated Vehicle Tracking Pad** Prefabricated vehicle-tracking pads will be measured by the actual number of pads delivered to the site and set up to the minimum dimensions. It shall not include pads moved on-site.

Measurement and payment for **Sediment Basin** will include all labor, equipment and materials required to complete the installation of each Sediment. The Sediment Basins will be installed immediately after rough grading is completed. Measurement and payment includes removal of any and all of the additional materials and / or sediment captured within the sediment basin during construction.

**REVISION OF SECTION 208  
 EROSION CONTROL**

**-Continued-**

**Removal and Disposal of Sediment (Equipment).** It is estimated that Blading (120 Horsepower), Dozing (100 Horsepower), Combination Loader (125 Horsepower) and/or Backhoe (75 Horsepower) and/or laborer may be required for miscellaneous erosion control work as directed by the Engineer. Work authorized by the Engineer shall be paid for as Removal and Disposal of Sediment (Equipment).

**Removal and Disposal of Sediment (Labor).** A laborer may be required for miscellaneous erosion control work as directed by the Engineer. Work authorized by the Engineer shall be paid for as Removal and Disposal of Sediment (Labor).

**GESC MANAGER** will be measured and paid for on a daily basis. The total number of authorized days (for any 24-hour period) shall be based on the actual number of days that erosion control services were provided for on this Project. An authorized day of GESC MANAGER shall be every calendar day that the GESC MANAGER is required to be on-site in order to perform the duties outlined in Subsection 208.03. When the GESC MANAGER is required to work **more than four (4) hours** on any day of the week, the Contractor shall be compensated for a full day at the unit bid price for the GESC MANAGER. When the GESC MANAGER is required to work **four (4) hours or less** on any day of the week, the Contractor shall be compensated for a half day (which is equivalent to 50% of the unit bid price for the GESC MANAGER). The Contractor shall record the tasks that were assigned to the GESC MANAGER. The records shall be submitted to the Engineer, weekly, after completion of the work, for review and approval.

**BASIS OF PAYMENT**

**Subsection 208.12 shall include the following:**

Work to furnish, initial installation, maintain, remove, and dispose of erosion and sediment control features specified in the Contract shall be included in the work for each erosion control item. Removals of temporary BMPs require multiple mobilizations after Final Acceptance. Work to remove failed BMPs, furnish and install new BMPs, as approved by the Engineer, shall be measured, and paid for using original bid prices for each BMP.

Payment will be made under:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Sediment Control Log (12 Inch)	Linear Foot
Concrete Washout Structure	Each
Inlet Protection	Each
Pre-fabricated Vehicle Tracking Pad	Each
Removal and Disposal of Sediment (Labor)	Hour
Removal and Disposal of Sediment (Equipment)	Hour
Sweeping (Sediment Removal)	Hour
Erosion Control Management	Day

**REVISION OF SECTION 208  
 EROSION CONTROL**

**-Continued-**

Construction Marker	Each
Reinforced Rock Berm for Culvert Protection	Each
Stabilized Staging Area	Square Feet

Measurement and payment for these items include all materials, equipment and labor required to install, perform routine maintenance, and remove each of the BMPs, including excavation, subgrade preparation, cleanup and restoration and shall include all items specified in the County GESC Manual and Standard Notes and Details and Construction Plan notes and details.

Payment for Erosion Control Management will be full compensation for the GESC MANAGER duties and responsibilities and all materials and equipment necessary for the GESC Manager to perform the Work.

**No additional payment will be made to Contractor for the development, submittal, and approval process for the Water Control Plan (see Water Control Notes sheet in the GESC Plans).**

Payment for stockpiling additional quantities of BMPs as specified in Subsection 208.04(e) will be in accordance with Subsection 109.07, Payment for Material On Hand (Stockpiled Material) of the Standard Specifications. Payment for removal of any remaining stockpiled materials at the end of the Project will be paid for in accordance to Subsection 109.04 of the Standard Specifications.

**After Final Acceptance, payments for interim silt removal, weed control and mowing, replacement of failed BMPs, re-seeding and mulching, weed control, and mowing will be paid using Erosion Control Force Account, as approved by the Project Engineer. However, after Final Acceptance, any remobilization expenses to replace failed BMP's and perform general maintenance activities, will not be measured, and paid separately, but shall be included in the original unit bid prices for any and all of the items listed above. After Final Acceptance, payment for monthly inspections will not be paid for separately but shall be included in the work.**

**Additionally, the Contractor is responsible for removal of temporary erosion control features as directed by the Engineer. The Contractor shall anticipate this removal work to likely occur after the minimum growth requirements are met. Removal of temporary erosion control features will not be paid separately but shall be included in the original unit prices. All sediment removal is incidental to this final removal work.**

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 210  
RESET STRUCTURE**

**Section 210 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 210.12 is hereby revised to include the following:**

Reset Ground Sign will be measured by each sign reset. The work includes reconstruction of the existing sign, post, and foundation (if any).

**Subsection 210.13 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Reset Mailbox Structure	Each
Reset Ground Sign	Each
Reset Fence	Linear Foot

All labor and materials necessary to remove and reset, or coordinate scheduling for resetting by others, for each pay item above shall be included.

**REVISION OF SECTION 212  
 SEEDING, FERTILIZER, SOIL CONDITIONER, AND SODDING**

**Section 212 of the Standard Specifications is hereby revised as follows:**

**DESCRIPTION**

In Subsection 212.01, delete the second sentence and replace with the following:

The work shall be in accordance with the Douglas County GESC Manual and the GESC Plan Standard Notes and Details.

**MATERIALS**

212.02 SEED, SOIL CONDITIONERS, FERTILIZERS, AND SOD

**Subsection 212.02 is hereby revised to include the following:**

**Seed types and application rates are as follows:**

Unless otherwise shown on the Drawings, all disturbed areas shall be seeded with the Douglas County Permanent Drill Seeding Mix. (PLS = Pure live seed)

Douglas County Permanent Drill Seeding Mix Table

<b>SPECIES</b>	<b>VARIETY</b>	<b>NOTES</b>	<b>% IN MIX</b>	<b>LBS PLS/ACRE</b>
BIG BLUESTEM	KAW	PNWS	10	2.2
YELLOW	CHEYENNE	PNWS	10	2
INDIANGRASS				
SWITCHGRASS	BLACKWELL	PNWS	10	0.8
SIDEOATS GRAMA	VAUGHN	PNWS	10	1.8
WESTERN	ARRIBA	PNCS	10	3.2
WHEATGRASS				
BLUE GRAMA	HACHITA	PNWB	10	0.6
THICKSPIKE	CRITANA	PNCS	10	2
WHEATGRASS				
PRAIRIE SANDREED	GOSHEN	PNWS	10	1.4
GREEN	LODORM	PNCB	10	2
NEEDLEGRASS				
SLENDER	PRYOR	PNCB	5	1.2
WHEATGRASS				
STREAMBANK	SODAR	PNCS	5	1.2
WHEATGRASS				
<b>TOTAL</b>				<b>18.4</b>

-2-

**REVISION OF SECTION 212  
 SEEDING, FERTILIZER, SOIL CONDITIONERS, AND SODDING**

**CONSTRUCTION REQUIREMENTS**

**212.03 SEEDING SEASONS**

**Delete Subsection 212.03 and replace with the following:**

Once construction and ground disturbing activities have been completed, the site must be seeded as conditions and season allow. Seeding (and mulching) shall be completed within thirty (30) days of initial exposure or seven (7) days after grading is substantially complete in a given area (as defined by the County). This may require multiple mobilizations for seeding (and mulching). If seeded areas are not mulched within 24 hours of seeding, then these area will require reseeding prior to mulching.

**212.06 NATIVE SEEDING**

**Delete Subsection 212.06(a) and replace with the following:**

- (a) *Soil Preparation.* All areas to be seeded and mulched shall have native topsoil spread to a depth of at least six (6) inches (loose depth) or an approved soil amendment added to the top six (6) inches of soil. Prior to seeding, the soil shall be thoroughly loosened (tilled) to a depth of at least six (6) inches. Tilling of the soil shall be performed parallel to the contours for erosion control and to promote water infiltration. Haul roads and other compacted areas shall be loosened to a depth of six (6) inches prior to placing topsoil. The top six inches of the seed bed shall be free of rocks greater than four (4) inches and soil clods greater than two (2) inches. Seeding over any compacted areas that have not been thoroughly loosened shall be rejected.

When dry conditions exist, areas to be seeded shall be thoroughly moistened with water and the surface allowed to dry prior to seeding (do not create muddy conditions). Any areas eroded or disturbed after completing the soil preparation, shall be restored to the above conditions prior to seeding.

**Delete Subsection 212.06(c) and replace with the following:**

Refer to the GESC Plan Standard Notes and Details for seeding.

**212.08 BASIS OF PAYMENT**

**Subsection 212.08 is hereby revised to include the following:**

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Seeding (Native)	Acre

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 216  
SOIL RETENTION COVERING**

**Section 216 of the Standard Specifications is hereby revised as follows:**

**DESCRIPTION**

**Delete Subsection 216.01 and replace with the following:**

All work shall be done in accordance with the Douglas County GESC Manual and the GESC Plan Standard Notes and Details. Erosion control blanket, as referred to in the GESC documents, shall mean the same as soil retention blanket.

**MATERIALS**

**Delete Subsection 216.02 (e) and replace with the following:**

(e) *Turf Reinforcement Mat.* Turf Reinforcement Mats (TRM) are not allowed for use in Douglas County.

**BASIS OF PAYMENT**

**Subsection 216.08 is hereby revised to include the following:**

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Soil Retention Blanket (Coconut)(Biodegradable Class 2)	Square Yard

**REVISION OF SECTION 240  
PROTECTION OF MIGRATORY BIRDS  
BIOLOGICAL WORK PERFORMED BY THE CONTRACTOR'S BIOLOGIST**

**Section 240 is hereby added to the Standard Specifications for this Project as follows:**

**DESCRIPTION**

Subsection 240.01 is hereby revised to include the following:

**240.01** This work consists of protecting migratory birds during construction.

**MATERIALS AND CONSTRUCTION REQUIREMENTS**

**Subsection 240.02 is hereby revised to include the following:**

The Contractor shall schedule clearing and grubbing operations to avoid taking (pursue, hunt, take, capture or kill; attempt to take, capture, kill or possess) migratory birds protected by the Migratory Bird Treaty Act (MBTA). The Contractor shall retain a qualified wildlife biologist for this Project. The wildlife biologist shall have a minimum of three years experience conducting migratory bird surveys and implementing the requirements of the MBTA. The Contractor shall submit documentation of the biologist's education and experience to the Project Engineer for acceptance. A biologist with less experience may be used by the Contractor subject to the approval of the Project Engineer based on review of the biologist's qualifications.

The wildlife biologist shall record the location of each protected nest, bird species, the protection method used, and the date installed. A copy of these records shall be submitted to the Project Engineer.

(a) *Vegetation Removal.* When possible, vegetation shall be cleared prior to the time when active nests are present. Vegetation removal activities shall be timed to avoid the migratory bird breeding season which begins on April 1 and runs to August 31. All areas scheduled for clearing and grubbing between April 1 and August 31 shall first be surveyed within the work limits for active migratory bird nests. The Contractor's wildlife biologist shall also survey for active migratory bird nests within 50 feet outside work limits. Contractor personnel shall enter areas outside Douglas County right of way only if a written, signed document granting permission to enter the property has been obtained from the property owner. The Contractor shall document all denials of permission to enter property. The Contractor shall avoid all active migratory bird nests. The Contractor shall avoid the area within 50 feet of the active nests or the area within the distance recommended by the biologist until all nests within that area have become inactive. Inactive nest removal and other necessary measures shall be incorporated into the work as follows:

1. *Tree and Shrub Removal or Trimming.* Tree and shrub removal or trimming shall occur Before April 1 or after August 31 if possible. If tree and shrub removal or trimming will occur Between April 1 and August 31, a survey for active nests shall be conducted by the wildlife biologist within the seven days immediately prior to the beginning of work in each area of tree and shrub removal or trimming. The survey shall be conducted for each phase of tree and shrub removal or trimming.

**REVISION OF SECTION 240  
PROTECTION OF MIGRATORY BIRDS  
BIOLOGICAL WORK PERFORMED BY THE CONTRACTOR'S BIOLOGIST  
(Continued)**

If an active nest containing eggs or young birds is found, the tree or shrub containing the active nest shall remain undisturbed and protected until the nest becomes inactive. The nest shall be protected by placing fence (plastic) a minimum distance of 50 feet from each nest to be undisturbed. This buffer dimension may be changed if determined appropriate by the wildlife biologist and approved by the Project Engineer. Work shall not proceed within the fenced buffer area until the young have fledged or the nests have become inactive.

If the fence is knocked down or destroyed by the Contractor, the Project Engineer will suspend the work, wholly or in part, until the fence is satisfactorily repaired at the Contractor's expense. Time lost due to such suspension will not be considered a basis for adjustment of time charges, but will be charged as contract time.

2. *Grasses and Other Vegetation Management.* Due to the potential for encountering ground nesting birds' habitat, if work occurs between April 1 and August 31, the area shall be surveyed by a wildlife biologist within the seven days immediately prior to ground disturbing activities. The undisturbed ground cover to 50 feet beyond the planned disturbance, or to the right of way line, whichever is less, shall be maintained at a height of 6 inches or less beginning April 1 and continuing until August 31 or until the end of ground disturbance work, whichever comes first.

If birds establish a nest within the survey area, an appropriate buffer of 50 feet will be established around the nest by the CDOT biologist. This buffer dimension may be changed if determined appropriate by the CDOT biologist and approved by the Project Engineer. The Contractor shall install fence (plastic) at the perimeter of the buffer. Work shall not proceed within the buffer until the young have fledged or the nests have become inactive. If the fence is knocked down or destroyed by the Contractor, the Project Engineer will suspend the work, wholly or in part, until the fence is satisfactorily repaired at the Contractor's expense. Time lost due to such suspension will not be considered a basis for adjustment of time charges, but will be charged as contract time.

(b) *This Section is Not Used.*

(c) *Taking of a Migratory Bird.* The taking of a migratory bird shall be reported to the Engineer. The Contractor shall be responsible for all penalties levied by the U. S. Fish and Wildlife Service (USFWS) for the taking of a migratory bird.

**METHOD OF MEASUREMENT**

**Subsection 240.03 is hereby revised to include the following:**

Wildlife Biologist will be measured by the actual authorized number of hours a Wildlife Biologist is on site performing the required tasks.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 240  
PROTECTION OF MIGRATORY BIRDS  
BIOLOGICAL WORK PERFORMED BY THE CONTRACTOR'S BIOLOGIST  
(Continued)**

**BASIS OF PAYMENT**

**Subsection 240.04 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule.

Payment will be made under:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Wildlife Biologist	Hour

Payment for Wildlife Biologist will be full compensation for all work and materials required to complete the item, including wildlife biologist, wildlife survey, and documentation (record of nest location and protection method).

Clearing and grubbing will be measured and paid for in accordance with Section 201. Mowing will not be measured and paid for separately, but shall be included in the work.

Removal and trimming of trees will be measured and paid for in accordance with Section 202.

Fence (Plastic) will be measured and paid for in accordance with Section 607.

**REVISION OF SECTION 304  
 AGGREGATE BASE COURSE**

**Section 304 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 304.02 shall include the following:**

The minimum allowable R-value for Aggregate Base Course shall be 78. The specific gravity for the aggregates shall be greater than 2.4 at the source. The use of crushed reclaimed concrete material under some circumstances may be substituted for natural aggregate for use in roadbed stabilization and all-weather surfaces upon review and written approval of the Engineer. Aggregate Base Course for use in shouldering shall be natural and come from a Douglas County approved source.

**Subsection 304.04 is hereby revised to include the following:**

The Contractor shall place Aggregate Base Course as an All-Weather Surface for all driveways, side streets, and detours as indicated on the Plans or as directed by the Engineer to facilitate phasing. Aggregate Base Course placed as an All-Weather Surface shall be stockpiled, to the extent possible, each day before beginning additional excavation or embankment construction on each driveway, street, or detour. At the end of each shift or when construction activities on each driveway, street, or detour have been completed for the day the Aggregate Base Course All-Weather Surface shall be replaced and additional ABC added as required to maintain the minimum 6-inch thickness.

**Subsection 304.07 is hereby revised to include the following:**

The measurement of Aggregate Base Course (Class 6) installed for the Project will be based on the volume of the Aggregate Base Course as identified in the Plans. No separate measurement or payment will be made for processing and distributing the Aggregate Base Course as directed.

**Subsection 304.08 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u><b>Pay Item</b></u>	<u><b>Pay Unit</b></u>
Aggregate Base Course (Class 6)	Cubic Yard
Aggregate Base Course (Class 6)(All-Weather Surface)	Ton

The contract unit price shall be full compensation for all labor, equipment and material needed to complete the work, (including furnish, placement, fine grading, stockpile and redistribute as required during construction and to remove and incorporate this material into the roadway embankment).

**REVISION OF SECTION 403  
 HOT MIX ASPHALT**

**Section 403 of the Standard Specifications is hereby revised as follows:**

**DESCRIPTION**

**Subsection 403.01 is hereby revised to include the following:**

Hot Mix Asphalt shall conform with Douglas County Roadway Design and Construction Standards, MGPEC Chapter 5 Attachments, and Chapter 8, Roadway Inspection and Testing Procedures: unless otherwise required by State or Federal-aid Projects.

Should discrepancies arise between the Colorado Department of Transportation Standard Specification for Road and Bridge Construction and the Douglas County Roadway Design and Construction Standards, the Douglas County Roadway Design and Construction Standards shall take precedence.

**BASIS OF PAYMENT**

**Subsection 403.05 is hereby revised to include the following:**

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Hot Mix Asphalt (Patching) (Asphalt)	Ton
Stone Matrix Asphalt (1/2") (PG 76-28) (75) (2.5")	Ton
Hot Mix Asphalt (Grading S) (75) (PG 58-28)	Ton

**403.06 QUALITY OF WORK**

**Subsection 403.06 shall be added and shall include the following:**

The Contractor shall provide information verifying pavement thickness prior to placing the subsequent and / or final lift of asphalt by providing cores. The Contractor may submit a surveying Plan to reduce or eliminate the coring requirements. This Plan is subject to the written approval by the Engineer. The information shall be used to develop a final lift paving Plan to ensure that the final pavement section is the minimum specified thickness and meets surface tolerances required by the Contract Documents. The final paving Plan shall be approved by the Engineer.

The pavement sections shown on the Plans represents minimum thickness. The pavement will be accepted for thickness based on coring occurring approximately every 500 linear feet in each travel lane. However, the County may request as many additional cores as it deems necessary in order to verify the actual average thickness of the pavement.

When the measurements of the core from the lot is deficient from the Plan thickness plus tolerance, the extent of deficiency shall be determined by the Contractor providing additional cores at regular intervals to determine the limits of the deficiency. The deficient area(s) shall be corrected or removed and replaced by the Contractor, as approved by the Engineer.

-2-

**REVISION OF SECTION 403**  
**HOT MIX ASPHALT**

A comparison of the actual yield for each day's placement to the theoretical yield. Theoretical yield shall be based on the actual area paved (as identified by stationing), the planned thickness and the actual density of the mixture being placed. The Contractor is responsible for yield verifications during placement of the HMA. No payment will be made for HMA exceeding 2% over Plan quantity, unless field changes are ordered by the Engineer. If field changes are ordered, the quantity will be calculated using the revised dimensions. The Engineer, prior to beginning the work, shall approve the additional or reduced volume of HMA in writing.

The criteria used to determine satisfactory work shall be all of the following:

- (a) Ninety percent (90%) of core tests must meet or exceed design HMA thickness.
- (b) Average of all core tests must meet or exceed design HMA thickness.
- (c) All core test thickness must exceed design HMA thickness minus 1/4".

If all these criteria are not met, additional core tests or approved non-destructive testing, at the expense of the Contractor, may be required to further delineate the area(s) of unsatisfactory work which will require correction prior to acceptance.

Pay quantities for HMA in areas delineated by core testing found to be in excess of 1/4" of the design HMA thickness (affected area) will be deducted using the following formula:

$$\text{Pay quantity deduction (tons)} = \frac{(\text{HMA volume (cf)} \times \text{HMA design weight (pcf)})}{2,000}$$

HMA volume = (Avg. HMA thickness in affected area minus design HMA thickness + 1/4") x (full pavement width x length of affected area).

In the areas where test thickness (cores) does not exceed design HMA thickness minus one-quarter of an inch (1/4"), corrective action shall be performed by the Contractor as follows:

- (a) Provide a roto-milled, tapered transition at both ends of the identified unsatisfactory area(s) in order to provide for a full depth overlay, where the minimum overlay thickness (depth) shall not be less than one-inch (1").
- (b) The areas of unsatisfactory work that require corrective action shall be milled full width and receive a minimum one-inch (1") overlay utilizing Hot Mix Asphalt (Grading SX) (75) (PG 64-22).
- (c) The Contractor shall provide sufficient material, is responsible for restoring the roadway cross-slope and longitudinal grades established in the Contract Documents, and for providing the necessary traffic control, re-striping and re-shouldering to complete the work.

The corrective action required by the Engineer shall not be measured and paid for separately but shall be completed at the Contractor's expense.

**ADDENDUM NUMBER 1 – DATED JANUARY 22, 2026**  
**REVISION OF SECTION 420**  
**GEOSYNTHETICS**

**Section 420 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 420.01 shall include the following:**

This work includes furnishing and installing geosynthetic material over unstable subgrade materials in accordance with these Specifications and the details shown on the Plans.

**Subsection 420.02 shall include the following:**

Geotextile (Reinforcement) shall meet the requirements of Subsection 712.08, including Table 712-3.

**Tensar InterAx NX750** or equivalent (as approved by engineer) shall be an acceptable geosynthetic product for this work.

The aggregate fill to be placed over the top of the geosynthetic material shall meet all of the Specifications of Aggregate Base Course (Class 6).

**Subsection 420.07 shall be deleted and replaced with the following:**

Geotextile (Reinforcement) shall be installed as follows:

**Geotextile (Reinforcement) shall be installed in accordance with the manufacturer's specifications**

**Subsection 420.10 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Geogrid Pavement Reinforcement	Square Yard
Geotextile (Erosion Control) (Class 1)	Square Yard

All work and materials necessary for placement shall not be paid for separately but shall be included in the work.

Geotextile that is damaged after placement shall be removed and replaced at the Contractor's expense.

**REVISION OF SECTION 506**  
**SOIL RIPRAP**

**Section 506 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 506.02 shall be modified to include the following:**

Existing riprap removed during construction may be reused for “soil riprap” if it is free from deleterious materials and satisfies the Specifications herein as determined by the Engineer.

**Soil Riprap does not have an underlying layer of filter material or geotextile.**

**Subsection 506.03 shall be modified to include:**

Elevation tolerance for the soil riprap shall be 0.10 feet. Thickness of soil riprap shall be no less than thickness shown and no more than 2-inches greater than the thickness shown.

Where “Soil Riprap” is designated on the Contract Drawings, riprap voids are to be filled with native soil material. The riprap and soil shall be installed and compacted so that a dense, interlocked layer of riprap is provided with riprap voids filled completely with soil. Segregation of materials shall be avoided and in no case shall the combined material consist primarily of soil; the density and interlocking nature of riprap in the mixed material shall essentially be the same as if the riprap was placed without soil. The soil riprap shall be installed in 2 layers. The bottom layer of riprap shall be placed and then native soil added to fill the riprap voids. The second riprap layer shall be placed in a manner such that it interlocks with the lower riprap layer. Native soil shall be placed over the second layer to completely fill the riprap voids. A surface layer of moist topsoil shall be placed over the soil riprap (“buried soil riprap”) according to the thickness specified on the Contract Drawings (minimum of 4 inches thick if not specified otherwise). The topsoil surface layer shall be compacted to approximately 85% of maximum density and within two percentage points of optimum moisture in accordance with ASTM D698. Topsoil shall be added to any areas that settle.

The Contractor shall install a test section of at least 60 square feet of soil riprap for the review and approval of the Engineer prior to installation of the remaining soil riprap.

Alternative methods of placing soil riprap such as pre-mixing soil (30%) and riprap (70%) may be considered, at the approval of the Engineer.

**Subsection 506.04 shall be modified to include:**

Excavation for soil riprap and soil material used in riprap voids shall not be measure and paid for separately but will be considered part of the work.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**-2-  
REVISION OF SECTION 506  
SOIL RIPRAP**

**Subsection 506.05 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Grouted Riprap	Cubic Yard
Riprap (12 Inch)	Cubic Yard
Soil Riprap (9 Inch)	Cubic Yard
Grouted Boulders (24 Inch)	Cubic Yard

**REVISION OF SECTION 603**  
**CULVERTS AND SEWERS**

**Section 603 of the Standard Specifications is hereby revised for this Project as follows:**

**MATERIALS**

**Subsection 603.02 is hereby revised to include the following:**

Reinforced concrete pipe shall be manufactured from concrete that meets the requirements for severity of sulfate exposure Class 2 specified in Subsection 601.04.

The provision in the General Notes for Standard Plan M-603-2, which allows the use of non-reinforced concrete pipe in lieu of reinforced concrete pipe, is deleted.

All storm sewer pipe shall be reinforced concrete pipe, class III, unless noted otherwise in the Plans.

In addition to any deficiencies covered by the applicable AASHTO & ASTM Specifications, concrete pipe, which has any of the following visual defects, will not be accepted.

- (1) Porous spots on either the inside or the outside surface of a pipe having an area of more than 10 square inches and a depth of more than 1/2 inch.
- (2) Pipe which has been patched to repair porous spots, cracks, or other defects, when such patching was not approved by the Engineer.
- (3) Exposure of reinforcement when such exposure would indicate that the reinforcement is misplaced.
- (4) Pipe that has been damaged during shipment or handling, even if previously approved before shipment.

Acceptance of the pipe at the point of delivery will not relieve the Contractor of full responsibility for any defects in material or workmanship of the completed pipeline.

**Subsection 603.021 is hereby added and includes the following:**

The Contractor may replace the reinforced concrete pipes, (with diameters up to 30-inches), as shown in the Plans, with Polypropylene pipes as follows:

***Polypropylene Pipes*** Replacement pipes shall be in compliance with material requirements and minimum and maximum fills for various pipe diameters shown in M-603-4 and the Douglas County Approval Letter for conditional approval for HP storm polypropylene pipe. Contractor is responsible for ensuring compatibility of the alternative pipes with the Plans and Specifications. The Contractor shall prepare a submittal showing the appropriate installation of the alternative pipe in accordance with the Plans and Specifications.

Replacement of Reinforced Concrete Pipe with Polypropylene Pipe for culverts and storm sewer runs with fewer than two structures, inlets or manholes, will not be allowed. End Sections will not be counted as the two structures. Culverts or storm sewer runs not having the minimum of two intermediate structures will require Reinforced Concrete Pipe for the full length.

**-2-**

**REVISION OF SECTION 603**  
**CULVERTS AND SEWERS**

**CONSTRUCTION REQUIREMENTS**

**Subsection 603.03 shall be revised to include the following:**

The Contractor shall clean all existing and proposed drainage structures and connecting pipes (including existing appurtenances within Project limits) in accordance with Revision of Section 202 Clean Culvert/Inlet.

**Subsection 603.04 shall be revised to include the following:**

No open trench for storm sewers, culverts, or other pipeline construction shall be left exposed during non-working hours by the Contractor.

Any trench excavation that is made in advance of pipe or structure installation shall be utilized by placing pipe and backfilling during the same working shift. If any open trench remains after pipe laying or structure construction takes place, the trench shall be backfilled or adequately protected with construction fencing at the Contractor's expense prior to the time that the Contractor's work stops, and the site is vacated.

The length of trench permitted to be open at any one time may be limited when such limitation is necessary for the safety and convenience of the public. All excavation, trenching, shoring, and stockpiling of excavated materials shall be in strict compliance with the applicable OSHA rules and regulations.

Some culverts and sewers are to be constructed under and near existing utilities which shall be protected in place. The work of protecting the utilities during construction of culverts and sewers may include but is not limited to: hand digging, vacuum excavation, temporary shoring, and bracing of existing utilities in open trench. This work shall not be paid for separately but is included in the cost of the work.

**Subsection 603.06 is hereby revised to include the following:**

When plugs are specified on the Plans, or when temporary plugs are needed to accommodate construction phasing, they shall be precast concrete or match the pipe material being plugged.

The Contractor shall install trace wire for all new storm sewer to be installed per SEMSWA Trace Wire Details.

**Subsection 603.07 is hereby revised to include the following:**

The Contractor shall use rubber gasketed joints conforming to ASTM C443 in all reinforced concrete storm sewer pipe work. All joints shall be constructed in such a manner that the alignment and flow line grade of the bottom of the pipe is accurately maintained.

**-3-**

**REVISION OF SECTION 603  
CULVERTS AND SEWERS**

**METHOD OF MEASUREMENT**

**Subsection 603.12 is hereby revised to include the following:**

Cleaning all existing and proposed drainage structures and connecting pipes in accordance with Revision of Section 202 Clean Culvert/Inlet will not be measured and paid for separately but shall be included in the work.

At the end of each workday, the Contractor shall place at the ends of the storm sewer pipe runs, plywood, sandbags, or implement other measures to prevent sediment and other debris from entering pipe runs that are under construction according to SEMSWA GESC Standard Notes and Details or at the direction of the Project Engineer. This shall be considered incidental to pipeline construction and will not be paid for separately.

Installation and removal of plugs (temporary or permanent) will not be measured and paid for separately but shall be included in the work.

Toe walls and joint fasteners shall be included in the cost of the End Sections and not be paid for separately.

Pipe collar and cap shall be included in the cost of the pipe and not be paid for separately.

Measurement for reinforced concrete pipe, corrugated metal pipe, polyvinyl chloride pipe, and polypropylene pipe will be measured by the horizontal length in linear feet, completed in accordance with the Contract Documents, and accepted by the County.

**Subsection 603.12 is hereby revised to include the following:**

The unit price bid for reinforced concrete pipe, corrugated metal pipe, polyvinyl chloride pipe, and polypropylene pipe shall include excavation, furnishing and installing the pipe, furnishing and installing bedding material, trace wire and installation, backfill, compaction, compaction testing, and all other related and necessary materials, labor and equipment required to do the Work in accordance with the Contract Documents.

-4-

**REVISION OF SECTION 603  
 CULVERTS AND SEWERS**

**BASIS OF PAYMENT**

**Subsection 603.13 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
18 Inch Reinforced Concrete Pipe (Complete In Place)	Linear Foot
24 Inch Reinforced Concrete Pipe (Complete In Place)	Linear Foot
30 Inch Reinforced Concrete Pipe (Complete In Place)	Linear Foot
96 Inch Reinforced Concrete Pipe (Complete In Place)	Linear Foot
23X14 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	Linear Foot
38X24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	Linear Foot
12 Inch Corrugated Steel Pipe	Linear Foot
18 Inch Corrugated Steel Pipe	Linear Foot
18 Inch Reinforced Concrete End Section	Each
24 Inch Reinforced Concrete End Section	Each
23X14 Inch Reinforced Concrete End Section Elliptical	Each
38X24 Inch Reinforced Concrete End Section Elliptical	Each
12 Inch Steel End Section	Each
18 Inch Steel End Section	Each

**REVISION OF SECTION 604  
MANHOLES, INLETS, AND METER VAULTS**

**Section 604 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 604.02 Materials shall include the following:**

The structure sizes shown on the Plans for all inlets and manholes are based on the use of a cast-in-place structure. Precast structures are allowed for non-special structures, as approved by the Project Engineer, and in conformance with the provisions of subsection 604.04.

**Subsection 604.03 Excavation shall include the following:**

Some manholes, inlets, and meter vaults are to be constructed near existing utilities which shall be protected in place. The work of protecting the utilities during construction of culverts and sewers may include but is not limited to: hand digging, vacuum excavation, temporary shoring, and bracing of existing utilities in open trench. This work shall not be paid for separately but is included in the cost of the work.

**Subsection 604.04(b) Manholes shall include the following:**

The Contractor shall ensure that all rims match the proposed grades, for both precast and cast-in-place inlets and manholes. If field conditions are not as anticipated, required modifications to all precast structures shall be at the Contractor's expense.

The Contractor shall set all manhole rings and covers and valve boxes 1/8 - 1/4 inch below the finished grade of the paved surface to match cross slope and profile. The final adjustment shall be made prior to the top lift of pavement being placed. The Contractor shall adjust manhole rings and covers and valve boxes, up or down, as needed during phased construction of pavement where traffic will be required to utilize interim paved surface.

All manholes shall have a minimum five foot inside diameter.

**Subsection 604.04(c) Inlets shall include the following:**

Precast inlets are allowed, as approved by the Project Engineer. The Contractor shall ensure that all tops, rims and gutter sections shall be cast-in-place to match road profile, cross-section, and field conditions. The Contractor shall verify field conditions prior to ordering precast structures; any required modifications to precast structures will be at the Contractor's expense.

Inlet lip of gutter elevations shall be controlled by profile grade line and/or curb line profile elevations as shown in the Plans.

**Subsection 604.05 Backfilling shall include the following:**

Wherever new drainage structures are to be constructed on existing pipes, the existing pipe within the new structure shall be removed and pipe adjacent to the new structure shall be relayed, as shown on the Plans. The removal or relaying of pipe connecting to new structures will not be measure and paid for separately but shall be included in the work.

-2-

**REVISION OF SECTION 604  
 MANHOLES, INLETS, AND METER VAULTS**

**Subsection 604.06 first paragraph is hereby deleted and replaced with the following:**

Manholes and inlets will be measured by the complete unit including ring and cover, grating and frames, trash racks, well screen, perforated plate and structural steel channels, welding, and mounting hardware.

Adjustment of manhole rings and covers and valve boxes to grade to accommodate phasing will not be measured and paid for separately but shall be included in the work.

**Subsection 604.07 second paragraph is hereby deleted and replaced with the following:**

If the use of precast inlets and manholes requires an increase in the structure size denoted on the Plans, the cost associated with an increase in structure size due to the use of precast structures shall be included in the work.

**Subsection 604.07 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Inlet Type C (5 Foot)	Each
Inlet Type C (10 Foot)	Each
Inlet Type D (5 Foot)	Each
Inlet Type D (10 Foot)	Each
Inlet Type 13 (10 Foot)	Each
Inlet Type 16 (Double) (10 Foot)	Each
Inlet Type 16 (Triple) (10 Foot)	Each
Inlet Type R L5 (5 Foot)	Each
Inlet Type R L5 (10 Foot)	Each
Inlet Type R L10 (5 Foot)	Each
Inlet Type R L10 (10 Foot)	Each
Inlet Type R L10 (15 Foot)	Each
Manhole Slab Base (5 Foot)	Each
Manhole Slab Base (10 Foot)	Each
Manhole Box Base (10 Foot)	Each
Manhole Box Base (15 Foot)	Each
Manhole Box Base (20 Foot)	Each

Payment for inlets and manholes shall include, but is not limited to: excavation, shoring, subgrade preparation, disposal of excess excavated material, furnishing and installing reinforcing steel and concrete, forming, finishing, curing, backfill and compaction, and metal fabrication and installation, including construction of the curbing behind the curb boxes / curb box beam; and extension of existing pipe to connect to the existing storm sewer system.

Payment shall be made at the applicable Contract unit price and shall include full compensation for all labor, equipment, materials, and all other appurtenant items to complete the work.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 604  
INLET TYPE D (SPECIAL)**

**Section 604 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 604.04 (c) shall include the following:**

The Inlet Type D (Special) shall be constructed as shown in the details and other information provided in the Plans.

**Subsection 604.07 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Inlet Type D (Special)	Each

Inlet Type D (Special) shall be constructed per the detail shown in the Contract Plans.

**REVISION OF SECTION 607  
FENCE**

**Section 607 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 607.03 shall include the following:**

Construction of Fence Wood Railing shall match existing in-place materials and types and shall be installed per manufacture’s Specifications and details. The Contractor shall document existing fence type, material, and condition and provide copies of documentation to the Engineer prior to removal.

Construction of Fence Combination Wire with Metal Posts shall be per CDOT M Standard.

Construction of Fence (Special) shall match existing in-place materials and type and shall be installed per manufacture’s Specifications and details. The Contractor shall document existing fence type, material, and condition and provide copies of documentation to the Engineer prior to removal.

Fence (Plastic) shall be installed where directed by the Engineer for the purposes of defining the construction limits, protecting vegetation, preventing unauthorized access into the construction site, or other reasons deemed necessary by the Engineer.

The Contractor shall submit details for fence and gates to the engineer prior to work. Fence and gates may not be installed until fence and gate details are approved.

**Subsection 607.04, paragraphs 3-10 shall be deleted and replaced to include the following:**

Posts will not be measured separately but shall be included in the work.

**Subsection 607.05 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Fence Combination Wire with Metal Posts	Linear Foot
Fence Wood Railing	Linear Foot
Fence (Plastic)	Linear Foot
Fence (Special)	Linear Foot

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 609  
CURB AND GUTTER**

**Section 609 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 609.01 shall include the following:**

Gutter (Special) is the gutter associated with the EDB South Concrete Trickle Channel and the EDB North Rectangular Weir.

**Subsection 609.03 shall include the following:**

Gutter (Special) shall be constructed per the drainage details in the Plans.

**Subsection 609.07 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Curb and Gutter Type 2 (Section I-B)	Linear Foot
Curb and Gutter Type 2 (Section II-B)	Linear Foot
Gutter (Special)	Linear Foot
Gutter Type 2 (10 Foot)	Linear Foot

Payment for Gutter (Special) shall be full compensation for all work and materials required to complete the item as detailed in the Plans.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 610  
MEDIAN COVER MATERIAL**

**Section 610 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 610.02 shall include the following:**

Median Cover Material shall be patterned concrete as shown in the Plans.

**Subsection 610.03 shall include the following:**

Median Cover Material shall be constructed per Douglas County Roadway Design & Construction Standards.

**Subsection 610.04 shall include the following:**

Median Cover Material shall be measured by the square foot of surface placed and accepted.

**Subsection 610.05 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Median Cover Material (Patterned Concrete)	Square Foot

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 612  
DELINEATORS AND REFLECTORS**

**Section 612 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 612.03 is hereby revised to include the following:**

All work shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

The Contractor shall install a marker at each traffic pull box. Douglas County will supply the Marker for each installation.

**Subsection 612.05 is hereby revised to include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Install Marker	Each
Delineator (Type I)	Each

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 613  
PULL BOXES**

**Section 613 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 613.07 shall include the following:**

Pull Boxes shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 613.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Pull Box (Type 1)	Each
Pull Box (Type 2)	Each
Pull Box (Type Vault)	Each

**REVISION OF SECTION 613  
LIGHTING**

**Section 613 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 613.01 shall include the following:**

This work consists of furnishing and installing street name signs at the locations noted on the Plans.

**Subsection 613.03 shall include the following:**

Street name signs shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 613.06 shall include the following:**

Luminaires shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 613.07 shall include the following:**

Conduit shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 613.08 shall include the following:**

Wiring shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 613.09 shall include the following:**

Meter power pedestals shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**-2-  
 REVISION OF SECTION 613  
 LIGHTING**

**Subsection 613.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u><b>Pay Item</b></u>	<u><b>Pay Unit</b></u>
PVC Conduit 2" Trenched	Linear Foot
PVC Conduit 2" Bored	Linear Foot
Common Trench	Linear Foot
Common Bore	Linear Foot
PVC Conduit 2" (Within Common Trench)	Linear Foot
PVC Conduit 3" (Within Common Trench)	Linear Foot
PVC Conduit 2" (Within Common Bore)	Linear Foot
PVC Conduit 3" (Within Common Bore)	Linear Foot
Street Name Sign (Aluminum)	Each
Wiring	Lump Sum
Luminaire (LED)	Each
Meter Power Pedestal	Each

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 614  
SIGNAL HEAD BACKPLATES**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 614.08 (j) shall include the following:**

Signal Head Backplates shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Section 614.13 shall include the following:**

Signal Head Backplates will be measured per each.

**Subsection 614.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Signal Head Backplates	Each

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 614  
MICROWAVE RADAR VEHICLE DETECTION SYSTEM**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 614.08 (d) shall include the following:**

Microwave Radar Vehicle Detection System shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

Microwave Radar Vehicle Detection System shall be “Wavetronix” and 112 cards is required for the 170E Controller.

**Section 614.13 shall include the following:**

Microwave Radar Vehicle Detection System will be each.

**Subsection 614.14 shall include the following:**

Microwave Radar Vehicle Detection System includes complete installation for all intersection legs.

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Wavetronix Microwave Radar Vehicle Detection System (With 112 Cards for 170E Controller)	Each

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 614  
TRAFFIC SIGNAL CABINET, CONTROLLER AND CABINET EQUIPMENT**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 614.08 (c) shall include the following:**

Traffic Signal Cabinet, Controller and cabinet equipment shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

The traffic signal controller cabinet shall be commander ATC Type Controller

The controller cabinet shall be a 332D cabinet painted CDOT silver with an anti-graffiti coating and a painted white interior. The Controller cabinet shall be installed such that, with the front door open, a technician can view both the controller and the signal operations. Cabinet base shall be approved polymer concrete.

**Section 614.13 shall include the following:**

Traffic Signal Controller Cabinet and Traffic Signal Controller will be measured per each.

**Section 614.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Signal Controller Cabinet (332D) (With Aux Output File)	Each
Traffic Signal Controller (Econolite Cobalt/EOS Rackmount)	Each

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 614  
TRAFFIC SIGNAL UNINTERRUPTED POWER SOURCE**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 614.08 shall include the following:**

Traffic Signal Uninterrupted Power Source shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

Unless otherwise indicated, an uninterruptable power source (UPS) shall be installed. Documentation and Warranty The manufacturer shall furnish the owner with an instruction manual covering the installation, operation and maintenance of the UPS and batteries.

**Section 614.13 shall include the following:**

Uninterrupted power supply will be measured per each.

**Section 614.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Uninterrupted Power Source (ecnolite supercap 48V system)	Each

**REVISION OF SECTION 614  
 FIBER OPTIC**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 614.10 shall include the following:**

Fiber Optic Cables and Ethernet Switch shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Section 614.13 shall include the following:**

Test Fiber Optic Cable will not be measured but shall include all testing as required by Douglas County Traffic Signal Specifications.

Fiber Optic Cable (Single Mode) (72 Strand) will be measured per linear foot.

Splice Fiber Optic Cable (72 Strand) will be measured and paid for by the actual number of splices performed and accepted and shall include all associated labor, materials and equipment required to complete the work.

Ethernet Switch will be measured per each.

**Subsection 614.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Test Fiber Optic Cable	Lump Sum
Fiber Optic Cable (Single Mode) (12 Strands)	Linear Foot
Fiber Optic Cable (Single Mode) (24 Strands)	Linear Foot
Fiber Optic Cable (Single Mode) (72 Strands)	Linear Foot
Splice Fiber Optic Cable (72 Strand)	Each
Ethernet Switch	Each
Fiber Splice Enclosures (Coyote Dome)	Each

**REVISION OF SECTION 614  
 TRAFFIC CONTROL DEVICES**

**Section 614 of the Standard Specifications is hereby revised for this Project as follows:**

All work shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G), the Douglas County Traffic Signal Specifications (Appendix F), and the Douglas County Standard Signal Details.

**Subsection 614.02 shall include the following:**

Conflict Monitor shall be 2010 EClip.

**Subsection 614.14 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u><b>Pay Item</b></u>	<u><b>Pay Unit</b></u>
Traffic Signal Head, 3-Section, 12" Lenses	Each
Traffic Signal Head, 3-Section, 12" Lenses (Arrow)	Each
Traffic Signal Head, 4-Section, 12" Lenses (Arrow/Circular)	Each
Emergency Preemption Detector	Each
Emergency Preemption Discriminator Card (Type 764)	Each
Traffic Signal Light Pole, 25' Mast Arm	Each
Traffic Signal Light Pole, 30' Mast Arm	Each
Traffic Signal Light Pole, 35' Mast Arm	Each
Traffic Signal Light Pole, 45' Mast Arm	Each
Traffic Signal Light Pole, 50' Mast Arm	Each
Traffic Signal Light Pole, 60' Mast Arm	Each
Conflict Monitor (EClip)	Each
PTZ/UFO Camera System	Each
24 Port Panduit Fiber Tray with ST Connectors	Each
Mule Tape	Linear Foot
Tracer Wire	Linear Foot
Sign Panel (Class 1)	Each
Steel Sign Post (2X2 Inch Tubing)	Each

**REVISION OF SECTION 620  
FIELD FACILITIES**

**Section 620 of the Standard Specifications is hereby revised for this Project as follows:**

**MATERIALS**

**Subsection 620.02 shall include the following:**

The Field Office is to be a Class 2 or suitable Office Space as approved by the Project Engineer. The Field Office shall have operational heating and air conditioning. The Office shall include a minimum of four (4) parking spaces exclusive for Douglas County personnel.

**Print and Copy Machine:** The print and copy machine provided shall be capable of scanning and printing 11"x17" plan sheets. The Contractor shall install and maintain the copy machine in the Field Office. Should the copy machine require repair and be out of service for more than 24 hours, a like replacement shall be supplied within two (2) working days.

**Internet Connection:** The Contractor is responsible to provide and maintain an internet connection that is capable of handling at least eight (8) personal computers. This internet connection shall include wired ethernet connections to each desk and wireless internet capabilities.

**Water Cooler:** The Contractor shall provide a bottled water cooler, which dispenses both hot and cold water and a sufficient supply of bottled water for the Douglas County and Contractor personnel on the job site.

**CONSTRUCTION REQUIREMENTS**

**Subsection 620.06 shall include the following:**

The Field Office is for the shared use of Douglas County and Contractor personnel. One of the offices in the Field Office shall be exclusively for the use of Douglas County Personnel including consultants.

Security of the Field Office is the sole responsibility of the Contractor. The ability to access the Field Office shall be provided to Douglas County Personnel at all times during the Project.

**Subsection 620.07 shall include the following:**

The Contractor shall provide and maintain the Field Office in good working condition. Replacement equipment due to breakdown, damage, or theft shall be replaced within two (2) working days.

The Field Office and all other related items shall remain in service from ten (10) days after the Notice to Proceed until final Project acceptance.

**Subsection 620.08 shall be replaced with the following:**

The various facilities, complete with utilities, will be measured and paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**REVISION OF SECTION 620**  
**FIELD FACILITIES**  
**-Continued-**

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Field Office (Class 2)	Each
Sanitary Facility	Each

Payment will be full compensation for Field Laboratory (Class 2), including all appurtenant items specified in the Contract.

**REVISION OF SECTION 621**  
**DETOUR PAVEMENT**

**Section 621 is hereby added to the Standard Specifications for this Project and shall include the following:**

**DESCRIPTION**

**621.01 This work consists of constructing asphalt pavement transitions, temporary pavement, and detours as shown on the Plans.**

**MATERIALS**

621.02 The Contractor shall be responsible for quality control required to assure adequate quality of hot mix asphalt pavement and aggregates used in the pavement. Hot mix asphalt detour pavement shall conform to Hot Mix Asphalt (Grading S)(75)(PG 58-28). Concrete Pavement may be allowed for Detour Pavement on this Project with prior approval from the Project Engineer.

**CONSTRUCTION REQUIREMENTS**

621.03 The detour pavement locations shall be as shown on the Plans. The minimum thickness of hot mix asphalt shall be six (6) inches, unless shown otherwise in the Plans in which case the Plan thickness will be used instead. The limits shown in the Plans in square yards are approximate. If the Contractor anticipates deviating from the concept shown on the Plans and it requires more square yards, the Project Engineer will need to review and approve before detour pavement is placed. If the materials used require that the Contractor provide thickness greater than minimum to serve the life of the detour pavement, these shall be provided at no additional cost. The Contractor shall remove the detour pavement when it is no longer needed to maintain traffic.

The detour pavement construction shall include grading, sawing existing pavement and pavement appurtenances, compacted and moisture treated embankment and/or excavation material, hot mix asphalt, concrete pavement, emulsified asphalt for tack coat, epoxy pavement marking, irrigation removal, tree trimming and other items of work necessary for the construction of detour pavement. The removal of the Detour Pavement shall be accomplished in accordance with the applicable sub-sections of Section 202. The Contractor shall construct temporary ditches, temporary culvert pipe, and maintain existing storm sewer necessary for the control of storm drainage, including maintaining existing inlets.

The Contractor shall be responsible for ensuring all embankment construction for Detour Pavement is constructed in accordance with applicable portions of Section 203 Standard Specifications for Road and Bridge Construction and current Standard Special Provisions.

The Contractor shall provide smooth pavement transitions between new and existing roadways. Transverse joints between new and existing pavement shall be constructed with Hot Mix Asphalt. Grade differences shall not exceed 4 percent break-over. Transverse joint tapers shall be 20' horizontal to 1" vertical or flatter. Longitudinal joints which have a vertical drop-off shall be tapered with Hot Mix Asphalt. Tapers shall be 8 horizontal to 1 vertical or flatter.

**REVISION OF SECTION 621  
DETOUR PAVEMENT**

-Continued-

If the material and thickness furnished for the detour pavement result in an inadequate detour structure, the Contractor will provide additional thickness, materials, or other measures necessary to provide a satisfactory pavement for the life of the detour. These additional improvements shall be furnished at no additional cost. All necessary signs, pavement markings and other traffic control devices shall be provided in accordance with the traffic control Plan.

**MAINTENANCE OF DETOUR**

621.04 The Contractor shall maintain the detour pavement for the entire period that it is open to traffic. Any distress which affects the ride or serviceability of the pavement shall be corrected to the satisfaction of the Project Engineer at the expense of the Contractor.

The Contractor shall have a maintenance Plan for all hours of the day (7 days a week) for executing a long-term patch of damaged detour pavement and have forces available to perform this work within 2 hours of notice of such damage. The Contractor shall designate a person to be "on call" during all non-working hours, including no work periods as a point of contact for this work. Maintenance and repair of prior installed detour pavement shall be at the expense of the Contractor which includes the cost of removal, replacement, saw cutting, patching, and mill and filling joint failures or potholes.

If the Project Engineer determines that the detour has deteriorated to the point where safety of the traveling public is compromised (i.e. potholes), the lane(s) in question shall be closed and the Contractor shall be directed to execute their maintenance Plan immediately. If the Contractor is unresponsive to this order by the Project Engineer, Douglas County Maintenance forces will be mobilized to close the lane and maintain the closure until such time as the Contractor is available to perform this work. Douglas County Maintenance forces will be responsible for the lane closure only, and only until such time as the Contractor arrives on site and relieves them. Douglas County Maintenance will not be responsible for repairing any of the contract installed detour. All time and expense for Douglas County Maintenance work will be tracked by the Project Engineer and deducted from money due to the Contractor. If Douglas County Maintenance forces are required to mobilize to provide corrective work, a minimum fee of \$5,000 will be assessed in addition to the other cost to perform the work. Any lane closures that are required outside of the allowable lane closure hours will be charged as a 'working time violation' as established in this contract.

**METHOD OF MEASUREMENT**

621.05 The detour pavement shall be paid for at the bid price per square yard of completed pavement including all lifts. Separate measurement and payment by lift will not be made.

**BASIS OF PAYMENT**

621.06 The accepted quantities will be paid for at the contract unit price for each of the pay items listed below that appears in the bid schedule.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 621**  
**DETOUR PAVEMENT**

-Continued-

**Pay Item**

Detour Pavement

**Pay Unit**

Square Yard

Payment for the detour pavement will be full compensation for all work and materials required to complete, maintain and remove the item, including but limited to design, grading, excavation and/or embankment material, sawing existing pavement, aggregate base course, hot mix asphalt pavement, pavement marking paint, tree trimming maintenance, and removal. Costs to install, maintain, and remove steel traffic plates as required will not be measured separately, but shall also be included in the work.

**REVISION OF SECTION 625  
CONSTRUCTION SURVEYING**

**Section 625 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 625.01 shall include the following:**

Prior to the start of construction, a pre-survey conference for construction surveying shall be held. The required attendance includes members of the design team, Project Engineer, Project Inspectors, Contractor's superintendent, and the Contractor's surveyor (licensed PLS or PE). The pre-survey conference provides an opportunity to discuss the pre-construction and construction surveys and their respective tolerances, to review the construction Plans and associated survey work, and to address any questions that may arise.

**Subsection 625.03 shall include the following:**

Various as-built surveys may be requested by the Engineer to verify existing field conditions and previously constructed items including but not limited to pavement surfaces, subgrade, sign structures, caissons, drainage structures, traffic control devices, etc. The Contractor shall provide the Engineer copies of their field books and final coordinates and elevations of any as-built surveys and shall make the necessary adjustments to tie Plan data into field conditions. Any as-built surveys requested by the Engineer shall be measured and paid for on an hourly basis.

**Subsection 625.04 is hereby revised to include the following:**

All surveying staking required for this Project shall be provided by the Contractor. Any additional survey information required by the Contractor shall be requested in writing at least five (5) working days prior to when it is needed. There shall be no additional compensation beyond the lump sum for Construction Surveying to the Contractor for time lost due to requesting additional information.

All survey staking destroyed by the Contractor will be replaced at the Contractor's expense. The Contractor, at the Contractor's expense, shall replace all survey staking destroyed by vandalism or destroyed by any other reason. All existing survey monuments and property corners located inside and outside of the Project limits, as defined on the Plans by the right-of-way, permanent easements and temporary easements, that are damaged or destroyed by the Contractor shall be replaced at the Contractor's expense.

**625.05 STAKING**

**Subsection 625.05 is hereby deleted and replaced with the following:**

As a minimum, the Contractor for this Project shall provide the following staking:

**Control:**

Location of horizontal and vertical control points shall be provided at approximately 1,000-foot intervals at a maximum. Monuments shall be set outside the limits of construction, but within the Project Limits as defined on the Plans.

**Removals:**

Provide limits of all removals as required.

**REVISION OF SECTION 625  
 CONSTRUCTION SURVEYING  
 -Continued-**

**Excavation and Embankment:**

One set of slope stakes at 50-foot intervals (stations) on each side of the road. Slope stakes and/or temporary fence stakes will be used to define the limits of disturbance within the temporary construction easements.

**Provide Moisture Conditioned and Recompacted Subgrade Area:**

Provide correction stakes at the top of the moisture conditioned and recompacted subgrade area. Provide blue tops on 50-foot stations at completed subgrade to confirm the correct roadway grade.

**Storm Drainage:**

One set of offset stakes for the construction of storm drains, crossings, and culverts. “As Built” information is required on all manholes, inlets, and end sections, including station, offset, flowline and rim elevations.

**Bluetop Paving Stakes:**

Provide blue top paving stakes on 25-foot stations for pavement subgrade after completion of the subgrade preparation. Blue tops shall be set on centerline and the edge of pavement on both sides of the roadway. These blue tops will remain in place to be used for the paving operation.

**Fences and Guardrail:**

Provide one set of stakes at 100-foot stations and angle points for the construction of fence locations (including gates). Contractor is responsible for fine-tuning the location of fence so that it is compatible with installing gates. Provide offset stakes for all guardrail including radii and curve PC/PT points as required.

**Curb and Gutter:**

Provide offset stakes for all curb and gutter including all radii and curve PC/PT points as required.

**Signs and Striping:**

Provide stakes for the layout of signs and striping.  
 As-built road centerline and culverts.

**Delineators:**

Provide one offset stake for locating delineators.

**Subsection 625.13 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Construction Surveying	Lump Sum
Construction Surveying (Hourly)	Hour

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**REVISION OF SECTION 626  
MOBILIZATION**

**Section 626 of the Standard Specifications is hereby revised as follows:**

**DESCRIPTION**

**Subsection 626.01 is hereby revised to include the following:**

Multiple mobilizations may be required for several items including, but not limited to, the structures, excavation, backfill, grading, topsoil, and seeding, mulching, concrete, paving and erosion control. Mobilization is to be paid as one lump sum item for the entire Project. The Contractor shall not be paid separately for individual mobilizations required during the Project but shall include all mobilizations required for the Project in this one item. This item also includes demobilization of all equipment and supplies from the Project site.

**BASIS OF PAYMENT**

**Subsection 626.02 is hereby revised to include the following:**

Payment will be made under:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Mobilization	Lump Sum

**REVISION OF SECTION 626  
PUBLIC INVOLVEMENT BY CONTRACTOR**

**Revise Section 626 of the Standard Specifications for this Project to include the following:**

**DESCRIPTION**

This work consists of providing Public Information Management for the duration of the Project. The Contractor shall submit all documentation associated with the Public Information Management item to the Project Engineer. Before approval, the Engineer will coordinate review and approval with the Douglas County Communications Manager (DCCM).

**Anticipated communications issues on this Project include:**

1. Communication with churches regarding full-time access during construction
2. Communications with local residents regarding full-time access during construction
3. Coordination with the Town of Parker
4. Coordination with Douglas County
5. Coordination with Douglas County Public Schools
6. Coordination with Parker Fire Protection District (South Metro Fire Rescue (SMRF))

**CONSTRUCTION REQUIREMENTS**

The Contractor shall provide information to the following public information services on an ongoing basis and throughout the duration of the Project:

- (a) The Contractor, at the pre-construction meeting, shall designate a contact person for the Project. This individual shall be primarily responsible for maintaining communications with the Engineer, residents, and businesses; providing detailed information regarding construction phasing on a regular basis to private individuals and local organizations interested in the Project and the affected agencies.

It is the Contractor's responsibility to be in contact **daily** with the organizations that provide emergency services that would be impacted during construction. At a minimum, the following agencies shall be coordinated with on an ongoing basis (providing updated information related to traffic delays, road closures, and detours throughout the Project duration).

**Douglas County Department of Public Works**

Brolin Bundy, Project Engineer  
Office Telephone Number: 303.660.7490  
Cell Phone Number: 435.773.58454

**Douglas County PIO**

Maisie Wingerter  
Sr. Communication Manager, Public Affairs  
Phone: 303-660-7349 direct line  
Phone: 303-801-8823 mobile  
Email: [mwingerter@douglas.co.us](mailto:mwingerter@douglas.co.us)

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020**  
**Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

-2-

**REVISION OF SECTION 626**  
**PUBLIC INVOLVEMENT BY CONTRACTOR**

**Douglas County School District**

Stacy Rader, Communications Officer  
Email: [srrader@dcsdk12.org](mailto:srrader@dcsdk12.org)

**Public Information Officer**

Paula Hans,  
620 Wilcox St., Castle Rock, CO 0104  
Phone: 303-387-0033  
Email: [pmhans@dcsdk12.org](mailto:pmhans@dcsdk12.org)  
Email: [communications@dcsdk12.org](mailto:communications@dcsdk12.org)

**Director of Transportation**

Donna Grattino  
Phone: 303-387-0401  
Email: [donna.grattino@dcsdk12.org](mailto:donna.grattino@dcsdk12.org)

**Douglas County Sheriff**

Douglas County Sheriff Office, Attn: Dispatch  
Telephone Number: 303.660.7500

**Public Information Director**

Deborah Takahara  
Phone: 720-770-0178  
Email: [pio@scsheriff.net](mailto:pio@scsheriff.net)

**Parker Police Department**

Public Information Office  
303-841-9800  
Email: [pio@parkeronline.org](mailto:pio@parkeronline.org)

**Fire District**

**South Metro Fire Rescue**

Non-Emergency Phone: 24/7 Dispatch 720-258-8911  
Administration Phone: 720-989-2000  
Traffic Email: [smfrstreetclosure@southmetro.org](mailto:smfrstreetclosure@southmetro.org)

**Fire Marshal**

Anthony Valdez  
Phone: 720-989-2340  
Email: [Anthony.Valdez@SouthMetro.org](mailto:Anthony.Valdez@SouthMetro.org)

**Communications/PIO Team**

Kristin Eckmann, Communications Director  
[kristin.eckmann@southmetro.org](mailto:kristin.eckmann@southmetro.org)

-2-

**REVISION OF SECTION 626  
PUBLIC INVOLVEMENT BY CONTRACTOR**

- (b) A letter of introduction shall be delivered to all landowners and businesses impacted by the Project prior to mobilization and before any revisions to public access due to phasing changes throughout the Project duration. These letters shall include the following, at a minimum:
1. Contractor's name, address, phone number.
  2. Field Superintendent's name and mobile phone number.
  3. Public information office phone number.
  4. Schedule of work, including phasing, detour Plans, and road closures.
- (c) The Contractor shall deliver periodic updates to each landowner and business at each phase of the Project throughout the construction period. These updates should contain information concerning temporary road closures, driveway and/or cross street work, paving schedule and other pertinent information that the landowner and businesses may need to know.
- (d) The Contractor shall meet individually with each of the landowners and businesses impacted by construction due to the roadway improvements affecting access to their facilities prior to grading, culvert installations and paving operations. The Contractor shall not cut off access to any landowner or business for an extended period (**access shall not be cut off for more than a maximum of ten (10) minutes**). The Contractor shall always provide emergency vehicle access. The Contractor shall submit such access Plans to the Project Engineer for approval, and the Contractor shall obtain written agreements with the individual businesses and property owners regarding access not shown in the Plans and provide such agreements to the Project Engineer for approval prior to proceeding with the work.

**All costs incidental to the foregoing requirements will not be paid for separately but shall be included in the work.**

**REVISION OF SECTION 627  
 PAVEMENT MARKING**

**Section 627 of the Standard Specifications is hereby revised for this Project as follows:**

All work shall be constructed per the latest Douglas County Roadway Design and Construction Standards Signage and Striping Supplement (Appendix G).

**Subsection 627.03 is hereby revised to include the following:**

The Contractor shall be responsible for placing full compliance markings on any Phase of the Project before opening it to traffic or as directed by the Project Engineer.

A second full compliance pavement marking shall be in place at the end of the Project on all roadways or as directed by the Project Engineer.

**Subsection 627.05 is hereby revised to include the following:**

All Modified Epoxy Pavement Marking surfaces shall be ground before placement of proposed marking. Depth of grinding shall be such as to completely remove any existing pavement markings and to have a nominal depth of 60 milli inches (mils) +/- 10 mils. The inlaid area for the new Modified Epoxy Pavement Marking shall be the pavement marking width plus 1 inch, with a tolerance of +/- 1/4 inch. Grinding of existing preformed thermoplastic pavement marking and existing asphalt shall not be measured and paid for separately but shall be included in the work.

SMA pavements shall receive two full applications of modified epoxy pavement markings.

**Subsection 627.09 is hereby revised to include the following:**

All Preformed Thermoplastic Pavement Marking surfaces shall be ground before placement of proposed marking. Depth of grinding shall be such as to completely remove any existing pavement markings and to have a nominal depth of 120 milli inches (mils) +/- 10 mils. The inlaid area for the new Preformed Thermoplastic Pavement Marking shall be in the same shape or pattern as the Preformed Thermoplastic Pavement Marking that is being installed. Grinding of existing preformed thermoplastic pavement marking and existing asphalt shall not be measured and paid for separately but shall be included in the work.

**Subsection 627.13 shall include the following:**

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Modified Epoxy Pavement Marking (Inlaid)	Gallon
Preformed Thermoplastic Pavement Marking (Word-Symbol) (Inlaid)	Square Foot
Preformed Thermoplastic Pavement Marking (Xwalk-Stopline) (Inlaid)	Square Foot

**REVISION OF SECTION 630  
CONSTRUCTION ZONE TRAFFIC CONTROL**

**Section 630 of the Standard Specifications is hereby revised as follows:**

**Subsection 630.01 shall be revised to include the following:**

The Contractor shall submit, in writing, the proposed Method of Handling Traffic (MHT) for review and approval of the Engineer a minimum of two weeks prior to use. The MHT shall be developed according to this section and the construction Plans.

**Subsection 630.05 shall include the following:**

Steel drum channelizing devices shall not be used for traffic control.

**Subsection 630.06 shall include the following:**

Non-metallic drums or tubular markers may be substituted for vertical panel channelizing devices.

**Subsection 630.10(a), shall include the following:**

When a different MHT is required for a subsequent construction phase, it must be submitted at least two weeks prior to starting that phase. All proposed methods of handling traffic shall be approved, in writing, by the Engineer.

Approval of the proposed MHT does not relieve the Contractor of liability specifically assigned to him under the contract. The Contractor shall erect and maintain warning lights, signs, barricades, and sufficient safeguards around all excavations, embankments, and obstructions.

The Contractor shall notify the Engineer by Thursday at 3:00 P.M. which streets they intend to work on the following week. This notification will be made for all phases of construction.

**Subsection 630.10(a) shall be added as follows:**

The key elements of the Contractor's method of handling traffic (MHT) are outlined in Subsection 630.10(a).

The components of the Traffic Control Plan (TCP) for this Project are included in the following:

- Subsection 104.04 and Section 630 of the Standard Specifications.
- Tabulation of Traffic Engineering Items included in the Plans for this Project.
- Latest revised Standard Plan S-630-1, S-630-2, S-630-3 and S-630-4.

-2-

**REVISION OF SECTION 630**  
**CONSTRUCTION ZONE TRAFFIC CONTROL**

**Special Traffic Control Plan requirements for this Project are as follows:**

1. During the construction of this Project, traffic shall use the present traveled roadway.
2. Work that interferes with traffic on Pine Drive will only be permitted during the following hours:
  - The Contractor shall perform all the work on the roadway between the hours of 7:00 AM and 7:00 PM or as approved by the Engineer. Weekend and nighttime work will be allowed with the prior written approval of the Engineer. Requests for night or weekend work shall be submitted a minimum of three (3) calendar days prior to such work. During weekend or nighttime work, only one lane can be closed and a minimum of one 10' wide lane shall be kept open. Temporary one-way traffic will be allowed with flaggers at each end of the one-way closure up to a maximum of 6 hours.
  - Work will not be permitted that directly or indirectly interferes with the flow of traffic between the hours of 5:30 AM and 8:30 AM Monday through Friday, and between the hours of 3:30 PM to 6:30 PM Monday through Thursday, unless otherwise authorized by the Engineer.
  - No work on Holidays
  - The Contractor shall not close lanes during special events.
  - The Contractor shall coordinate lane closures with adjacent Projects.
  - The Contractor shall maintain business access during business hours.
  - The Contractor shall coordinate all work on the roadway during any special event with Douglas County.
3. The Contractor shall install construction traffic control devices where they do not block or impede other existing traffic control devices or sidewalks for pedestrians, disabled persons or bicyclists. The Contractor is restricted from storing any materials, construction traffic control devices, signs, etc. in any park or parking area available for public parking.
4. Vertical cuts or fills greater than 1 inch resulting from construction operations adjacent to traffic lanes, or within the clear zone shall be temporarily sloped at a 6:1 or flatter slope and delineated at 30-foot intervals immediately after removal operations to safeguard the traveling public.
5. Construction equipment used on this Project shall meet the same minimum exhaust requirements as those specified by the manufacturer of the equipment.
6. The Contractor and Subcontractors shall equip their construction vehicles with flashing amber lights. Equipment to be used at night shall also be equipped with flashing amber lights. Flashing amber lights on vehicles and equipment shall be visible from all directions.

**-3-****REVISION OF SECTION 630  
CONSTRUCTION ZONE TRAFFIC CONTROL**

7. The Contractor shall maintain access to all roadways, side streets, walkways, alleyways, driveways, trails, and hike/bike paths at all times unless otherwise directed by the Engineer. Parking areas temporarily disturbed by construction activities shall be restored to a useable condition during non-working hours. Such temporary parking shall utilize an all-weather surface. The Contractor shall develop an Access Maintenance Plan in coordination with, and based on the requirements of, the affected property owners and tenants, and submit it to the Engineer for approval prior to commencement of work. This Plan shall detail all barricades, ramps, signs, and temporary means of access required by the property owners or tenants. Prior to commencing any work which affects access to a property, the Access Maintenance Plan for that property must be submitted and approved by the Engineer
8. The Access Maintenance Plan shall be coordinated with all affected owners and tenants. The Access Maintenance Plan shall include documentation of this coordination, including the approval signature of each affected owner or tenant. Should the Contractor be unable to obtain approval and signatures, documentation of the efforts made to obtain said approval and signatures must be submitted. All access shall be maintained on surfaces equal to or better than those existing at the time the access is first disturbed. For short periods of time only as allowed by the Engineer, access may be maintained on an All-Weather Surface in accordance with Revision of Section 304 Aggregate Base Course.
9. The costs of maintaining access will not be paid for separately, unless otherwise provided, but shall be included in the work. Utilization of materials to be incorporated into the work may be permitted. However, any degradation or other contamination or destruction shall be corrected at the Contractor's expense prior to acceptance.
11. During non-construction periods (evenings, weekends, holidays, etc.) all work shall be adequately protected to ensure the safety of vehicular and pedestrian traffic, as detailed in the Contractor's MHT. Excavations or holes shall be filled in or fenced when unattended.
12. Whenever the Contractor removes, obliterates, or overlays any pavement markings, he /she shall replace them on a daily basis prior to opening the affected areas to traffic. All temporary pavement markings shall fully comply with the Standard Specifications and Special Provisions.
13. The Contractor shall not have construction equipment or materials in the lanes open to traffic any time unless directed by the Engineer.
14. All personal vehicles and construction equipment parking is prohibited where it conflicts with safety, access, or the flow of traffic. Landscaped areas, public park areas, and roadway shoulders shall be kept clear of parking and storage of all personal and construction equipment except where and when approved by the Engineer.

**-4-**

**REVISION OF SECTION 630**  
**CONSTRUCTION ZONE TRAFFIC CONTROL**

15. The Contractor shall not place tack coat on any surface to be paved where traffic will be forced to travel upon fresh bituminous materials.
16. The Contractor shall be required to maintain temporary drives at any existing establishment that has singular access from the roadway, unless otherwise approved in writing by the property owner.
17. No work that interferes with traffic will be allowed on holidays or any day of a three-day or four-day weekend that includes a holiday, unless directed by the Engineer. Holidays on which this restriction applies consist of those holidays recognized by the State of Colorado as listed in Subsection 101.02.
18. All lane closures shall be subject to the approval of the Engineer. A request for each closure shall be made at least 24 hours in advance of the time the lane closure is to be implemented. Lane closures will not be allowed to remain unless being utilized in continuum for the intended purpose for which they were set up.
19. During non-working hours, the roadways shall be restored to safe travel conditions for the free flow of traffic. Any maintenance required restoring the roadways to this condition, including the pavement patching and grading, shall be done prior to opening the areas to traffic or completing work for the day.
20. The Contractor shall clean the roadway of all construction debris before opening it to traffic.
21. All flagging stations used at night shall be illuminated with floodlights. Street, highway lights and "high mast lighting" may be used for flagging station illumination when approved by the Engineer. Floodlights shall be located and directed so as not to interfere with the sight of any motorists, and the cost to be included in the work.
22. Prior to removal and resetting of any sign the Contractor and Engineer shall prepare an inventory. Any signs damaged due to the Contractor's operations shall be replaced in kind or repaired by the Contractor at no additional cost to the Project.
23. Unless noted otherwise, all costs incidental to the foregoing requirements shall be included in the original contract prices for the Project, including any additional traffic control items required for haul routes into the Project.

**Subsection 630.11 (11) shall be added as follows:**

Arrow boards are to be installed as shown in the MHT's.

All streets that will be reduced in the number of travel lanes should have variable message boards installed for a minimum of 3 days after the striping change to inform drivers of the lane reduction.

**-5-**

**REVISION OF SECTION 630  
 CONSTRUCTION ZONE TRAFFIC CONTROL**

**Subsection 630.17 is hereby deleted and replaced with the following:**

The Contractor shall furnish all personnel and materials necessary to perform the Construction Zone Traffic Control as required. Temporary pavement markings for traffic control shall not be measured and paid for separately but shall be included in the work. The removal of temporary pavement markings shall be included in the work and shall not be paid for separately. Temporary pavement markings shall be removed by either sand blasting or water blasting.

**Subsection 630.18 is hereby deleted and replaced with the following:**

Payment for construction zone traffic control shall include all appurtenances including temporary pavement markings, flaggers and relative equipment, a Traffic Control Supervisor, Traffic Control Maintenance, Traffic Control Inspection, barricades, temporary signage, arrow boards, drum channelizing devices with and without beacons, temporary concrete barrier, cones, and all other personnel, devices, equipment, and resources necessary to complete the work utilizing the suggested construction phasing as shown in the plans or any other alternative construction phasing plan proposed by the contractor which will require approval by the Engineer.

The accepted quantities measured as provided above will be paid for at the contract unit price for each of the pay items listed below that appear in the Bid Schedule:

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control (Special)	Lump Sum

Additional materials, personnel, and resources required for concurrent phases of construction are included in the lump sum bid price for construction traffic control.

**REVISION OF SECTION 630**  
**IMPACT ATTENUATOR (TEMPORARY)**

**Section 630 of the Standard Specifications is hereby revised for this Project to include the following:**

**DESCRIPTION**

This work consists of furnishing, installing, certifying, moving, repairing, maintaining, and removing temporary impact attenuators in accordance with these Specifications and in conformity with the lines and details shown on the Plans or established.

**MATERIALS**

Each impact attenuator shall be selected from the Crash Cushion and End Treatment Application Chart as listed in the *Safety Selection Guide* on the CDOT Design and Construction Project Support web site. Impact attenuators shall conform to the requirements of the manufacturer and be capable of bi-directional shielding of the objects detailed and located on the Plans. Filler materials shall be treated according to the manufacturer's recommendations to prevent freezing to a temperature of -50 °F.

If the posted speed limits of the construction zone are 45 miles per hour or less, the impact attenuator shall comply with the crash test requirements contained in NCHRP Report 350 (only applicable for impact attenuators developed prior to 2011) or MASH (acceptable for all impact attenuators), TL-2. For posted speed limits in the construction zone greater than 45 miles per hour, the attenuator shall meet the requirements of TL-3.

**CONSTRUCTION REQUIREMENTS**

The site shall be prepared to receive the impact attenuator by filling, excavating, smoothing, constructing the paved foundation pad, installing approved transition, and anchoring, and all other work necessary for the proper installation of the attenuator.

The impact attenuator shall be fabricated and installed in accordance with the manufacturer's recommendations. The Contractor shall provide a copy of the manufacturer's installation instructions and parts list to the Engineer prior to installation of the device.

Each installation shall be supervised and certified as correct upon completion by a representative of the device manufacturer or by an employee of the Contractor who is a certified installer. The certified installer shall have completed device training and shall be registered with the manufacturer as a certified installer. The Contractor shall submit all appropriate documentation to validate that the certified installer has completed device training and has been registered with the manufacturer as a certified installer.

**METHOD OF MEASUREMENT / BASIS OF PAYMENT**

**Subsection 630.18 shall include the following:**

Impact Attenuator (Temporary) will not be measured and paid for separately but shall be included in Pay Item: Traffic Control (Special) - Lump Sum.

**REVISION OF SECTION 630**  
**PORTABLE MESSAGE SIGN PANEL**

**Section 630 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 630.01 shall include the following:**

This work includes furnishing, operating, and maintaining a portable message sign panel.

**Add Subsection 630.031 immediately following Subsection 630.03 as follows:**

**630.031 Portable Message Sign Panel.** Portable message sign panel shall be furnished as a device fully contained on a portable trailer, capable of being licensed for normal highway travel, and shall include leveling and stabilization jacks. The panel shall display a minimum of three - eight-character lines. The panel shall be a dot-matrix type with an LED legend on a flat black background. LED signs shall have a pre-default message that activates before a power failure. The sign shall be solar powered with independent back-up battery power. The sign shall be capable of 360 degrees rotation and shall be able to be elevated to a height of at least five feet above the ground measured at the bottom of the sign. The sign shall be visible from one-half mile under both day and night conditions. The message shall be legible from a minimum of 750 feet. The sign shall automatically adjust its light source to meet the legibility requirements during the hours of darkness. The sign enclosure shall be weather tight and provide a clear polycarbonate front cover.

Solar powered message signs shall be capable of operating continuously for 10 days without any sun. All instrumentation and controls shall be contained in a lockable enclosure. The sign shall be capable of changing and displaying sign messages and other sign features such as flash rates, moving arrows, etc.

Each sign shall also conform to the following:

- (1) In addition to the onboard solar power operation with battery back-up, each sign shall be capable of operating on a hard wire, 100-110 VAC, external power source.
- (2) All electrical wiring, including connectors and switch controls necessary to enable all required sign functions shall be provided with each sign.
- (3) Each sign shall be furnished with an operating and parts manual, wiring diagrams, and trouble-shooting guide.
- (4) The portable message sign shall be capable of maintaining all required operations under Colorado mountain-winter weather conditions.
- (5) Each sign shall be furnished with an attached license plate and mounting bracket.
- (6) Each sign shall be wired with a 7-prong male electric plug for the brake light wiring system.**

**Subsection 630.13 shall include the following:**

The portable message sign panel shall be on the Project site at least 14 calendar days prior to the start of active roadway construction. Maintenance, storage, operation, relocation to different sites during the Project, and all repairs of portable message sign panels shall be the responsibility of the Contractor.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

---

**-2-**

**REVISION OF SECTION 630  
PORTABLE MESSAGE SIGN PANEL**

**METHOD OF MEASUREMENT / BASIS OF PAYMENT**

**Subsection 630.18 shall include the following:**

Portable Message Sign Panels will not be measured and paid for separately but shall be included in Pay Item: Traffic Control (Special) - Lump Sum.

**REVISION OF SECTION 630**  
**MOBILE ATTENUATOR**

**Section 630 of the Standard Specifications is hereby revised for this Project as follows:**

**Subsection 630.01 shall include the following:**

This work shall consist of furnishing, operating, and maintaining a truck with an attached impact attenuator.

**Subsection 630.09 shall include the following:**

Mobile Attenuator Options:

***Truck Mounted Attenuator.*** The Contractor shall supply a vehicle with a truck mounted attenuator approved by the FHWA to meet NCHRP 350 criteria for level TL-2 collisions. The attenuator shall be mounted to a suitable truck in a manner meeting the Manufacturer's Specifications. The truck shall be furnished with a roof mounted Advance Warning Flashing or Sequencing Arrow Panel (B Type). The truck shall be used when setting up or taking down the work zone and shall be parked in the activity area protecting the construction work while work is being performed, unless otherwise directed.

***Trailer Attenuator.*** The Contractor shall supply a vehicle with an attached trailer attenuator approved by the FHWA to meet NCHRP 350 criteria for level TL-2 collisions. The trailer attenuator shall be attached to a suitable host truck in a manner meeting the Manufacturer's Specifications, to include factory-installed 20-ton (minimum) rated pintle hook and ½-inch (minimum) steel frame plate, or as specified by Manufacturer. The trailer shall be furnished with a mounted Advance Warning Flashing or Sequencing Arrow Panel (B Type).

The weight of the host truck shall be between 10,000 and 20,000 lbs., or as specified by the trailer attenuator manufacturer. The Contractor shall provide a certified scale ticket confirming the weight of the truck without trailer attached.

The Trailer Attenuator attached to its host truck shall be used when setting up or taking down the work zone and shall be parked in the activity area protecting the construction work while work is being performed, unless otherwise directed. A buffer zone shall be provided in front of the host truck, for worker safety. This buffer zone shall be in accordance with the manufacturer's recommendations but shall be no less than 100 feet in length, unless otherwise directed.

**Subsection 630.13 shall include the following:**

Maintenance, storage, operation, and all repairs of Mobile Attenuator and associated vehicle shall be the responsibility of the Contractor.

**METHOD OF MEASUREMENT / BASIS OF PAYMENT**

**Subsection 630.18 shall include the following:**

Portable Message Sign Panels will not be measured and paid for separately but shall be included in Pay Item: Traffic Control (Special) - Lump Sum.

**FORCE ACCOUNT ITEMS**

**DESCRIPTION**

This special provision contains the Department's estimate for force account items included in the Contract. The estimated amounts marked with an asterisk will be added to the total bid to determine the amount of the performance and payment bonds. Force Account work shall be performed as directed by the Engineer.

**BASIS OF PAYMENT**

Payment will be made in accordance with Subsection 109.04. Payment will constitute full compensation for all the work necessary to complete the item.

Force account work valued at \$5,000 or less, that must be performed by a licensed journeyman to comply with federal, state, or local codes, may be paid for after receipt of an itemized statement endorsed by the Contractor.

<u>Force Account Item</u>	<u>Quantity</u>	<u>Estimated Amount</u>
F/A Minor Contract Revisions	F.A.	\$580,000
F/A Obtain Power from Service Provider	F.A.	\$30,000
F/A Pavement Surface Course Maintenance	F.A.	\$70,000
F/A Erosion Control	F.A.	\$45,000
F/A Fiber Interconnect	F.A.	\$35,000

Force Account Descriptions

F/A Minor Contract Revisions – consists of minor work authorized and approved by the Engineer, which is not included in the contract Plans or Specifications and is necessary to accomplish the scope of the work of this contract.

F/A Obtain Power from Service Provider - This work shall consist of all cost charges from the power service provider, and all necessary materials, labor, and coordination required to maintain existing or establish new power sources required for permanent operation of equipment as shown in the Plans.

F/A Pavement Surface Course Maintenance: This work shall consist of all cost charges associated with the requirements as described in the Revision of Sections 104 and 105 “Pavement Surface Course Maintenance.”

F/A Erosion Control – This item consists of supplemental erosion control measures suggested by the Erosion Control Supervisor, but not provided for in the contract Plans or Specifications. All items shall be approved by the Engineer prior to installation or they will be at no cost to the Project.

F/A Fiber Interconnect – This work consists of fiber inventory/project documentation, fiber tagging and any other unforeseen or incidental required fiber work.

**Pine Lane Improvements, Project Numbers CI 2017-019 & CI 2020-020  
 Pine Drive Improvements, Project Numbers SP 2018-005 & CI 2020-019**

**DECEMBER 2025**

**UTILITIES**

The known utilities within the limits of this project are:

<b>UTILITY</b>	<b>CONTACT/EMAIL</b>	<b>PHONE/FAX</b>
Comcast	Butch Buster <a href="mailto:Butch_buster@comcast.com">Butch_buster@comcast.com</a> Dennis McCauley (MasTec) <a href="mailto:Dennis.McCauley@MasTec.com">Dennis.McCauley@MasTec.com</a>	Office: 303-603-5682 Mobile: 720-951-5002  Mobile: 720-885-1878
CORE Electric Cooperative (CORE) - formerly Intermountain Rural Electric Association (IREA)	Jim Potter <a href="mailto:jdpotter@core.coop">jdpotter@core.coop</a>	Office: 720-733-5612 Mobile: 720-391-1496
Lumen - former CenturyLink/Level 3 represented by Terra Technologies	Wes Bugal (Terra Technologies) <a href="mailto:wbugal@congruex.com">wbugal@congruex.com</a>	Mobile: 720-331-6099
	Tom Longon <a href="mailto:thomas.longan@lumen.com">thomas.longan@lumen.com</a>	Office: 303-482-9822 Mobile: 720-878-6311
	William Benson <a href="mailto:william.benson2@centurylink.com">william.benson2@centurylink.com</a>	Office: 720-501-5812 Mobile: 303-587-5496
Verizon Business – formerly MCI	Lane Grady <a href="mailto:lane.grady@verizon.com">lane.grady@verizon.com</a>	Mobile: 303-827-9756
Xcel Energy	Kristy Billings (Gas Distribution) <a href="mailto:Kristy.N.Billings@xcelenergy.com">Kristy.N.Billings@xcelenergy.com</a>	Office: 303-285-6576 Mobile: 720-697-3203

The work described in these Plans and Specifications requires full cooperation between the Contractor and the utility owners in accordance with Subsection 105.11 in conducting their respective operations, so the utility work can be completed with minimum delay to all parties concerned. Also, in accordance with the Plans and Specifications, and as directed by the Project Engineer, the Contractor shall keep each utility owner advised of any work being done to its facility, so that each utility owner can coordinate its inspections for final acceptance of the work with the Project Engineer.

The Contractor shall coordinate the work with the owners of the utilities impacted by the work. Coordination with utility owners includes, but is not limited to, staking construction features, providing and periodically updating an accurate construction schedule which includes all utility work elements, providing written notification of upcoming required utility work elements as the construction schedule indicates, allowing the expected number of working days for utilities to complete necessary relocation work, conducting necessary utility coordination meetings, and all other necessary accommodations as directed by the Project Engineer. Surveying and/or staking of utility relocations to be performed by the owner shall be the responsibility of the utility owner. The Contractor shall provide surveying staking as described in Revision of Section 625 Construction Surveying for proposed roadway improvements including but not limited to the proposed storm drain system.

-2-  
**UTILITIES**

Prior to excavating or performing any earthwork operations, the Contractor shall positively locate all potential conflicts with existing underground utilities and proposed construction, as determined by the Contractor according to proposed methods and schedule of construction. The Contractor shall modify construction Plans to avoid existing underground facilities as needed, and as approved by the Project Engineer.

The Contractor shall provide traffic control for any utility work expected to be coordinated with construction, as directed by the Project Engineer. However, traffic control for utility work outside of typical project work hours shall be the responsibility of the utility owner.

All costs incidental to the foregoing requirements will not be paid for separately but shall be included in the work

**PART 1 - CONTRACTOR SHALL PERFORM THE WORK LISTED BELOW:**

**General Requirements:**

The Contractor shall contact, in writing, the utility owner or utility owner's representative upon receipt of Notice to Proceed.

Coordinate Pre-Construction meetings with each utility owner or utility owner's representative and the Project Engineer at least fourteen (14) calendar days prior to beginning construction that may affect any utility infrastructure associated with the work. Utility owners/representatives shall be notified at least fourteen (14) calendar days prior the meeting.

Coordinate project construction with the performance by the utility owner of each utility work element listed in Part 2 below. Perform preparatory work specified in Part 2 for each utility work element. Provide an accurate construction schedule that includes all utility work elements to the owner of each impacted utility.

The Contractor shall work with utility owners to identify required work elements, traffic control, and to verify schedules. No added time will be granted to the construction schedule unless approved by the Project Engineer. Changes to phasing or schedule by the Contractor shall be clearly communicated with the utility owners immediately.

Provide each utility owner with weekly updates to the schedule. Conduct detailed utility coordination meetings weekly, with utility representatives of utilities affected by that week's planned construction activities, to coordinate all requirements and schedules, and provide other necessary accommodations as directed by the Project Engineer. Notify each utility owner in writing, with a copy to the Project Engineer, prior to the time each utility work element is to be performed by the utility owner. Provide the notice with the number of days specified in Part 2 immediately prior to the time the utility work must begin to meet the project schedule.

Provide traffic control, as directed by the Project Engineer, for any utility work by the utility owner expected to be coordinated with construction. However, traffic control for utility work outside of typical project work hours shall be the responsibility of the utility owner. Utility owners shall provide

**-3-  
UTILITIES**

MHT's to the Contractor and the Project Engineer and shall not proceed with utility work until Contractor and the Project Engineer has approved utility owner's MHT's.

Provide erosion control for any utility work by the utility owner expected to be coordinated with construction. Erosion control for utility work outside of typical project work hours or current phase of construction shall be the responsibility of the utility owner. Utility owners, in coordination with the Contractor, shall provide erosion control Plans/Specifications to the Project Engineer and shall not proceed with utility work until the Contractor and the Project Engineer have approved utility owner's erosion control Plan/measures.

Perform each utility work element for each utility owner listed here in Part 1. Notify each utility owner in advance of any work being done by the Contractor to its facility, so that the utility owner can coordinate inspections for final acceptance of the work with the Project Engineer.

The Contractor shall identify all existing utilities (by potholing if necessary) and protect in place when constructing the project, including sub-excavation work. If existing utilities are within close proximity horizontal or vertically, the Contractor shall alter the sub-excavation work limits, construction methods, or equipment to avoid impacting existing utilities.

**CORE Electric Cooperative (CORE) (formerly IREA):**

CORE Electric forces have relocated the existing overhead electric power, as shown on the Plans, in the Winter of 2024/2025. No conflict with relocated overhead and/or underground electric lines is anticipated, unless specified in Part 2. The Contractor shall protect in place all existing/relocated CORE Electric infrastructure and all associated appurtenances during all phases of construction. Any damage to the existing/relocated CORE infrastructure due to the Contractor's construction activities will be repaired or replaced at the Contractor's cost.

The Contractor shall coordinate with CORE representative(s) for any required watch and protect of CORE infrastructure within the project limits. The Contractor shall provide the utility owner written notice fourteen (14) calendar days immediately prior to each required watch and protect.

As specified in Part 2 CORE forces shall adjust conduit and wire to accommodate the proposed storm sewer. The Contractor shall clear and grub and expose the lines in the area necessary for CORE forces to complete the work. Any required work for supporting or adjustment of CORE infrastructure will be completed by CORE.

As needed to complete the work, the Contractor is free to remove abandoned conduits that may impact construction. The Contractor shall verify status of abandonment with CORE forces prior to beginning any removals of CORE facilities. Abandoned conduits potentially conflicting with trench excavation for the installation of storm drain will be measured in place during construction and shall be paid for as Removal of Pipe (Utilities) with the approval of the Project Engineer.

The Contractor shall contact, in writing, the utility owner immediately upon receipt of Notice to Proceed. The Contractor shall schedule a pre-construction meeting with the Project Engineer and CORE fourteen (14) days prior to work beginning in areas that will affect CORE owned infrastructure.

~~-4-~~  
**UTILITIES**

**Tele Communications Utilities****Comcast Cable:**

Comcast forces have relocated the existing overhead and underground fiber optic, as shown on the Plans, in the Spring/Summer 2025. No conflict with existing/relocated overhead and/or underground fiber optic lines is anticipated, unless specified in Part 2. The Contractor shall protect in place the existing/relocated Comcast infrastructure and all associated appurtenances during all phases of construction. Any damages to the existing/relocated Comcast infrastructure due to the Contractor's construction activities will be repaired or replaced at the Contractor's cost.

As needed to complete the work, the Contractor is free to remove abandoned conduits and remaining conductors/cable that may impact construction. The Contractor shall verify status of abandonment with Comcast forces prior to beginning any removals of Comcast facilities. Abandoned conduits potentially conflicting with trench excavation for the installation of storm drain will be measured in place during construction and shall be paid for as Removal of Pipe (Utilities) with the approval of the Project Engineer.

As specified in Part 2 Comcast forces shall adjust Comcast owned pedestal to finished grade. The Contractor shall establish finished grade and provide marking/staking necessary for Comcast forces to complete the work.

The Contractor shall contact, in writing, the utility owner immediately upon receipt of Notice to Proceed. The Contractor shall schedule a pre-construction meeting with the Project Engineer and Comcast fourteen (14) days prior to work beginning in areas that will affect Comcast owned infrastructure.

**Lumen Technologies (formerly CenturyLink Communications):**

Lumen forces have relocated the existing underground and/or overhead fiber optic and telephone, as shown on the Plans, in the Spring/Summer 2025. No conflict with relocated underground fiber optic and telephone lines is anticipated, unless specified in Part 2. The Contractor shall protect in place the relocated Lumen infrastructure and all associated appurtenances during all phases of construction. Any damage to the relocated Lumen infrastructure due to the Contractor's construction activities will be repaired or replaced at the Contractor's cost.

As needed to complete the work, the Contractor is free to remove abandoned conduits and remaining conductors/cable that may impact construction. The Contractor shall verify status of abandonment with Lumen forces prior to beginning any removals of Lumen facilities. Abandoned conduits potentially conflicting with trench excavation for the installation of storm drain will be measured in place during construction and shall be paid for as Removal of Pipe (Utilities) with the approval of the Project Engineer.

As specified in Part 2 Lumen forces shall adjust Lumen owned pull boxes and manholes to finished grade. The Contractor shall establish finished grade and provide marking/staking necessary for Lumen forces to complete the work.

**-5-  
UTILITIES**

As specified in Part 2 Lumen forces shall adjust conduit and fiber to accommodate the proposed storm sewer. The Contractor shall clear and grub and expose the lines in the area necessary for Lumen forces to complete the work. All required work for supporting and adjustment of Lumen infrastructure will be completed by Lumen at no cost to the project.

As specified in Part 2 Lumen forces shall adjust manhole to grade. The Contractor shall establish finished grade and provide marking/staking necessary for Lumen forces to complete the work.

The Contractor shall contact, in writing, the utility owner immediately upon receipt of Notice to Proceed. The Contractor shall schedule a pre-construction meeting with the Project Engineer and Lumen fourteen (14) days prior to work beginning in areas that will affect Lumen owned infrastructure.

**Verizon Business (formerly MCD):**

Verizon has existing underground fiberoptic, as shown on the Plans. Unless specified in Part 2 the Contractor shall protect in place the relocated Verizon infrastructure and all associated appurtenances during all phases of construction. Any damage to the relocated Verizon infrastructure due to the Contractor's construction activities will be repaired or replaced at the Contractor's cost.

As specified in Part 2 Verizon forces shall adjust Verizon owned pull boxes to finished grade. The Contractor shall establish finished grade and provide marking/staking necessary for Verizon forces to complete the work.

As specified in Part 2 Verizon forces shall adjust conduit and fiber to accommodate the proposed storm sewer. The Contractor shall clear and grub and expose the lines in the area necessary for Verizon forces to complete the work. All required work for supporting and adjustment of Verizon infrastructure will be completed by Verizon at no cost to the project.

As specified in Part 2 Verizon forces shall replace the existing vault with a traffic rated manhole. The Contractor shall establish finished grade and provide marking/staking necessary for Verizon forces to complete the work.

The Contractor shall contact, in writing, the utility owner immediately upon receipt of Notice to Proceed. The Contractor shall schedule a pre-construction meeting with the Project Engineer and Verizon fourteen (14) days prior to work beginning in areas that will affect Verizon owned infrastructure.

**-6-**  
**UTILITIES**

**Xcel Energy- Gas Distribution:**

Xcel forces began relocation of the existing underground gas main and gas service lines, as shown on the Plans, in the Summer of 2025. It is estimated that this work will take approximately 9 to 12 months to complete. No conflict with relocated underground gas lines and service lines is anticipated, unless specified in Part 2. The Contractor shall protect in place the relocated Xcel Gas infrastructure and all associated appurtenances during all phases of construction. Any damages to the relocated Xcel Gas infrastructure due to the Contractor's construction activities will be repaired or replaced at the Contractor's cost.

As needed to complete the work, the Contractor is free to remove portions of the abandoned gas lines that may impact construction. The Contractor shall verify status of abandonment with Xcel forces prior to beginning any removals of Xcel facilities. Abandoned gas lines potentially conflicting with trench excavation for the installation of storm drain will be measured in place during construction and shall be paid for as Removal of Pipe (Utilities) with the approval of the Project Engineer. The Contractor shall document the portions of the abandoned gas lines removed, surveying in locations of removals in the project coordinates, and shall provide this information to Xcel Energy Gas Division for their records.

As specified in Part 2 Xcel forces shall adjust conduit to accommodate the proposed storm sewer. The Contractor shall clear and grub and expose the lines in the area necessary for Xcel forces to complete the work.

The Contractor shall contact, in writing, the utility owner immediately upon receipt of Notice to Proceed. The Contractor shall schedule a pre-construction meeting with the Project Engineer and Xcel fourteen (14) days prior to work beginning in areas that will affect Xcel owned infrastructure.

-7-  
**UTILITIES**

**PART 2 - UTILITY OWNERS SHALL PERFORM THE WORK LISTED BELOW:**

Although the Contractor shall provide Method of Handling Traffic (MHT) and traffic control for utility work expected to be coordinated with construction, traffic control for utility work outside of typical project work hours shall be the responsibility of the utility owner. The utility owner shall prepare and submit to Douglas County a Method of Handling Traffic Plan for utility work to be performed outside the typical project work hours. The utility owner shall obtain acceptance of the Method of Handling Traffic Plan from Douglas County prior to beginning the utility work to be performed outside typical project work hours.

**CORE Electric Cooperative (CORE) (formerly IREA):**

CORE Electric forces have relocated the existing overhead electric power, as shown on the Plans, in the Winter of 2024/2025.

Once the Contractor has received NTP, they shall contact in writing the utility owner immediately.

CORE Electric representatives shall attend Project Pre-Construction meeting(s) and Utility Coordination meeting(s) as applicable with a minimum fourteen (14) calendar day notice of meeting location and time. CORE Electric forces shall work with the Contractor to protect in place existing relocated CORE infrastructure as defined in Part 1.

The Contractor shall provide the utility owner written notice thirty (30) working days immediately prior to each utility work element expected to be coordinated with construction.

CORE forces shall work with the Contractor to lower or raise the existing electrical facilities to accommodate proposed storm sewer at multiple locations and proposed roadway as shown on the Plans. The Contractor shall clear and grub and expose the lines in the surface area required to allow CORE forces to develop slack in the conduit to lower or raise the conduits to accommodate the proposed storm pipe. This work is expected to be coordinated with construction and take one (1) working day at each location to complete.

The Contractor may remove portions of abandoned in-place conduits and wire as necessary during construction. The Contractor shall verify status of abandonment with CORE forces prior to beginning any removals of CORE facilities.

After the Contractor has completed the installation of the traffic signals at Ponderosa Dr and Pine Lane including the conduit, wiring and cabinets to the proposed power source as shown on the Plans, CORE forces shall connect the power source. This work is expected to be coordinated with construction and take one (1) working day at each location to complete.

**If during construction a conflict is found, CORE Electric forces shall relocate their facility within thirty (30) working days from notice of the conflict.**

**-8-**  
**UTILITIES**

**Tele Communications Utilities**

**Comcast:**

Comcast forces have relocated the existing overhead fiber optic, as shown on the Plans, in the Winter of 2024/2025.

Once the Contractor has received NTP, they shall contact in writing the utility owner immediately.

Comcast representatives shall attend Project Pre-Construction meeting(s) and Utility Coordination meeting(s) as applicable with a minimum fourteen (14) calendar day notice of meeting location and time.

Comcast forces shall work with the Contractor to protect existing relocated conduits/cables as necessary to facilitate excavation for the construction of roadway elements as defined in Part 1.

The Contractor may remove portions of abandoned in-place conduits and remaining conductors as necessary during construction. The Contractor shall verify status of abandonment with Comcast forces prior to beginning any removals of Comcast facilities.

Comcast forces shall adjust pedestal and other appurtenances, as necessary, to finished grade during construction. Multiple adjustments may be required to accommodate phasing and significant grade changes. As specified in Part 1 the Contractor shall establish finished grade and provide marking/staking necessary for Comcast forces to complete the work. This work is anticipated to take one (1) working day at each location to complete.

The Contractor shall provide the utility owner written notice thirty (30) working days immediately prior to each utility work element expected to be coordinated with construction.

**If additional conflicts are found during construction, Comcast forces shall relocate their facility within thirty (30) working days from notice of the conflict.**

**Lumen Technologies (formerly CenturyLink Communications):**

Lumen forces have relocated the existing underground fiber optic and telephone, as shown on the Plans, in the Winter of 2024/2025.

Once the Contractor has received NTP, they shall contact in writing the utility owner immediately.

Lumen representatives shall attend Project Pre-Construction meeting(s) and Utility Coordination meeting(s) as applicable with a minimum fourteen (14) day notice of meeting location and time.

Lumen forces shall work with the Contractor to protect existing relocated conduits/cables as necessary to facilitate excavation for the construction of roadway elements as defined in Part 1.

-9-  
**UTILITIES**

The Contractor may remove portions of abandoned in-place conduits and remaining conductors as necessary during construction. The Contractor shall verify status of abandonment with Lumen forces prior to beginning any removals of Lumen facilities.

Lumen forces shall adjust pull boxes and other appurtenances, as necessary, to finished grade during construction. Multiple adjustments may be required to accommodate phasing and significant grade changes. As specified in Part 1 the Contractor shall establish finished grade and provide marking/staking necessary for Lumen forces to complete the work. This work is anticipated to take one (1) working day at each location to complete.

Lumen forces shall work with the Contractor to lower or raise the existing communication facilities to accommodate proposed storm sewer at multiple locations and proposed roadway as shown on the Plans. The Contractor shall clear and grub and expose the lines in the surface area required to allow Lumen forces to develop slack in the conduit to lower or raise the conduits to accommodate the proposed storm pipe. This work is expected to be coordinated with construction and take one (1) working day at each location to complete.

The Contractor shall provide the utility owner written notice thirty (30) working days immediately prior to each utility work element expected to be coordinated with construction.

**If additional conflicts are found during construction, Lumen Technologies forces shall relocate their facility within thirty (30) working days from notice of the conflict.**

**Verizon (formerly MCI):**

Verizon has existing underground fiberoptic within the project limits, as shown on the Plans.

Once the Contractor has received NTP, they shall contact in writing the utility owner immediately.

Verizon representatives shall attend Project Pre-Construction meeting(s) and Utility Coordination meeting(s) as applicable with a minimum fourteen (14) calendar day notice of meeting location and time.

**-10-  
UTILITIES**

Verizon forces shall work with the Contractor to protect existing conduits/cables as necessary to facilitate excavation for the construction of roadway elements as defined in Part 1.

Verizon forces shall adjust pull boxes and other appurtenances, as necessary, to finished grade during construction. Multiple adjustments may be required to accommodate phasing and significant grade changes. As specified in Part 1 the Contractor shall establish finished grade and provide marking/staking necessary for Verizon forces to complete the work. This work is anticipated to take one (1) working day at each location to complete.

Verizon forces shall work with the Contractor to lower or raise the existing communication facilities to accommodate proposed storm sewer at multiple locations as shown on the Plans. The Contractor shall clear and grub and expose the lines in the surface area required to allow Verizon forces to develop slack in the conduit to lower or raise the conduits to accommodate the proposed storm pipe. This work is expected to be coordinated with construction and take one (1) working day at each location to complete.

After the Contractor has completed clear and grub of the surface area required and prepared the subgrade for final paving Verizon forces shall remove the existing vault and install a traffic rated manhole at approx. station 136+35 on Pine Lane. The Contractor shall provide a rim elevation for Verizon. Verizon shall adjust/modify the manhole to ¼" to ½" below final grade of the paved surface as shown on the Plans. This work is expected to be coordinated with construction and take one (1) working day to complete.

The Contractor shall provide the utility owner written notice thirty (30) working days immediately prior to each utility work element expected to be coordinated with construction.

**If during construction additional conflicts are found, Verizon forces shall relocate their facility within thirty (30) working days from notice of the conflict.**

**Xcel Energy Gas Operations:**

Xcel forces will relocate the existing underground gas main and gas service lines, as shown on the Plans, beginning in the Summer of 2025. It is estimated that this work will take approximately 9 to 12 months to complete.

Xcel representatives will attend Project Pre-Construction meeting(s) and Utility Coordination meeting(s) as applicable with a minimum fourteen (14) calendar day notice of meeting location and time.

Xcel Energy and/or its designated representatives shall locate and mark all existing gas mains and service lines within the project area with proper notice through the Colorado 811 process.

Xcel forces shall work with the Contractor to protect existing/relocated gas line(s) as necessary to facilitate excavation for the construction of roadway elements as defined in Part 1.

**-11-  
UTILITIES**

Xcel Gas Line(s) noted on the Plans as abandoned in place or to be removed are to have been completed by Xcel forces during the early construction utility phase of the project noted above.

The Contractor may remove portions of the abandon gas lines as necessary during construction. The Contractor shall verify status of abandonment with Xcel forces prior to beginning any removals of Xcel facilities.

Xcel forces shall work with the Contractor to lower or raise the existing gas facilities to accommodate proposed storm sewer at multiple locations as shown on the Plans. The Contractor shall clear and grub and expose the lines in the surface area required to allow Xcel forces to accommodate the proposed storm pipe. This work is expected to be coordinated with construction and take one (1) working day at each location to complete.

The Contractor shall provide the utility owner written notice thirty (30) working days immediately prior to each utility work element expected to be coordinated with construction.

**If during construction additional conflicts with gas mains and/or gas service lines and proposed roadway improvements are found, Xcel forces shall relocate their facilities as noted below:**

- **Gas Mains - within thirty (30) working days from notice of the conflict.**
- **Gas Service Lines – within five (5) days from notice of the conflict.**

**GENERAL:**

The Contractor shall comply with Article 1.5 of Title 9, CRS ("Excavation Requirements") when excavating or grading is planned in the area of underground utility facilities. The Contractor shall notify all affected utilities at least two (2) business days, not including the actual day of notice, prior to commencing such operations. The Contractor shall contact the Utility Notification Center of Colorado (UNCC) at phone no. **811**, to have locations of UNCC registered lines marked by member companies. All other underground facilities shall be located by contacting the respective owner. Utility service laterals shall also be located prior to beginning excavation or grading.

The location of utility facilities as shown on the Plan and profile sheets, and herein described, were obtained from the best available information.

All costs incidental to the foregoing requirements will not be paid for separately but shall be included in the work, except as noted within this Specification.