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TASK ORDER NO. C00074-26-01.

PROJECT NAME: Blair Southfork Rd Association Drainage Improvements

HOUSTON JOB NO.: 00074-0005

HOUSTON PROJ. MGR.: Ethan Miller

CLIENT/OWNER NAME: City of Blair

CLIENT/OWNER ADDRESS: 218 S. 16th Street Blair, NE 68008

CLIENT/OWNER PHONE NO.: 402-426-4191

CLIENT/OWNER CONTACT: C.J. Heaton

This Task Order is issued pursuant to the Client/Owner Master Services Agreement ("Agreement") dated July, 2026, by and between **HOUSTON ENGINEERING, INC.** ("Houston") and City of Blair ("Client").

In consideration of the mutual covenants and promises contained therein, the parties agree as follows:

Recitals

- A. Client requests Houston to perform certain professional services on Blair Southfork Rd Association Drainage Improvements, the "Project", as described below:

Assess the site adjacent to South Creek and North of Clark Street within the City of Blair for drainage improvements after
landowners experienced flooding damage on August 9, 2025.

- B. Houston desires to perform such services in accordance with the Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Houston and Client agree as follows:

1. Services. Houston has attached to this Task Order as Attachment "A", a scope of services ("Services") and budget to complete the Project. Upon Houston's receipt of a fully executed copy of this Task Order, Houston shall perform the Services in accordance with the Agreement.

2. Term. The Services contemplated by this Task Order shall be completed per the scope of services set forth in Attachment "A".

3. Fee. The fee contemplated by the Task Order shall be completed per the fee set forth in Attachment "A"

IN WITNESS WHEREOF, the parties have caused this Task Order to be executed as of the dates written below:

CLIENT

HOUSTON ENGINEERING, INC.

BY: _____
AUTHORIZED REPRESENTATIVE Date

BY: Ethan Miller
AUTHORIZED REPRESENTATIVE Date

TITLE: _____

TITLE: Project Manager

PLEASE SIGN AND RETURN ONE COPY TO HOUSTON AT THE U.S. MAIL OR ELECTRONIC MAIL ADDRESS ABOVE

Attachment A – Scope of Services

The following task descriptions are for the Blair Southfork RD Association Drainage Improvements (Project), adjacent to South Creek and North of Clark Street within the City of Blair. The intent of the project is to assess the above-mentioned site for drainage improvements after landowners experienced flooding damage on August 9, 2025. South Creek undergoes a split flow scenario at Clark Street when the roadway overtops leading out of channel bank flows to enter backyards with higher ground near the channel then restricting return of flows to the channel in areas north of Clark Street. Improvements will look to create conveyance that returns flows to the channel. The tasks below are associated with the hours in the accompanying fee spreadsheet. It is understood that the efforts are based on an estimation of what is known today and may ultimately require more or less effort per task. If at any time during the execution of this contract, HEI believes that the total hours expended will exceed the contract amount; they will notify City of Blair immediately.

1 PROJECT MANAGEMENT

Task 1.1. Monthly Invoicing and Project Updates

Monthly invoicing and project status updates.

2 DRAINAGE ANALYSIS

Task 2.1. Site Survey

Includes collection of survey of site conditions of building finish floors, flagged utilities and sprinklers, curb elevation and locations, and storm drain pipe elevations for use in site analysis and final design. Assumes one visit for survey collection with landowner sprinklers marked in advance – HEI will reach out to HOA president. Assumes no legal lot or temporary access surveys required.

Task 2.2. H&H Analysis

Includes creation of 2D HEC-RAS model to analyze current flow conditions and possible drainage improvements. HEI will analyze hydrology for Southfork RD to determine flood frequency flows to north side of Southfork Association. Analysis assumes use of 1D effective model structure data when necessary for evaluation as well as South Creek hydrology within 1D effective model and Aug 9, 2025 flow rates previously determined by HEI. Analysis includes storm drains as pipe networks within the 2D HEC-RAS model.

Task 2.3. TM Report

Drafting a brief TM of findings from H&H Analysis to document items considered and reasons for selected alternative. Analysis and Report work assume no fill will occur within the floodway with floodplain work being performed in a conveyance shadow indicating no rise within floodplain. Report will include selected drainage improvements, design decisions, and schematic of grading for City of Blair documentation. TM will include no-rise certification letter by hydraulic shadow justification if necessary for floodplain permit.

Task 2.4. Conveyance and Erosion Protection Design

Includes design of conveyance mechanisms and related erosion protection for relocation of water back into South Creek. Assumes all work will occur above OHWM and not require 404 permitting.

3 DRAINAGE REPAIR CONCEPTS

Task 3.1. Grading and Figures

Develop and draft grading concepts and material takeoffs for City of Blair Public Works Department to construct. Will include a proposed grading surface, design details, and material quantities.

Note: This scope does not currently include bidding or construction observation services. Scope assumes construction work to be completed by Public Works staff and as such does not include full planset. Based on our site inspection, the scope assumes all work will be above OHWM and not require 404 permitting. Scope assumes City of Blair will obtain required access permission, NPDES permit and perform SWPPP inspections.



- 1.1 Assumes project lasts 3 months
- 2.1 One site visit for: site survey and OneCall utility check, assumes landowners will have sprinklers marked
- 2.2 Assumes analyzing Southfork RD hydrology to determine flood frequency flows for north side of area, assumes use of existing FIS mapping flows for South Creek and determined flow rates for Aug 9, 2025 storm event. Creation of 2D model utilizing information from 1D effective model to implement structures where necessary (Clark ST and HWY 30 crossings), addition of pipe networks into ras model to include storm drains, use of lidar and survey information to create 2D model.
- 2.3 Assumes short TM of findings from HH analysis, assumes no fill in floodway and floodplain and letter for floodplain work
- 2.4 Assumes all work will occur above OHWM and not require 404 permitting
- 3.1 Assumes development of material takeoffs