

**ARLINGTON COUNTY, VIRGINIA**

**AGREEMENT NO. 19-265-9  
AMENDMENT NUMBER 8**

This Amendment Number 8 is made on 6/12/2023 by the County and amends Agreement Number 19-265-9 ("Main Agreement") dated August 12, 2019 between Sagres Construction Corporation ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor agree to amend the Main Agreement as follows:

1. Section 4: **Time for Completion**

The Period of Performance for the Project shall be retroactively extended to December 31, 2023. The Project achieved Substantial Completion in December 2022. This extension is to allow the Contractor time to complete the following Final Completion items: 1) Install replacement Luminator mounting brackets that were redesigned and fabricated by Future Systems. 2) After Dominion Energy performs meter installations for the Phase 1 shelters (Glebe, Oakland, Buchanan and Four Mile Run Stations), the Contractor shall return to the site and make the final connections to the breakers within the meter pedestals and energize the stations' lights and real time displays.

2. Add the attached Proposed Change Order (PCO) 20 - temporary bus stop landings for Segment H/I stations, which is incorporated into and made a part of this Amendment. Contractor shall furnish and install temporary asphalt landings to accommodate boarding and de-boarding from the front and rear bus doors at the temporary bus stops located west of the Dinwiddie westbound stop, west of the Greenbrier eastbound stop and west of the Columbus eastbound stop.

3. Section 5: **Contract Amount**

This is a Fixed-Priced Contract Amendment 8 in the Not-To-Exceed amount of \$23,792.26 for this portion of the work.

Below is a summary of contract amount.

AGREEMENT AMOUNT

| Date      | Description           | Amount         | Comments   |
|-----------|-----------------------|----------------|--|
| 8/12/2019 | Agreement Amount      | \$1,372,250.70 |  |
|           | Add-Alternate A       | -\$87,300.00   | Not elected - Map case, benches, and lean bar: \$87,300                                  |
|           | Add-Alternate C       | Included       | Elected - Public art: \$20,700   |
|           | Optional Items        | -\$5,600.00    | Not elected - Film for flag poles: \$5,600   |
| 2/26/2020 | Amendment #1          | -\$38,109.39   | Bud pad elimination, additional windscreen (PCO1), project sequencing (PCO2)             |
| 7/31/2020 | Amendment #2          | \$124,863.75   | Additional sawcut at Buchanan Street (PCO7) and Extended Station at Glebe Road (PCO9)    |
| 1/29/2021 | Amendment #3          | \$1,915.23     | Mudmat Flag Foundation at Oakland Street (PCO8)  |
| 4/23/2021 | Amendment #4          | \$6,799.47     | Delay during drilling of pier at S. Four Mile Run station (PCO10R)                       |
| 4/19/2022 | Amendment #5          | \$23,478.86    | Electrical work and relocation of existing light pole (PCO 13)                           |
| 5/13/2022 | Amendment #6          | \$220,154.11   | Storage area set up and material delivery (PCO 18)                                       |
| 9/6/2022  | Amendment #7          | \$823,541.28   | Install additional four stations and modifications to complete Phase 1 stations (PCO 19) |
| 9/6/2022  | Amendment #7          | \$89,944.36    | Replace electric meter pedestals for four stations (PCO 15)                              |
| 6/8/2023  | Amendment #8          | \$23,792.26    | Temporary bus stop landings for Segment H/I Stations (PCO 20)                            |
|           | Total Contract Amount | \$2,555,730.63 |  |

All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

AUTHORIZED: DocuSigned by:  
SIGNATURE: *Sy Gezachew*  
NAME: Sy Gezachew  
TITLE: PROCUREMENT OFFICER  
DATE: 6/12/2023

SAGRES CONSTRUCTION CORPORATION

AUTHORIZED: DocuSigned by:  
SIGNATURE: *Dejan Dragacevac*  
NAME: Dejan Dragacevac  
TITLE: Vice President  
DATE: 6/12/2023



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July 12, 2022

Mr. John D. (Jay) Lawson  
Program Manager  
Department of Environmental Services  
Facilities Design and Construction  
1400 North Uhle Street, Suite 403  
Arlington, Virginia 22201

**Reference: Columbia Pike Transit Stations, Arlington VA  
Segment H&I Stations  
(S. Dinwiddie St. EB, S. Columbus St. EB; and, Greenbriar WB)  
Contract No.: 19-265-9  
PCO 20 - Temporary Bus Stops / Additional Work**

Mr. Lawson,

Sagres Construction Corporation (Sagres) is pleased to submit for your consideration our Cost Estimate for the additional work indicated during our site visit to the aforesaid stations on 7/12/2022. This cost proposal has been completed to include all costs associated with required work as follows:

S. Dinwiddie Street EB Temporary Bus Station Landing

- (i) Removal of existing plantings in two areas located 23.5' (center to center). The dimensions of each area are 6'x6' for installation of landing. Each area extends from back of curb to edge of existing sidewalk. Specific locations are included in the attached sketch.
- (ii) Placement of 4-inch of VDOT 21A as subbase for the temporary landing.
- (iii) Placement of 2-inch of BM-25.0 asphalt base 21A as subbase for the temporary landing.

S. Columbus Street EB Temporary Bus Station Landing

- (i) Removal of existing plantings in two areas located 23.5' (center to center). The dimensions of each area are 6'x6' for installation of landing. Each area extends from back of the curb to edge of existing sidewalk. Specific locations are included in the attached sketch.
- (ii) Placement of 4-inch of VDOT 21A as subbase for the temporary landing.
- (iii) Placement of 2-inch of BM-25.0 asphalt base 21A as subbase for the temporary landing.

S. Columbus Street EB Temporary Bus Station Landing

- (i) Removal of existing plantings in two areas located 23.5' (center to center). The dimensions of one area is 6'x6' and the second area is 6'x2' due to the presence of an existing concrete inlet structure. The first area extends from back of curb to edge of existing sidewalk. Second area extends from edge of existing sidewalk to edge of existing concrete structure. Specific locations are included in the attached sketch.
- (ii) Placement of 4-inch of VDOT 21A as subbase for the temporary landing.
- (iii) Placement of 2-inch of BM-25.0 asphalt base 21A as subbase for the temporary landing

The attached cost proposal has been developed considering the following notes and exclusions:

1. Work shall be completed on or before 7/22/2022 under existing permits issued by Arlington County for upcoming stations on Segment H&I
2. Arlington County shall coordinate with Transportation Department for closing/relocation of each station at no cost to Sagres and notify Arlington County Transit Authority and users.
3. Arlington County shall notify all residents impacted by above indicated work in order to ensure safe pedestrian traffic.
4. Sagres will dispose of existing plantings in all indicated areas and remove any excess dirt from site.
5. Costs reflect personnel costs as per updated Prevailing Wages.
6. MOT has been estimated at 6% of contract value of this Additional Work.
7. Mobilization cost shall be per actual estimated rates.
8. Cost for Pre-Con Survey has been included.

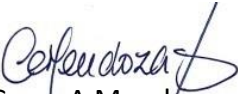
**COST:**

|  |             |
|--|-------------|
| Site Mobilization (per Contract Rates / \$2,500.00/ each)    | \$ 7,500.00 |
| Site Work (including Labor/Equipment/Material/Misc. Charges) | \$16,292.26 |

|  |                     |
|--|---------------------|
| <b>Cost for PCO 20 – Temporary Bus Stations / 3 Stations / Segment H&amp;I</b> | <b>\$ 23,792.26</b> |
|--|---------------------|

Based on the estimated time for completion of this work, we kindly request you consider a time extension of **2 days** from date of approval. Please let us know if anything else is needed to formalize this request.

Thank you in advance for your time and attention in this matter.



Cesar A Mendóza

Project Manager

[cesar@sagresconstruction.com](mailto:cesar@sagresconstruction.com)

## Cost Proposal

**Project: Columbia Pike Transit Stations - Temporary Asphalt Landings / 3 Stations Segment H&I**

**Period: July 2022 (2 days)**

**Description of work: Installation of two 5'x6' asphalt landings separated 23.5' center to center at S. Dinwiddie Street EB; S. Columbus Street EB; and Greenbriar Street WB**

| Labor                 | Hours   |          | Rate (Per Hour) |           | Total               |
|-----------------------|---------|----------|-----------------|-----------|---------------------|
|                       | Regular | Overtime | Regular         | Overtime  |                     |
| Labor Type            |         |          |                 |           |                     |
| Foreman               | 16.00   | 0.00     | \$ 70.30        | \$ 105.45 | \$ 1,124.80         |
| Laborer               | 48.00   | 0.00     | \$ 51.29        | \$ 76.94  | \$ 2,461.92         |
| Operator (Skid Steer) | 16.00   | 0.00     | \$ 62.00        | \$ 93.00  | \$ 992.00           |
| Excavator Operator    | 16.00   | 0.00     | \$ 62.00        | \$ 93.00  | \$ 992.00           |
| Truck Driver          | 16.00   | 0.00     | \$ 55.00        | \$ 82.50  | \$ 880.00           |
| Labor Subtotal        |         |          |                 |           | \$ 6,450.72         |
| Labor Burden          |         |          |                 | 51.9%     | \$ 3,347.92         |
| Subtotal              |         |          |                 |           | \$ 9,798.64         |
| Overhead and Profit   |         |          |                 | 15%       | \$ 1,469.80         |
| <b>Total Labor</b>    |         |          |                 |           | <b>\$ 11,268.44</b> |

| Equipment                 |  |       |          |      |                    |
|---------------------------|--|-------|----------|------|--------------------|
| Equipment Type            |  | Hours | Rate     | Unit | Total              |
| Excavator John Deere 135G |  | 16.00 | \$ 75.91 | Hour | \$ 1,214.56        |
| Skid Steer                |  | 16.00 | \$ 37.93 | Hour | \$ 606.88          |
| Pickup Truck              |  | 16.00 | \$ 17.00 | Hour | \$ 272.00          |
| Subtotal                  |  |       |          |      | \$ 2,093.44        |
| Overhead and Profit       |  |       |          | 15%  | \$ 314.02          |
| <b>Total Equipment</b>    |  |       |          |      | <b>\$ 2,407.46</b> |

| Materials                                       |          |            |           |     |                    |
|---|----------|------------|-----------|-----|--------------------|
| Description                                     | Quantity | Unit Price | Units     |     | Total              |
| Base Asphalt (BM-25.0)                          | 5.00     | CY         | \$ 165.00 |     | \$ 825.00          |
| Short Load Fee                                  | 1.00     | EACH       | \$ 216.00 |     | \$ 216.00          |
| VDOT 21A  | 4.00     | TON        | \$ 35.95  |     | \$ 143.80          |
| Material and Miscellaneous Charges Subtotal     |          |            |           |     | \$ 1,184.80        |
| State Tax                                       |          |            |           | 6%  | \$ 71.09           |
| Overhead and Profit                             |          |            |           | 10% | \$ 118.48          |
| <b>Total Material and Miscellaneous Charges</b> |          |            |           |     | <b>\$ 1,374.37</b> |

| Miscellaneous Charges                       |          |            |      |     |                     |
|---|----------|------------|------|-----|---------------------|
| Description                                 | Quantity | Unit Price | Unit |     | Total               |
| Disposal                                    | 1.00     | \$ 230.00  | LS   |     | \$ 230.00           |
| Pre Construction Conditions Survey          | 1.00     | \$ 850.00  | LS   |     | \$ 850.00           |
| Material and Miscellaneous Charges Subtotal |          |            |      |     | \$ 1,080.00         |
| Overhead and Profit                         |          |            |      | 15% | \$ 162.00           |
| <b>Total Subcontractors</b>                 |          |            |      |     | <b>\$ 1,242.00</b>  |
| <b>Total Cost (Excavation and Concrete)</b> |          |            |      |     | <b>\$ 16,292.26</b> |



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## S. DINWIDDIE

Location 1



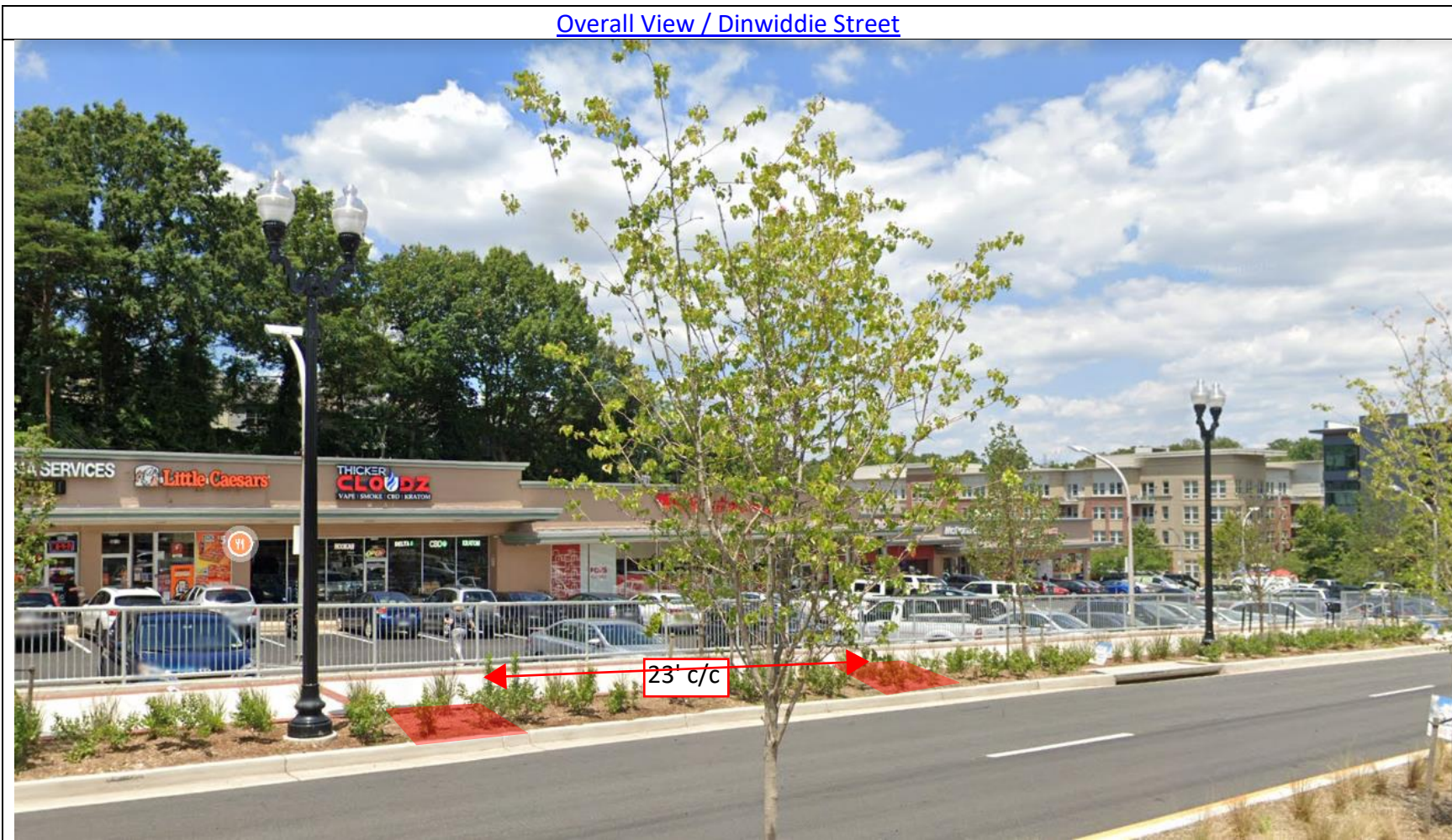
Location 2



 2-inch of BM-25.0 from back of curb to edge of sidewalk



Overall View / Dinwiddie Street





## Columbus Street Station

Location 1



Location 2



2-inch of BM-25.0 from back of curb to edge of sidewalk



Overall View / Columbus Street Station



2-inch of BM-25.0 from back of curb to edge of sidewalk

## Greenbriar Street Station WB

Location 1



Location 2



2-inch of BM-25.0 from back of curb to edge of sidewalk



Overall View / Greenbriar Street Station



2-inch of BM-25.0 from back of curb to edge of sidewalk