

**FIRST AMENDMENT  
TO ENGINEERING AGREEMENT FOR  
HYDRAULIC ANALYSIS AND PLAN PREPARATION  
OF LANCASTER COUNTY STRUCTURES H-128, H-130 AND J-143**

**THIS AMENDMENT** entered into this \_\_\_\_ day of July, 2017, by and between the firm of **JEO**, hereinafter referred to as the "**ENGINEER**", and Lancaster County, hereinafter referred to as the "**COUNTY**". Collectively the County and the Engineer may be referred to as "the Parties."

WHEREAS, on February 21, 2017, the Parties previously entered into a contract for hydraulic analysis and plan preparation of County structures H-128, H-130, and J-143, under County Contract No. C-17-0162 ("the Agreement"); and

WHEREAS, the Parties wish to amend the Agreement to add additional plan preparation services related to structure H-130;

NOW, THEREFORE, in consideration of the mutual covenants contained herein and in the Agreement, the Parties hereto agree as follows:

1. The Agreement shall be amended by requiring the Engineer to perform the following additional plan preparation services:

The professional engineering services for the First Amendment are associated with pulling in the limits of construction near the tap pipe headwall located at the southwest corner of Structure H-130 (from approximately Station 16+50+00 to Station 17+50, Left). The following tasks will be performed pursuant to the First Amendment.

- |       |   |
|-------|---|
| 2-T   | Change Lt Ditch Width, Foreslope past hinge point 4:1 to 3:1, Backslope change 3:1 to 2:1   |
| 2-S   | Update quantities for Erosion Control, Silt Fence, Earthwork, Water, and Seeding Type "A"   |
| 2-A   | Update Loc's and position of SW Ditch Culvert   |
| 2-N   | Update Earthwork Quantity table   |
| 2-L   | Draft Erosion Control Blanket on SW Ditch, Adjust Loc's, Adjust Erosion Control Blanket, Silt Fence and Seeding Type "A" quantities |
| 3     | Change Construction Note offset for SW Ditch Culvert position, Adjust SW loc's and ditch flow lines                                 |
| 4     | Adjust SW Ditch Culvert construction note   |
| R1    | Adjust Loc's SW Ditch, adjust permanent easement lines, label, hatch and calculate areas  |
| X1-X2 | Adjust Lt Ditch slopes and width past hinge point, relabel, calculate end areas and Earthwork                                       |

Coordination and project management are included in the fee.

2. Section VI.A.1 of the Agreement shall be amended by:

- a. inserting a lump sum fee of \$2,460.00 for the additional plan preparation services added to the Agreement pursuant to the First Amendment; and
  - b. revising the total fee for all services under the Agreement, as amended, from \$34,400.00, to \$36,860.00.
3. All other terms and conditions of the Agreement not in conflict with this Amendment, shall remain in force and effect.
4. This Amendment shall be binding upon the Parties, their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

EXECUTED this 12<sup>th</sup> day of July, 2017, by the ENGINEER.

By: 

Name: ERIC S. DIXON

Title: SR. PROJECT MANAGER

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2017, by the COUNTY.

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

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

Title: Chair, Lancaster County Board of Commissioners

APPROVED AS TO FORM  
this \_\_\_\_\_ day of \_\_\_\_\_, 2017

\_\_\_\_\_  
Deputy County Attorney  
for Joe Kelly  
County Attorney