

## CONTRACT CHANGE ORDER NO. 1

<b>AIRPORT</b> <u>Augusta Regional Airport</u>	<b>Date</b> <u>March 30, 2023</u>
<b>LOCATION</b> <u>Augusta, GA</u>	<b>AIP No.</b> <u>3-13-0011-054-2022</u>
<b>PROJECT</b> <u>Construct Standard Aero Ramp Rehabilitation – 0119700-202062.03</u>	<b>CONTRACTOR</b> <u>ER Snell Contracting, Inc.</u>

You are requested to perform the following described work upon receipt of an approved copy of this document or as directed by the engineer.

Item No.	Bid Alternate	Description	Unit	Unit Price	Quantity	Amount
<b>Extra Work – Base Bid</b>						
C-105.1	Base	Mobilization, Cleanup, and Demobilization	LS	\$10,341.70	1	\$10,341.70
P-101.1	Base	Asphalt Concrete Pavement Removal, Full Depth, Off Site	SY	\$12.50	27	\$337.50
P-152.1	Base	Unclassified Excavation, Dispose Off-Site	CY	\$41,75	40	\$1,670.00
P-401.1	Base	Asphalt Concrete Surface Course	TON	\$193.00	4	\$860.01
331000.1a	Base	6” Restrained Joint, eDuctile Iron Pipe	LF	\$145.00	60	\$8,700.00
333000.1a	Base	6” Ductile Iron Pipe, P401, Lined Sewer Main	LF	\$145.04	240	\$34,809.60
333000.1b	Base	4” PVC Sewer Service	LF	\$48.35	140	\$6,769.00
333000.1c	Base	Cleanout Assembly	EA	\$976.46	3	\$2,926.38
333000.1d	Base	Aggregate Stone Bedding for Sanitary Sewer	TON	\$49.57	60	\$2,974.20
333000.1e	Base	Connect to Existing Sanitary Sewer Main	EA	\$2,650.23	2	\$5,300.46
333000.1f	Base	Connect to Existing Sanitary Sewer Service	EA	\$2,061.35	2	\$4,122.70
<b>This Change Order Total</b>						<b>\$78,811.55</b>
<b>This Change Order Calendar Day Additions (Deletions)</b>						<b>0</b>
<b>Previous Change Order(s) Total</b>						<b>\$0.00</b>
<b>Previous Change Order(s) Calendar Day Additions (Deletions)</b>						<b>0</b>
<b>Original Contract Total</b>						<b>\$2,102,033.60</b>
<b>Original Contract Calendar Day Count Total</b>						<b>180</b>
<b>Revised Contract Total</b>						<b>\$2,180,845.15</b>
<b>Revised Contract Calendar Day Count Total</b>						<b>180</b>

The time provided for completion in the contract is unchanged (~~decreased~~) (~~increased~~) by **0 calendar days**. This document shall become the First Amendment to the contract and all provisions of the contract will apply.



## JUSTIFICATION FOR CHANGE

1. Brief description of the proposed contract Amendment and location(s).

### Quantity Adjustments:

N/A

### Extra Work/New Bid Item:

There are several items that were erroneously not included in the original bid or extra items not included in the original bid that will be necessary to complete the approved project scope. These items include:

- **C-105.1 Mobilization, Cleanup, and Demobilization:** Contractor mobilization outside the original constraints of the project's scope in order to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **P-101.1 Asphalt Concrete Pavement Removal, Full Depth, Off Site:** Additional asphalt pavement removal in order to revise location of proposed fire hydrant at ARFF per Sponsor's request.
- **P-152.1 Unclassified Excavation, Dispose Off Site:** Additional unclassified excavation in order to revise location of proposed fire hydrant at ARFF per Sponsor's request.
- **P-401.1 Asphalt Concrete Surface Course:** Additional asphalt pavement in order to revise location of proposed fire hydrant at ARFF per Sponsor's request.
- **331000.1a 6" Restrained Joint, eDuctile Iron Pipe:** Additional ductile iron pipe for 6" water line in order to revise location of proposed fire hydrant at ARFF per Sponsor's request.
- **333000.1a 6" Ductile Iron Pipe, P401, Lined Sewer Main:** 6" Lined Sewer main in order to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **333000.1b 4" PVC Sewer Service:** 4" PVC sewer service in order to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **333000.1c Cleanout Assembly:** Cleanout assemblies as part of the overall sanitary sewer work to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **333000.1d Aggregate Stone Bedding for Sanitary Sewer:** Stone bedding as part of the overall sanitary sewer work to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **333000.1e Connect to Existing Sanitary Sewer Main:** Necessary connections to existing sanitary sewer main as part of the overall sanitary sewer work to make necessary emergency Sanitary Sewer repair/replacements within project limits.
- **333000.1f Connect to Existing Sanitary Sewer Service:** Necessary connections to existing sanitary sewer service as part of the overall sanitary sewer work to make necessary emergency Sanitary Sewer repair/replacements within project limits.

### New Construction Specifications:

N/A

### Revised Construction Specifications

N/A

2. Reason(s) for the change(s) *(Continue on reverse if necessary)*

**C-105.1 Mobilization, Cleanup, and Demobilization** – During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. This additional mobilization was requested by the Contractor in order to address the emergency and includes all work required to make the sanitary repair. This line item includes but is not limited to the additional mobilization of men and equipment to the site along with labor and overhead associated with the work falling outside of normal working hours and the overall project schedule.

**P-101.1 Asphalt Concrete Pavement Removal, Full Depth, Off Site** – During the installation of the new 6” waterline and hydrant at the ARFF associated with the project, a request was made by the Sponsor and Tenant at Standard Aero to relocate the hydrant to the opposite corner of the building. This request was made in order to better serve the ARFF and remove any potential obstructions within the area where Standard Aero tugs aircraft. The additional asphalt demolition includes the area along the 60’ of additional 6” water line.

**P-152.1 Unclassified Excavation, Dispose Off Site** – During the installation of the new 6” waterline and hydrant at the ARFF associated with the project, a request was made by the Sponsor and Tenant at Standard Aero to relocate the hydrant to the opposite corner of the building. This request was made in order to better serve the ARFF and remove any potential obstructions within the area where Standard Aero tugs aircraft. The additional unclassified excavation includes extra material produced when constructing the 60’ of additional 6” water line.

**P-401.1 Asphalt Concrete Surface Course** – During the installation of the new 6” waterline and hydrant at the ARFF associated with the project, a request was made by the Sponsor and Tenant at Standard Aero to relocate the hydrant to the opposite corner of the building. This request was made in order to better serve the ARFF and remove any potential obstructions within the area where Standard Aero tugs aircraft. The additional asphalt includes the extra new pavement along the 60’ of additional 6” water line.

**331000.1a 6” Restrained Joint, eDuctile Iron Pipe** – During the installation of the new 6” waterline and hydrant at the ARFF associated with the project, a request was made by the Sponsor and Tenant at Standard Aero to relocate the hydrant to the opposite corner of the building. This request was made in order to better serve the ARFF and remove any potential obstructions within the area where Standard Aero tugs aircraft. The additional 6” ductile pipe the extra pipe associate with the 60’ of additional 6” water line.

**333000.1a 6” Ductile Iron Pipe, P401, Lined Sewer Main** – During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. This new 6” ductile iron lined sewer main is required to make the sanitary sewer repair/replacement of the existing clay pipe. This line item includes the additional pipe necessary to complete the work.

**333000.1b 4” PVC Sewer Service** – During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. This new 4” PVC sewer service line item is required to make the sanitary sewer repair/replacement of the existing clay pipe and connect to the existing services coming from the ARFF and ATCT. This line item includes the additional pipe necessary to complete the work.

**333000.1c Cleanout Assembly** – During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. The new cleanout assembly line item is required as part of the overall sanitary sewer repair/replacement. This line item includes the cleanout assemblies at pipe junctions in order to complete the work and provide ease of access in the future.

**333000.1d Aggregate Stone Bedding for Sanitary Sewer** – During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time,

it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. This additional aggregate bedding is required to make the sanitary sewer repair/replacement of the existing clay pipe. This line item includes the pipe bedding necessary to complete the work.

**333000.1e Connect to Existing Sanitary Sewer Main** - During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. The connection of the new sanitary sewer main to the existing main is required to make the sanitary sewer repair/replacement of the existing clay pipe. This line item includes making any connections to the existing main at the project limits.

**333000.1f Connect to Existing Sanitary Sewer Service** - During work within Work Area 1 of the Standard Aero Ramp rehabilitation project, existing sanitary sewer pipe was discovered once all excavation was completed prior to placing the aggregate base course. The existing sewer line was clay and appeared to have had repairs completed in the past. During construction operations, vibrations from equipment caused a portion of the clay pipe to break. At this time, it was determined between the Sponsor, Contractor, and Consultant that the best way to move forward to address the break and inadequate pipe material was to replace the entirety of the sanitary sewer pipe within the project limits. The connection of the new sanitary sewer service to the existing service is required to make the sanitary sewer repair/replacement of the existing clay pipe. This line item includes making any connections to the existing service(s) at the project limits.

3. The Sponsor's share of this cost is available from:

NA

4. If this is a supplemental agreement involving more than \$2,000, is the cost estimate based on the latest wage rate decision? Yes  No  Not Applicable

5. Has consent of surety been obtained? Yes  Not Necessary

6. Will this change affect the insurance coverage? Yes  No

7. If yes, will the policies be extended? Yes  No  Not Applicable

8. Has this Change Order been discussed with FAA officials? Yes  No

When: 3/30/2023

With Whom: Mrs. Laura Breeding

Comment(s):

**Augusta Regional Airport  
Standard Aero Ramp Rehab (Base Bid)  
CARES #: 3-13-0011-045-2020**

Progress Payment Application: CCO #1  
For Period Ending: -

CCO No.	Spec.	Description	Unit of Issue	Quantity	Unit Price	Extended Price	Approved Quantity	Approved Amount	Quantity to Date	Amount to Date
1	C-105.1	Mobilization, Cleanup, and Demobilization	LS	1	\$ 10,341.70	\$ 10,341.70		\$ -	0.0	\$ -
1	P-101.1	Asphalt Concrete Pavement Removal, Full Depth, Off Site	SY	27	\$ 12.50	\$ 337.50		\$ -	0.0	\$ -
1	P-152.1	Unclassified Excavation/Dispose Off Site	CY	40	\$ 41.75	\$ 1,670.00		\$ -	0.0	\$ -
1	P-401.1	Asphalt Concrete Surface Course	TON	4	\$ 193.00	\$ 860.01		\$ -	0.0	\$ -
1	331000.1a	6" Restrained Joint, eDuctile Iron Pipe	LF	60	\$ 145.00	\$ 8,700.00		\$ -	0.0	\$ -
1	333000.1a	6" Ductile Iron Pipe, P401, Lined Sewer Main	LF	240	\$ 145.04	\$ 34,809.60		\$ -	0.0	\$ -
1	333000.1b	4" PVC Sewer Service	LF	140	\$ 48.35	\$ 6,769.00		\$ -	0.0	\$ -
1	333000.1c	Cleanout Assembly	EA	3	\$ 975.46	\$ 2,926.38		\$ -	0.0	\$ -
1	333000.1d	Aggregate Stone Bedding for Sanitary Sewer	TON	60	\$ 49.57	\$ 2,974.20		\$ -	0.0	\$ -
1	333000.1e	Connect to Existing Sanitary Sewer Main	EA	2	\$ 2,650.23	\$ 5,300.46		\$ -	0.0	\$ -
1	333000.1f	Connect to Existing Sanitary Sewer Service	EA	2	\$ 2,061.35	\$ 4,122.70		\$ -	0.0	\$ -
						<b>Subtotal</b>		<b>\$0.00</b>	<b>0</b>	<b>\$0.00</b>





**DATE:** February 21, 2023

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**TO:** E.R. Snell Contractor, Inc.  
Attn. Dustin Daniel  
1785 Oak Road  
Snellville, GA

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**FROM:** Ashlind Contracting Corporation  
P.O. Box 758  
Washington, Georgia 30673

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**PROJECT:** AGS Aero Ramp

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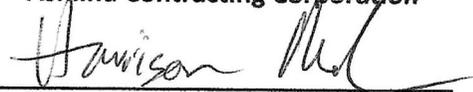
### Change Order #1 - Sanitary Sewer Improvemnts

Description	Quantity	Unit Price	Total
Connect to Ex. Sewer Main	2.00 EA	\$2,650.23	\$5,300.46
Connect to Ex. Sewer Service	2.00 EA	\$2,061.35	\$4,122.69
6" DIP P401 Lined Sewer Main	240.00 LF	\$145.04	\$34,809.53
4" PVC Sewer Service	140.00 LF	\$48.35	\$6,769.69
Cleanout Assembly	3.00 EA	\$975.46	\$2,926.38
Stone Bedding	60.00 TN	\$49.57	\$2,974.14
<b>Net Change To Contract Amount:</b>			<b>\$56,902.89</b>

Notes:

1. No removal or disposal of unsuitable soils included in bid.
2. No import of select fill material included in bid.
3. Stone bedding per Richmond county detail.

**Ashlind Contracting Corporation**

**BY:** 

**TITLE:** Project Manager

