



# Agenda Report

2725 Judge Fran Jamieson  
Way  
Viera, FL 32940

## Consent

F.6.

4/21/2020

### Subject:

Approval Re: Construction Contract Change Orders for the Intelligent Transportation System Construction for the St. Johns Heritage Parkway Northern Segment - District 5

### Fiscal Impact:

\$836,200.04 for the additional work pertaining to the Intelligent Transportation System, specifically \$551,200.04 for Phase 1 (Change Order No. 7) and authorization up to \$285,000 for Phase 2. These costs will be reimbursed 50% by the State of Florida Department of Transportation County Incentive Grant Program. The County's portion of \$418,100.02 will be provided from Constitutional Gas Tax funds previously allocated to the project. No new funds are being allocated to the project.

### Dept/Office:

Public Works Department/Finance and Contracts Administration

### Requested Action:

It is requested the Board of County Commissioners: 1) approve and authorize the Chair to execute Contract Change Order No. 7 in the amount of \$551,200.04 to Jr. Davis Construction, Co., Inc. for the construction of the Phase 1 Intelligent Transportation System (I.T.S.) work for the St. Johns Heritage Parkway Northern Segment; 2) approve and authorize the Chair to execute the future change order up to \$285,000 for the Phase 2 I.T.S. construction work; 3) authorize the release of the five percent retainage and the additional \$50,000 As-Built Survey Drawings withholding, excluding I.T.S. work, if the project is deemed Substantially Complete by the County; and 4) approve any necessary Budget Change Requests associated with this action.

### Summary Explanation and Background:

Contract Change Order No. 7 addresses the expansion of the original Intelligent Transportation System (I.T.S.) work scope to include improvements along the S.J.H.P. from State Road 500 (US 192) to the Ellis I-95 Interchange. Phase 1 of the I.T.S. project includes the installation of conduit, fiber optic cabling, pull and splice boxes, and Vehicle Detection Systems, as shown in Engineering Revision #5 of the construction plans. Change Order No. 7 will result in a net increase of \$551,200.04 to the contract amount, and an additional 91 calendar days will be added to the contract time. The additional 91 calendar days is limited to the I.T.S. Phase 1 expansion work.

The I.T.S. Phase 2 design is complete and will result in Engineering Revision #6. This revision also expands the original I.T.S. work scope to finalize the improvements along the S.J.H.P. from US 192 to the Ellis I-95 Interchange, including the installation of I.T.S. devices, power services, support structures and associated communication/power wiring and cabinets. The estimated cost for the I.T.S. Phase 2 additional work is approximately \$285,000.00. A future change order will address the cost and time associated with the construction of the I.T.S. Phase 2 work.

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The revised contract completion date will be January 18, 2021. The current Substantial Completion date of the contract work, including all change orders not related to I.T.S. expansion work, remains September 19, 2020. At the request of the contractor, County staff is requesting Board approval to release the current five percent retainage and the additional \$50,000 As-Built Survey Drawings withholding, excluding the I.T.S. work, if the project is deemed substantially complete by the County as defined in Section 2 of the Contract Documents. As provided for in FL Statute, Section 218.73, the County may release retainage prior to final completion at the County's discretion. The County will then retain five percent of the Change Order No. 7 amount, including the future change order for Phase 2, and an additional \$5,000 for the I.T.S. As-Built Survey Drawings until the project is completed and accepted by the County. The County reserves all legal rights and remedies under the contract, including completion provisions such as Liquidated Damages.

In accordance with Administrative Order-29, Contract and Grant Administration, change orders greater than \$100,000 require Board approval. Change Order No. 7 has been reviewed and approved by the County Attorney's Office and Risk Management.

**Clerk to the Board Instructions:**

Please return Contract Change Order No. 7 for the Phase 1 I.T.S. work for the St. Johns Heritage Parkway Northern Segment to the Public Works Department for further execution.



April 22, 2020

**M E M O R A N D U M**

**TO:** Corrina Gumm, Interim Public Works Director

**RE:** Item F.6., Approval for Construction Contract Change Orders for the Intelligent Transportation System (I.T.S.) Construction for the St. Johns Heritage Parkway Northern Segment

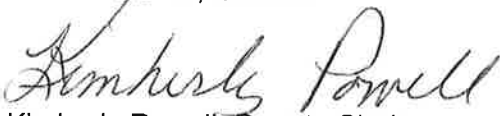
The Board of County Commissioners, in regular session on April 21, 2020, approved and authorized the Chair to execute the Contract Exchange Order No. 7 in the amount of \$551,200.04 to Jr. Davis Construction Co., Inc. for the construction of the Phase 1 I.T.S. work for the St. Johns Heritage Parkway Northern Segment; approved and authorized the Chair to execute the future change order up to \$285,000 for the Phase 2 I.T.S. construction work; authorized the release of the five percent retainage and the additional \$50,000 As-Built Survey Drawings withholding, excluding I.T.S. work, if the project is deemed substantially complete by the County; and approved any necessary budget change requests associated with this action. Enclosed is an executed Contract Change Order.

**Upon execution by all parties, please return a fully-executed Contract Change Order to this office for inclusion of the official minutes.**

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
SCOTT ELLIS, CLERK

  
Kimberly Powell, Deputy Clerk

Encl. (1)

cc: Contracts Administration  
Finance  
Budget



BOARD OF COUNTY COMMISSIONERS

**Public Works Department**  
2725 Judge Fran Jamieson Way  
Building A, Room 201  
Viera Florida 32940  
321-617-7202

## **Contract Change Order #7**

**Originating Department:** Public Works Department

**Contract Number:** 4256

**Project Title:** St. Johns Heritage Parkway (S.J.H.P.) Northern Segment

**Original Contract Amount:** \$10,482,615.27

**List Previous Change Orders (C.O.) by Number and Price:** C.O.#1 \$3,450.00, C.O.#2 \$24,900.75, C.O.#3 \$22,405.39, C.O.#4 \$38,966.55, C.O.#5 \$63,368.50, C.O.#6 \$3,816.33

**Proposed Change Order Description and Cost:** Contract Change Order (C.O.#7) addresses the expansion of the original Intelligent Transportation System (I.T.S.) work scope to include improvements along the S.J.H.P. from State Road 500 (US 192) to the Ellis I-95 Interchange. Phase 1 of the I.T.S. project includes the installation of conduit, fiber optic cabling, pull and splice boxes, and Vehicle Detection Systems, as shown in Engineering Revision #5 of the construction plans.

Contract C.O.#7 will result in a maximum net increase of \$551,200.04 to the contract amount, and an additional 91 calendar days will be added to the contract time. The additional 91 calendar days is limited to the I.T.S. Phase 1 expansion work. The revised contract completion date will be January 18, 2021. The current Substantial Completion date of the contract work, including all change orders not related to I.T.S. expansion work, remains September 19, 2020. If the project is deemed substantially complete by the County as defined in Section 2 of the Contract Documents, excluding I.T.S. expansion work, the current five percent retainage amount will be released to the Contractor as provided for in FL Statute, Section 218.73. Upon acceptance of the As-Built Survey Drawings, excluding the I.T.S. work, by the County, the additional \$50,000 As-Built Survey Drawing withholding will be released to the Contractor. The County will then retain five percent of the C.O.#7 amount and an additional \$5,000 for the I.T.S. As-Built Survey Drawings until the project is completed and accepted by the County. The County reserves all legal rights and remedies under the Contract, including completion provisions such as Liquidated Damages.

The I.T.S. Phase 2 design is complete and will result in Engineering Revision #6. This revision also expands the original I.T.S. work scope to finalize the improvements along the S.J.H.P. from US 192 to the Ellis I-95 Interchange, including the installation of I.T.S. devices, power services, support structures and associated communication/power wiring and cabinets. The estimated cost for the I.T.S. Phase 2 additional work is approximately \$285,000.00. A future change order will address the cost and time associated with the construction of the I.T.S. Phase 2 work.

**Signature page for Contract Change Order 7, Contract Number 4256**

Approvals:


\_\_\_\_\_  
John R. Burkett, P.E., DRMP, Inc.  
Engineer of Record

\_\_\_\_\_  
Rachel Gerena, P.E., Public Works Engineering  
Brevard County

\_\_\_\_\_  
Corrina Gumm, Interim Public Works Director  
Brevard County

Attest:

Board of County Commissioners of  
Brevard County, Florida

  
\_\_\_\_\_  
Scott Ellis, Clerk

By:   
\_\_\_\_\_  
Bryan Lober, Chair

As approved by the Board on: 4/21/2020

Corporate SEAL

Jr. Davis Construction Co., Inc.

By: \_\_\_\_\_  
James B. Davis, Jr., President

ACKNOWLEDGMENT  
STATE OF FLORIDA  
COUNTY OF OSCEOLA

I hereby certify that on this day, before me, an officer duly authorized in the state and county aforesaid to take acknowledgments, personally appeared \_\_\_\_\_ known to be the President of Jr. Davis Construction Co., Inc., who executed the foregoing instrument, and they acknowledged before me that they executed the same.

Witness my hand and official seal, \_\_\_\_\_ day of \_\_\_\_\_, 2020.

Notary Public  
State of Florida  
My Commission Expires:

St. John's Heritage Parkway - North Section  
 Project #0650001  
 Change Order #7

Item Number	Description	Reference	Unit		Previous Contract		Revised Contract		New Change	
			Price	Unit	Quantity	Amount	Quantity	Amount	Quantity	Amount
101-1B	Mobilization:	RFI#14	31,753.12	LS	0	\$0.00	1	\$31,753.12	1	\$31,753.12
102-1B	Maintenance of Traffic	RFI#14	1,800.00	LS	0	\$0.00	1	\$1,800.00	1	\$1,800.00
630-2-11A	Conduit (F&I) (Open Trench)	RFI#14	9.41	LF	0	\$0.00	3429	\$32,266.89	3429	\$32,266.89
630-2-12A	Conduit (F&I) (Directional Bore)	RFI#14	21.95	LF	0	\$0.00	5015	\$110,079.25	5015	\$110,079.25
630-2-14	Conduit (F&I) (Aboveground)	RFI#14	58.00	LF	0	\$0.00	60	\$3,534.00	60	\$3,534.00
633-1-121	Fiber Optic Cable, F&I, Underground, 2-12 Fibers	RFI#14	2.64	LF	0	\$0.00	125	\$330.00	125	\$330.00
633-1-123a	Fiber Optic Cable, F&I, Underground, 49-96 Fibers	RFI#14	2.76	LF	0	\$0.00	10169	\$28,066.44	10169	\$28,066.44
633-2-31b	Fiber Optic Connection, Install, Splice	RFI#14	41.07	EA	0	\$0.00	96	\$3,942.72	96	\$3,942.72
633-3-11	Fiber Optic Connection, Hardware, F&I, Splice Enclosure	RFI#14	880.00	EA	0	\$0.00	1	\$880.00	1	\$880.00
633-3-12	Fiber Optic Connection, Hardware, F&I, Splice Tray	RFI#14	56.88	EA	0	\$0.00	7	\$410.76	7	\$410.76
633-3-15	Fiber Optic Connection, Hardware, F&I, Preterminated Patch Panel	RFI#14	1,754.34	EA	0	\$0.00	1	\$1,754.34	1	\$1,754.34
635-2-11A	Pull & Splice Box (F&I) (13" x 24") Cover	RFI#14	997.72	EA	0	\$0.00	17	\$16,961.24	17	\$16,961.24
635-2-12	Pull & Splice Box (F&I) (24" x 36") Cover	RFI#14	1,465.60	EA	0	\$0.00	13	\$19,052.80	13	\$19,052.80
635-2-13	Pull & Splice Box (F&I) (30" x 60") Rect or 36" Round Cover	RFI#14	1,881.99	EA	0	\$0.00	2	\$3,763.98	2	\$3,763.98
684-1-1	Managed Field Ethernet Switch, F&I	RFI#14	3,749.24	EA	0	\$0.00	1	\$3,749.24	1	\$3,749.24
684-1-5	Managed Field Ethernet Switch, Adus/Modify	RFI#14	322.71	EA	0	\$0.00	1	\$322.71	1	\$322.71
660-3-11	Vehicle Detection System - Microwave, F&I Cabinet Equipment	RFI#14	5,163.97	EA	0	\$0.00	16	\$82,623.52	16	\$82,623.52
660-3-12	Vehicle Detection System - Microwave, F&I, Aboveground Equipment	RFI#14	9,048.96	EA	0	\$0.00	16	\$144,783.36	16	\$144,783.36
660-4-60	Vehicle Detection System - Video, Remove	RFI#14	1,871.69	EA	0	\$0.00	3	\$5,615.07	3	\$5,615.07
570-1-2	Performance Turf, Sod	RFI#14	2.90	SY	122153.3	\$354,244.57	123153.3	\$357,144.57	1000	\$2,900.00
N/A	Project Superintendent	RFI#14	671.24	DY	0	\$0.00	65	\$58,830.60	65	\$58,830.60
Totals						\$354,244.57		\$805,444.61		\$551,200.04

BREVARD COUNTY  
BOARD OF COUNTY COMMISSIONERS

## INITIAL CONTRACT REVIEW AND APPROVAL FORM

### SECTION I - GENERAL INFORMATION

1. Contractor:	
2. Fund/Account #:	3. Department Name:
4. Contract Description:	
5. Contract Monitor:	7. Contract Type:
6. Dept/Office Director:	

### SECTION II - REVIEW AND APPROVAL TO ADVERTISE

<u>COUNTY OFFICE</u>	<u>APPROVAL</u> <u>YES</u> <u>NO</u>	<u>SIGNATURE</u>
User Agency		_____
Risk Management		_____
County Attorney		_____

### SECTION III - REVIEW AND APPROVAL TO EXECUTE

<u>COUNTY OFFICE</u>	<u>APPROVAL</u> <u>YES</u> <u>NO</u>	<u>SIGNATURE</u>
User Agency		_____
Risk Management		_____
County Attorney		_____

### SECTION IV - CONTRACTS MANAGEMENT DATABASE CHECKLIST

CM DATABASE REQUIRED FIELDS	Complete ✓
Department Information	
Department	
Program	
Contact Name	
Cost Center, Fund, and G/L Account	
Vendor Information (SAP Vendor #)	
Contract Status	
Contract Title	
Contract Type	
Contract Amount	
Storage Location (SAP)	
Contract Approval Date	
Contract Effective Date	
Contract Expiration Date	
Contract Absolute End Date (No Additional Renewals/Extensions)	
Material Group	
Contract Documents Uploaded in CM database (Initial Contract Form with County Attorney/ Risk Management Approval; Signed/Executed Contract)	
"Right To Audit" Clause Included in Contract	
Monitored items: Uploaded to database (Insurance, Bonds, etc.)	