



Staff Report

File #: 15-733, **Version:** 1

Agenda Date: 12/15/2015

Subject:

Change Order No. 1 to the Agreement with Traffic Control Devices, Inc. for Advanced Traffic Management System/Intelligent Transportation System improvements on S.R. 693 (66th Street) from Gulf Boulevard to Park Boulevard.

Recommended Action:

Approve the Change Order for Advanced Traffic Management System/Intelligent Transportation System (ATMS/ITS) improvements on S.R. 693 (66th Street) from Gulf Boulevard to Park Boulevard.

Bid No. 145-0189-CP(DF); PID 000326A; in the amount of \$702,445.57, to be completed by October 1, 2016. Chairman to sign and the Clerk of Court to attest.

Strategic Plan:

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

4.5 Provide safe and effective transportation systems to support the efficient flow of motorists, commerce, and regional connectivity

Deliver First Class Services to the Public and Our Customers

5.3 Ensure effective and efficient delivery of county services and support

Summary:

Change Order No. 1 increases the County-approved expenditure for S.R. 693 ATMS/ITS Improvements from Gulf Boulevard to Park Boulevard by \$702,445.57 for a new contract total of \$3,139,882.57. The change order incorporates additional work that will complete the fiber optic network along S.R. 693 from Park Boulevard to U.S. Highway 19. The proposed additional work is the same type of work currently being performed and includes installation of fiber optic cable and conduit by directional bore, with minor amounts of trenching of conduit.

The change order increases the agreement term by fifty-nine (59) consecutive calendar days and allows for time to complete the additional work approved as part of this change order.

Background Information:

The S.R. 693 ATMS/ITS improvement project is funded in the Capital Improvement Program (CIP) for \$5,840,700, with fifty percent (50%), or \$2,920,350 funded through a Transportation Regional Incentive Program (TRIP) grant with the Florida Department of Transportation (FDOT). The grant covers the 66th Street corridor from Gulf Boulevard to U.S. Highway 19.

The segment from Park Boulevard to U.S. 19 (66th Street North ATMS) was designed and prepared for construction activities as a separate project in an effort to complete the installation of fiber optic cable prior to a planned FDOT resurfacing project that was being coordinated between the County

and FDOT. However, FDOT advanced their project in that segment of 66th Street. County and FDOT staff agreed it would not be beneficial to have these two projects constructed concurrently along this corridor due to heavy traffic volume. Therefore, the County's contractor for the segment of Park Boulevard to U.S. 19 was re-tasked with alternate work and that segment of fiber optic cable was not constructed.

The FDOT resurfacing project is nearing completion and staff believes it would be advantageous for the County to add this segment as part of the current construction project. This would allow the County to complete the installation of fiber optic cable in a seamless manner along this corridor at the current bid prices. This would also allow the County to benefit from the contractor being currently mobilized on the project, reduce construction down time, and greatly aid in fiber connectivity for the upcoming Bryan Dairy Road ATMS and Park Boulevard ATMS projects, which are both planned for construction advertisement in December 2015. A cost evaluation was completed between the original contract and the estimate provided by Traffic Control Devices, Inc. There is no overall cost difference between the two estimates and it will not have a negative financial impact on the 66th Street ATMS project.

Fiscal Impact:

Original Contract Total Approved: \$2,437,437.00
Increase due to Change Order No. 1: \$ 702,445.57
Revised Contract Total Amount: \$3,139,882.57

Fifty percent (50%) of the funding for this project is provided through a TRIP grant with FDOT and fifty percent (50%) is provided through the Local Option Gas Tax (9th Cent).

Staff Member Responsible:

Ken Jacobs, Section Manager, Traffic Engineering
Joe Lauro, Director, Purchasing

Partners:

N/A

Attachments:

Change Order No. 1
Cost Estimate
Project Financial Overview
Location Map



CONSTRUCTION CHANGE ORDER NO. 1

PROJECT: ATMS/ITS Improvements – SR 693 (66th Street) from Gulf Boulevard to Park Boulevard

CONTRACT NO.: 145-0189-CP(DF)

AGREEMENT DATE: June 2, 2015

COMMENCEMENT DATE: August 5, 2015

OWNER: Pinellas County

CONTRACTOR: Traffic Control Devices, Inc.

REASON FOR CHANGE:

This change incorporates additional work that will complete the fiber optic network along SR 693 (66th Street) and increases the contract amount by \$702,445.57. Specifically, the additional work includes the segment on 66th Street from Park Boulevard to US Highway 19. The change order is necessary to complete fiber optic cable along the corridor, allowing for proper fiber optic connections for upcoming Intelligent Transportation System (ITS) projects on Park Boulevard and Bryan Dairy Road.

The contractor agrees to conform to all existing contract specifications as well as those specific to this work.

The agreement term is increased fifty nine (59) consecutive calendar days as part of this change order. The revised agreement term expiration date is October 1, 2016.

CHANGE IN AGREEMENT PRICE:

Original Agreement Amount:	\$ 2,437,437.00
Increase due to Change Order No. 1:	\$ 702,445.57
Revised Agreement Amount:	\$ 3,139,882.57

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison Avenue, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase



Your acceptance of this Change order shall constitute a modification to our Agreement and will be performed subject to all of the same terms and conditions as contained in our Agreement indicated above, as fully as if the same were repeated in this acceptance. Acceptance by Contractor of this adjustment to the agreement shall constitute a full and final settlement and release by Contractor of any and all claims, whether known or unknown, against the Owner arising out of or related to the substance of or the circumstances giving rise to the change or changes set forth herein, including claims for impact and delay costs.

ATTEST:

PINELLAS COUNTY, FLORIDA
by and through its Board of County
Commissioners

By: _____
Ken Burke
Clerk of the Court

By: _____
Chairman
Board of County Commissioners

Date: _____

APPROVED AS TO FORM

By: _____
Office of the County Attorney

ATTEST:

By: _____
DAVID WITTEK
Type/Print Name and Title

CONTRACTOR:

By: _____
JCBREEDING Vice President
Type/Print Name and Title



Table 1
ESTIMATE OF CONSTRUCTION COST
66th Street N (SR 55) from Park Blvd (SR 694) to US 19 (SR 55)
PID NO. 000326

<p style="text-align: center;">Table 1 ESTIMATE OF CONSTRUCTION COST 66th Street N (SR 55) from Park Blvd (SR 694) to US 19 (SR 55) PID NO. 000326 (Change Order)</p>					
CHANGE ORDER PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	21	\$195.00	\$4,095.00
630-2-11	CONDUIT, F&I, OPEN TRENCH, 2" CONDUIT	LF	10	\$5.35	\$53.50
630-2-11A	CONDUIT, F&I, OPEN TRENCH, 4" CONDUIT	LF	15	\$16.20	\$243.00
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE, LESS THAN 6"	LF	21533	\$21.50	\$462,959.50
633-1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 144 FIBERS	LF	27984	\$2.90	\$81,153.60
633-1-620	SIGNAL INTERCONNECT CABLE, REMOVE	LF	2639	\$0.97	\$2,559.83
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	36	\$37.50	\$1,350.00
633-3-31	FIBER OPTIC CONNECTION HARDWARE, INSTALL, SPLICE ENCLOSURE	EA	7	\$677.00	\$4,739.00
633-3-32	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, SPLICE TRAY	EA	2	\$60.00	\$120.00
633-3-35A	FIBER OPTIC CONNECTION HARDWARE, INSTALL, PRETERM CONNECTION ASSY 150'	EA	8	\$1,328.00	\$10,624.00
633-3-51	FIBER OPTIC CONNECTION HARDWARE, MODIFY, SPLICE ENCLOSURE	EA	2	\$520.00	\$1,040.00
635-2-12	PULL & SPLICE BOX, F&I, FIBER OPTIC	EA	23	\$1,510.00	\$34,730.00
635-2-13	PULL & SPLICE BOX, F&I, SPLICE BOX	EA	9	\$2,425.00	\$21,825.00
635-2-40	PULL & SPLICE BOX, F&I, MODIFY	EA	7	\$538.00	\$3,766.00
737-70-1	UTILITY LOCATE, UNDERGROUND	EA	3	\$1,650.00	\$4,950.00
999-0000	UNSPECIFIED WORK (Allowance)	EA	40000	\$1.00	\$40,000.00
	Added Items:				
	MAINTENANCE OF TRAFFIC (4% OF TOTAL)	LS	1	\$27,017.14	\$27,017.14
102-1100	OFF DUTY LAW ENFORCEMENT OFFICER	HR	20	\$61.00	\$1,220.00
CONSTRUCTION TOTAL					\$702,445.57

PINELLAS COUNTY CAPITAL IMPROVEMENT PROJECT (CIP)

PROJECT FINANCIAL OVERVIEW

1. Design Phase: ☒ 2. Date: 12-15-2015
3. Contract Award : ☒

4. Title: ATMS SR 693/66th St N (PID # 000326A)		
5. Anticipated Scope and Description: Installation of ATMS/ITS communication equipment along SR 693 (66th St N) from US19 to Gulf Blvd.		
6. YEAR OF CONSTRUCTION START: 2015		
7. PROJECT BUDGET:	FY16 Appropriation	Multi-Year Plan
Professional Services (Architectural/Engineering/Consulting)	0	\$ 0
Land/Right of Way/Building Acquisitions		
Construction:	\$ 3,440,700	4,440,700
Testing		
Inter-local	0	0
TOTAL PROJECT BUDGET	\$ (1) 3,440,700	\$ (2) 4,440,700
8. FINANCIAL RESOURCES:		
Penny for Pinellas Sales Tax:		
Local Option Gas Tax:		1,638,023
Transportation Impact Fees:		
Grants(s): State Trans. Regional Incentive Program		\$ 2,802,677
Reimbursements:		
Enterprise Revenue (Water, Sewer, Solid Waste, Airport):		
Other:		
TOTAL FINANCIAL RESOURCES		\$ (2) 4,440,700
9. Project's First Full Year Estimated Operating Budget Fiscal Impact: ⁽³⁾		
Fiscal Year:	FY	
New Positions:	NONE	
Number:	N.A.	
Type:	N.A.	
Total Est. Fiscal Impact (Personal Services, Operating Expenses)	\$	0

(1) Amount represents FY16 appropriation.

(2) Amount represents current Multi - Year Plan's project estimate and anticipated resources.

Risk Management Contract Review

Contract Name	Change Order No. 1 to the agreement with Traffic Control Devices, Inc for ATMS/ITS Improvements on S.R. 693 (66th Street) from Gulf Boulevard to Park Boulevard						
Bid/Contract#	145-0189-CP(Df)	Granicus	15-733	PID #	PID 000326A		
Department	Eng & Tech Svcs	Project Mgr	Ken Jacobs			Date In	11/20/2015
Contract Mgr	Ken Jacobs	RUSH?	n	Pre-Review?	n	Date Out	Click here to enter a date.
Purchasing Contact	David Fechter		Term	Extending thru 10/1/2016		Amount	\$3,142,015.43
Type of Contract (select both)	Amendment		Purchasing		Method of Review	Granicus	
Limitation of Liability?		Indemnification Language?		If PE to PE, \$768.28?			

Required Coverages	Add'l Language / Exclusions	Limits	Justification
Choose an item.			Extension only – insurance in original document
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			

Discussed scope & suggested insurance requirements with	
Date/Time/Comments: Change Order to existing Construction contract 145-0189-CP (DF) Ins Req in original agreement no scope of work changes that will affect insurance – only an extension of time and an increase in funds.	

NOTES:

Change Order No. 1 increases the Board of County Commissioners approved expenditure for the SR 693 (66th Street) ATMS/ITS Improvements from Gulf Boulevard to Park Boulevard by \$704,578.43. The change order incorporates additional work that will complete the fiber optic network along SR 693 (66th Street) from Park Boulevard to U.S. Highway 19. The additional work proposed is the same type of work currently being performed and includes installation of fiber optic cable and conduit by directional bore, with minor amounts of trenching of conduit.

The change order increases the agreement term by fifty nine (59) consecutive calendar days and allows for time to complete the additional work approved as part of this change order.

Reviewed By	GWHITE	Date	11/24/2015
<input checked="" type="checkbox"/> Ready for Signature	Authorized By Virginia E. Holscher, Director		