



## Unmanned Vehicle Systems: Marine Technologies Certification Training Program

### *Center of Excellence: Marine Technologies Certification Training Center*

Triumph Application 2020





444 Appleyard Drive  
Tallahassee, Florida 32304-2895  
850.201.6200 | [www.tcc.fl.edu](http://www.tcc.fl.edu)

---

July 17, 2020

The Honorable Don Gaetz, Chair  
Florida Triumph Gulf Coast, Inc.  
P.O. Box 12007  
Tallahassee, Florida 32317

Dear Senator Gaetz,

Please find enclosed the amended Tallahassee Community College's application Unmanned Vehicle Systems: Marine Technologies Certification Training Program. This project will be transformational for our region and is uniquely positioned to help deal with the fallout of job loss and economic insecurity in our region because of COVID-19. We are also equally excited about working with our partners at FSU, FAMU, and AMI Kids.

Under this project the College will create multiple job training program in the field of unmanned vehicles that reside in the water, the air, and on land. Our plan over 6 years is to award over 800 certificates, with the cost per certificate of \$2,521. We are asking for \$315,000 up front for startup costs and will be providing \$315,000 for scholarships for students.

**Project Description:**

TCC is committed to ensuring that local residents have an opportunity to secure a skill that will afford them the ability to make a living and contribute to the workforce immediately. The training identified is in demand locally, regionally and nationally and will offer individuals an opportunity to immediately connect with employment. More importantly, the skills being taught are essential to our workforce thus reducing the risk that these individuals would be impacted due to economic emergencies such as COVID-19. Lastly, the training has the potential for those who desire to return and receive additional training and credentials (i.e. stackable) to support their continued progression and promotion in the workforce.

**Training Location:**

The training will be delivered in Wakulla County.

**Number of certificates awarded:**

- We will be awarding a minimum of 775 certificates over six years, with 22 different certificate programs available for students.

We appreciate the opportunity to submit this application and are looking forward to providing any additional information.

**Budget Ask for Triumph – 1 Year Budget**

Fast Track Training	Cumulative Total
Training Materials & Development	\$25,000
Personnel (Instruction)	\$75,000
Renovation for storage facility for drones	\$65,000
Equipment & Supplies (Purchase of drones and batteries)	\$150,000
Total	\$315,000

**In-Kind Budget**

Fast Track Training	Cumulative Total
Scholarships for Students	\$315,000 (Over 6 years)

February 28, 2020  
Honorable Don Gaetz, Chairman  
Triumph Gulf Coast, Inc.  
Attn: Susan Skelton, Executive Director  
P.O. Box 12007  
Tallahassee, Florida 32317

Chairman Gaetz:

Please find enclosed Tallahassee Community College's application for funds for the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center. This project will be transformational for our region and is uniquely positioned to help a nascent East Triumph industry to greatly expand, impacting jobs, GDP, and personal income.

Under this project the College will create an Unmanned Systems Marine Technologies Certification Training Center, building upon our existing unmanned system training program. Our goal is to extend the current programs being offered and develop an Associates of Science degree in Unmanned Systems, as well as additional certificate programs. This program will have two tracts, 1. training and 2. Aviation Systems Development.

The WEI Unmanned Systems Training will lead to the awarding of over 800 certifications, \$12 Million of additional GDP, and \$5.2 Million of additional Personal Income. Thus, the project will have a positive impact on the East Triumph (Franklin, Gulf, Wakulla) economy during the period described. The Return on Investment, in terms of additional otherwise unrealized GDP to project investment, will be \$6.1 to 1 as an average of the first ten years' implementation. The cost per certificate is \$2,521.

We appreciate the opportunity to submit this application and are looking forward to providing any additional information.

Sincerely,

Jim Murdaugh, Ph.D.

President

## Contents

Application for Funds.....	4
Attachment A: Applicant Information .....	20
Attachment B: Applicant Information .....	21
Attachment C: Applicant Information.....	22
Attachment D: Eligibility Attachment, Question 2.....	23
Attachment E: Eligibility Attachment, Question 3 .....	29
Attachment F: Eligibility Attachment, Question 4 .....	30
Attachment G: Eligibility Attachment, Question 5.....	32
Attachment H: Eligibility Attachment, Question 6.....	33
Attachment I: Eligibility Attachment, Question 7 .....	34
Attachment J: Priorities, Question 2.....	35
Attachment K: Priorities, Question 3 .....	38
Attachment L: Approvals and Authority, Question 3 .....	43
Attachment M: Approvals and Authority, Question 4 .....	44
Attachment N: Funding and Budget, Question 2 .....	45
Attachment O: Funding and Budget, Question 3 .....	46
Attachment P: Funding and Budget, Question 5C .....	48
Attachment Q: Addendum for Workforce Training Proposals, Question 1 A .....	51
Attachment R: Addendum for Workforce Training Proposals, Question 1 B .....	52
Attachment S: Addendum for Workforce Training Proposals, Question 1 E .....	54
Attachment T: Addendum for Workforce Training Proposals, Questions 2 A,B,C, .....	55
Attachment U: Addendum for Workforce Training Proposals, Questions 2 D.....	56
Attachment V: Addendum for Workforce Training Proposals, Questions 2 E .....	57
Attachment W: Addendum for Workforce Training Proposals, Question 2 F .....	58
Attachment X: Addendum for Workforce Training Proposals, Question 2 G .....	60
Appendix A: Economic Impact Forecast from Apalachee Regional Planning Council.....	61
Appendix B: Budget Narrative .....	75
Appendix C: County Commission Approval .....	81

## **Application for Funds**

Proposal Instructions: The Triumph Gulf Coast, Inc. Trust Fund Grant Application (this document) must be completed by the entity applying for the grant and signed, as applicable, by either the individual applying for funds, an individual authorized to bind the entity applying for funds, a chief elected official, the administrator for the governmental entity or their designee. Please read the Application carefully as some questions may require a separate narrative to be completed. In addition, please complete all Addendums that may be applicable to the proposed project or program.

Triumph Gulf Coast, Inc. will make awards from available funds to projects or programs that meet the priorities for economic recovery, diversification, and enhancement of the disproportionately affected counties. Triumph Gulf Coast, Inc. may make awards for:

- Ad valorem tax rate reduction within disproportionately affected counties;
- Local match requirements of s. 288.0655 for projects in the disproportionately affected counties;
- Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;
- Grants to local governments in the disproportionately affected counties to establish and maintain equipment and trained personnel for local action plans of response to respond to disasters, such as plans created for the Coastal Impacts Assistance Program;
- Grants to support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties. Eligible programs include those that increase students' technology skills and knowledge; encourage industry certifications; provide rigorous, alternative pathways for students to meet high school graduation requirements; strengthen career readiness initiatives; fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors; and, similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission of Education; encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties;
- Grants to support programs that provide participants in the disproportionately affected counties with transferable, sustainable workforce skills that are not confined to a single employer; and
- Grants to the tourism entity created under s. 288.1226 for the purpose of advertising and promoting tourism and Fresh From Florida, and grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

Pursuant to Florida Law, Triumph Gulf Coast, Inc. will provide priority consideration to Applications for projects or programs that:

- Generate maximum estimated economic benefits, based on tools and models not generally employed by economic input-output analyses, including cost-benefit, return-on- investment, or dynamic scoring techniques to determine how the long-term economic growth potential of the disproportionately affected counties may be enhanced by the investment.
- Increase household income in the disproportionately affected counties above national average household income.
- Leverage or further enhance key regional assets, including educational institutions, research facilities, and military bases.
- Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.
- Benefit the environment, in addition to the economy.
- Provide outcome measures.
- Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.
- Are recommended by the board of county commissioners of the county in which the project or program will be located.
- Partner with convention and visitor bureaus, tourist development councils, or chambers of commerce located within the disproportionately affected counties.

Additionally, the Board of Triumph Gulf Coast, Inc. may provide discretionary priority to consideration of Applications for projects and programs that:

- Are considered transformational for the future of the Northwest Florida region.
- May be consummated quickly and efficiently.
- Promote net-new jobs in the private sector with an income above regional average household income.
- Align with Northwest Florida FORWARD, the regional strategic initiative for Northwest Florida economic transformation.
- Create net-new jobs in targeted industries to include: aerospace and defense, financial services/shared services, water transportation, artificial intelligence, cybersecurity, information technology, manufacturing, and robotics.
- Promote industry cluster impact for unique targeted industries.
- Create net-new jobs with wages above national average wage (*e.g.*, similar to EFI QTI program, measured on graduated scale).
- Are located in Rural Area of Opportunity as defined by the State of Florida (DEO).
- Provide a wider regional impact versus solely local impact.
- Align with other similar programs across the regions for greater regional impact, and not be duplicative of other existing projects or programs.
- Enhance research and innovative technologies in the region.
- Enhance a targeted industry cluster or create a Marine Technologies Certification Training Center unique to Northwest Florida.

- Create a unique asset in the region that can be leveraged for regional growth of targeted industries.
- Demonstrate long-term financial sustainability following Triumph Gulf Coast, Inc. funding.
- Leverage funding from other government and private entity sources.
- Provide local investment and spending.
- Are supported by more than one governmental entity and/or private sector companies, in particular proposed projects or programs supported by more than one county in the region.
- Provide clear performance metrics over duration of project or program.
- Include deliverables-based payment system dependent upon achievement of interim performance metrics.
- Provide capacity building support for regional economic growth.
- Are environmentally conscious and business focused?
- Include Applicant and selected partners/vendors located in Northwest Florida.

Applications will be evaluated and scored based on compliance with the statutory requirements of the Triumph Gulf Coast legislation, including but not limited to the priorities identified therein and the geographic region served by the proposed project or program.



## **Applicant Information**

Name of Individual (if applying in individual capacity): N/A

Name of Entity/Organization: The District Board of Trustees of Tallahassee Community College

Background of Applicant Individual/Entity/Organization: Please see Attachment A, Pg. 22

---

Federal Employer Identification Number: 591141270

### **Contact Information:**

Primary Contact Information: Jim Murdaugh, Ph.D.

Title: President

Mailing Address: 444 Appleyard Dr.

Tallahassee, FL 32304

---

Phone: 850-201-8660

Email: MURDAUGJ@tcc.fl.edu

Website: www.tcc.fl.edu

Identify any co-applicants, partners, or other entities or organizations that will have a role in the proposed project or program and such partners proposed roles.

**Federal Aviation Administration (FAA) – Certifying agency and overall authority;**

**CareerSource-(Workforce Development Training Partner), Association for Unmanned Vehicle Systems Intl. AUVSI – (WEI is a member of this Association), Gulf Coast State College –**

**(Partnership, curriculum development and the establishment of Gulf Region Marine Technologies Certification Training Center),**

**Wakulla County Schools-(Dual enrollment program)**

---

Total amount of funding requested from Triumph Gulf Coast: \$1,959,382

---

Has the applicant in the past requested or applied for funds for all or part of the proposed project/program?

☒ Yes ☐ No

If yes, please provide detailed information concerning the prior request for funding, including:

- the date the request/application for funding was made;
- the source to which the request/application for funding was made,
- the results of the request/application for funding, and
- projected or realized results and/or outcomes from prior funding.

In 2012 TCC was awarded \$4,561,362 in PECO dollars to begin Phase I of the WEI.

In 2014 TCC was awarded \$1,500,000 from the Economic Development

Administration for additional construction costs for Phase I. The first building

opened in 2016.

Describe the financial status of the applicant and any co-applicants or partners:

Please see Attachment B, Pg. 21

(If additional space is needed, please attach a Word document with your entire answer.)

In a separate attachment, please provide financial statements or information that details the financial status of the applicant and any co-applicants or partners.

Please see Attachment C, Pg. 22

Has the applicant or any co-applicants, partners or any associated or affiliated entities or individuals filed for bankruptcy in the last ten (10) years?

☐ Yes ☒ No

If yes, please identify the entity or individual that filed for bankruptcy and the date of filing.

(If additional space is needed, please attach a Word document with your entire answer.)

## **Eligibility**

Pursuant to Section 288.8017, Triumph Gulf Coast, Inc. was created to make awards from available funds to projects or programs that meet the priorities for economic recovery, diversification, and enhancement of the disproportionately affected counties. The disproportionately affected counties are: Bay County, Escambia County, Franklin County, Gulf County, Okaloosa County, Santa Rosa County, Walton County, or Wakulla County. *See*, Section 288.08012.

1. From the choices below, please check the box that describes the purpose of the proposed project or program (check all that apply):

- ☐ Ad valorem tax rate reduction within disproportionately affected counties;
- ☐ Local match requirements of s. 288.0655 for projects in the disproportionately affected counties;
- ☐ Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;
- ☐ Grants to local governments in the disproportionately affected counties to establish and maintain equipment and trained personnel for local action plans of response to respond to disasters, such as plans created for the Coastal Impacts Assistance Program;
- ☒ Grants to support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties. Eligible programs include those that increase students' technology skills and knowledge; encourage industry certifications; provide rigorous, alternative pathways for students to meet high school graduation requirements; strengthen career readiness initiatives; fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors; and, similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission of Education, encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties;
- ☒ Grants to support programs that provide participants in the disproportionately affected counties with transferable, sustainable workforce skills that are not confined to a single employer; and
- ☐ Grants to the tourism entity created under s. 288.1226 for the purpose of advertising and promoting tourism and Fresh From Florida, and grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

2. Provide the title and a detailed description of the proposed project or program, including the location of the proposed project or program, a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote economic recovery, diversification, and enhancement of the disproportionately affected counties, a proposed timeline for the proposed project or program, and the disproportionately affected counties that will be impacted by the proposed project or program.

[Please see Attachment D, Pg. 23](#)

---

3. Explain how the proposed project or program is considered transformational and how it will affect the disproportionately affected counties in the next ten (10) years.

[Please see Attachment E, Pg. 29](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

4. Describe data or information available to demonstrate the viability of the proposed project or program.

[Please see Attachment F, Pg. 30](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

5. Describe how the impacts to the disproportionately affected counties will be measured long term.

[Please see Attachment G, Pg. 32](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

6. Describe how the proposed project or program is sustainable. (Note: Sustainable means how the proposed project or program will remain financially viable and continue to perform in the long-term after Triumph Gulf Coast, Inc. funding.)

[Please see Attachment H, Pg. 33](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

7. Describe how the deliverables for the proposed project or program will be measured.

[Please see Attachment I, Pg. 34](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

## **Priorities**

1. Please check the box if the proposed project or program will meet any of the following priorities (check all that apply):

- ☐ Generate maximum estimated economic benefits, based on tools and models not generally employed by economic input-output analyses, including cost-benefit, return-on-investment, or dynamic scoring techniques to determine how the long-term economic growth potential of the disproportionately affected counties may be enhanced by the investment.
- ☐ Increase household income in the disproportionately affected counties above national average household income.
- ☐ Leverage or further enhance key regional assets, including educational institutions, research facilities, and military bases.
- ☐ Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.
- ☐ Benefit the environment, in addition to the economy.
- ☐ Provide outcome measures.
- ☐ Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.
- ☐ Are recommended by the board of county commissioners of the county in which the project or program will be located.
- ☐ Partner with convention and visitor bureaus, tourist development councils, or chambers of commerce located within the disproportionately affected counties.

2. Please explain how the proposed project meets the priorities identified above.

[Please see Attachment J, Pg. 35](#)

---

---

---

---

---

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

3. Please explain how the proposed project or program meets the discretionary priorities identified by the Board.

[Please see Attachment K, Pg. 38](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

4. In which of the eight disproportionately affected county/counties is the proposed project or program located? (Circle all that apply)

Escambia Santa Rosa Okaloosa Walton Bay Gulf Franklin Wakulla

5. Was this proposed project or program on a list of proposed projects and programs submitted to Triumph Gulf Coast, Inc., by one (or more) of the eight disproportionately affected Counties as a project and program located within its county?

☒ Yes ☐ No

If yes, list all Counties that apply: [All Counties](#)

---

6. Does the Board of County Commissioners for each County listed in response to question 5, above, recommend this project or program to Triumph?

☒ Yes ☐ No

**\*\*Please attach proof of recommendation(s) from each County identified.**

### **Approvals and Authority**

1. If the Applicant is awarded grant funds based on this proposal, what approvals must be obtained before Applicant can execute an agreement with Triumph Gulf Coast, Inc.?

[Approval from the President of Tallahassee Community College is required.](#)

(If additional space is needed, please attach a Word document with your entire answer.)

2. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and Triumph Gulf Coast:

A. Provide the schedule of upcoming meetings for the group for a period of at least six months.

B. State whether that group can hold special meetings, and if so, upon how many days' notice.

[N/A](#)

(If additional space is needed, please attach a Word document with your entire answer.)

3. Describe the timeline for the proposed project or program if an award of funding is approved, including milestones that will be achieved following an award through completion of the proposed project or program.

[Please see Attachment L, Pg. 43](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

4. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity applying for funding. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc. In addition, please attach any support letters from partners.

[Please see Attachment M, Pg. 44](#)

---

### **Funding and Budget:**

Pursuant to Section 288.8017, awards may not be used to finance 100 percent of any project or program. An awardee may not receive all of the funds available in any given year.

1. Identify the amount of funding sought from Triumph Gulf Coast, Inc. and the time period over which funding is requested.

[\\$315,000 initially, with the potential of being awarded \\$1,644,382 based on awarding of certifications.](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

2. What percentage of total program or project costs does the requested award from Triumph Gulf Coast, Inc. represent? (Please note that an award of funding will be for a defined monetary amount and will not be based on percentage of projected project costs.)

[The percentage requested is 50%. Please see Attachment N, Pg. 45](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

3. Please describe the types and number of jobs expected from the proposed project or program and the expected average wage.

[Please see Attachment O, Pg. 46](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

4. Does the potential award supplement but not supplant existing funding sources? If yes, describe how the potential award supplements existing funding sources.

☒ Yes ☐ No

---

[This award will supplement the previous six million dollars from Phase I,  
and the two million dollars being raised by the TCC Foundation for Phase II.](#)

---

5. Please provide a Project/Program Budget. Include all applicable costs and other funding sources available to support the proposal.

A. Project/Program Costs:

Example Costs (Note: Not exhaustive list of possible Cost categories.)

Construction	\$ <u>100,000</u>
Reconstruction	\$ _____
Design & Engineering	\$ _____
Land Acquisition	\$ _____
Land Improvement	\$ _____
Equipment	\$ <u>1,343,447</u>
Supplies	\$ <u>100,000</u>
Salaries	\$ <u>300,000</u>
Program Consultants	\$ <u>60,000</u>
Staff Training	\$ <u>55,935</u>

Other (TCC In-Kind) \$315,000

Total Project Costs: \$2,269,382

B. Other Project Funding Sources:

Example Funding Sources (Note: Not an exhaustive list of possible Funding Sources.)

City/County	\$ _____
Private Sources	\$ _____
Other (e.g., grants, etc.)	\$ _____

Total Other Funding \$ 315,000

**Total Amount Requested: \$2,269,382**

Note: The total amount requested must equal the difference between the costs in 3A. and the other project funding sources in 3.B.

- C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding and any other pertinent budget-related information.

[Please see Attachment P, Pg. 48](#)



Applicant understands that the Triumph Gulf Coast, Inc. statute requires that the award contract must include provisions requiring a performance report on the contracted activities, must account for the proper use of funds provided under the contract, and must include provisions for recovery of awards in the event the award was based upon fraudulent information or the awardee is not meeting the performance requirements of the award.

☒ Yes      ☐ No

Applicant understands that awardees must regularly report to Triumph Gulf Coast, Inc. the expenditure of funds and the status of the project or program on a schedule determined by Triumph Gulf Coast, Inc.

☒ Yes      ☐ No

Applicant acknowledges that Applicant and any co-Applicants will make books and records and other financial data available to Triumph Gulf Coast, Inc. as necessary to measure and confirm performance metrics and deliverables.

☒ Yes      ☐ No

Applicant acknowledges that Triumph Gulf Coast, Inc. reserves the right to request additional information from Applicant concerning the proposed project or program.

☒ Yes      ☐ No

## **ADDENDUM FOR WORKFORCE TRAINING PROPOSALS**

### 1. Program Requirements

- A. Will this proposal supports programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties? If yes, please identify where the campuses are located and provide details on how the proposed programs will prepare students for future occupations and at which K-20 institutions that programs will be provided.

☒ Yes ☐ No

[Please see Attachment Q, pg. 51](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

- B. Will the proposed program (check all that apply):
- ☒ Increase students' technology skills and knowledge
  - ☒ Encourage industry certifications
  - ☒ Strengthen career readiness initiatives
  - ☒ Encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties (similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission on Education)

For each item checked above, describe how the proposed program will achieve these goals

[Please see Attachment R, Pg. 52](#)

---

(If additional space is needed, please attach a Word document with your entire answer.)

- C. Will this proposal provide participants in the disproportionately affected counties with transferable, sustainable workforce skills but not confined to a single employer? If yes, please providedetails.

☒ Yes ☐ No

Yes, the educational and workforce training programs that will be offered  
at the Center will cater to multiple employers in the region.

---

(If additional space is needed, please attach a Word document with your entire answer.)

- D. Identify the disproportionately affected counties where the proposed programs will operate or provide participants with workforce skills.

All Triumph Counties

---

(If additional space is needed, please attach a Word document with your entire answer.)

- E. Provide a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote:
- Economic recovery,
  - Economic Diversification,
  - Enhancement of the disproportionately affected counties,
  - Enhancement of a Targeted Industry.

Please see Attachment S, Pg. 54

---

(If additional space is needed, please attach a Word document with your entire answer.)

2. Additional Information

- A. Is this an expansion of an existing training program? Is yes, describe how the proposed program will enhance or improve the existing program and how the proposal program will supplements but not supplant existing funding sources.

☒ Yes ☐ No

Please see Attachment T, Pg. 55

---

(If additional space is needed, please attach a Word document with your entire answer.)

- B. Indicate how the training will be delivered (*e.g.*, classroom-based, computer based, other).  
If in-person, identify the location(s) (*e.g.*, city, campus, etc.) where the training will be available.

If computer-based, identify the targeted location(s) (e.g., city, county) where the training will be available.

[Please see Attachment T, Pg. 55](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

- C. Identify the number of anticipated enrolled students and completers.

[Please see Attachment T, Pg. 55](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

- D. Indicate the length of the program (e.g., quarters, semesters, weeks, months, etc.) including anticipated beginning and ending dates.

[Please see Attachment U, Pg. 56](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

- E. Describe the plan to support the sustainability of the proposed program.

[Please see Attachment V, Pg. 57](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

- F. Identify any certifications, degrees, etc. that will result from the completion of the program.

[Please see Attachment W, Pg. 58](#)

---

---

(If additional space is needed, please attach a Word document with your entire answer.)

- G. Does this project have a local match amount? If yes, please describe the entity providing the match and the amount.  
☒ Yes ☐ No

Please see Attachment X, Pg. 60

---

(If additional space is needed, please attach a Word document with your entire answer.)

I, the undersigned, do hereby certify that I have express authority to sign this proposal on my behalf or on behalf of the above-described entity, organization, or governmental entity:

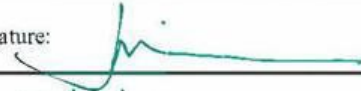
Name of Applicant: The District Board of Trustees of Tallahassee Community College

---

Name and Title of Authorized Representative: Jim Murdaugh, Ph.D., President

---

Representative Signature:



Signature Date:

5/8/18

---

## **Attachment A: Applicant Information**

### *Background of Applicant Individual/ Entity/ Organization:*

Tallahassee Community College (TCC) is one of the nation's top performing community colleges. Since its inception in 1966, the College has been at the forefront of advancing student success through education, workforce development and certification programs. On April 17, 2012, Governor Rick Scott signed Florida's budget, which included a \$4.5 million investment for TCC to construct the Wakulla Environmental Institute (WEI) in Wakulla County. In 2013, the College purchased 158 acres off of Crawfordville Highway for the WEI and broke ground later that same year. The large, beautiful tract of land features a sinkhole, wetlands and a natural bridge. This property will easily accommodate a world-class facility to fulfill the Institute's three-part mission of education, conservation and recreation. A year later, the Economic Development Administration (EDA) within the United States Department of Commerce awarded a grant of \$1.5 million to TCC for core infrastructure development that enabled the construction of Phase I of the WEI which opened in early 2016. Located in one of North America's top five biodiversity hotspots, the WEI serves as a hub for education (job training), conservation and recreation in Northwest Florida for all environmental issues the State is facing today and in the future. The WEI provides job training in aquaculture and maritime occupations, leads efforts in environmental conservation and restoration and promotes regional tourism and recreation activity to stimulate economic growth across the Big Bend. While the College developed the first phase of the Institute to support the revitalization of industries that collapsed as a result of the Deepwater Horizon oil spill, TCC's work in leading economic development activity in Wakulla County spawned new opportunities and initiatives that we are offering for this region. Leveraging a record of sound financial and environmental stewardship WEI supports the expansion of programming and operations that will catalyze transformational growth along the Gulf Coast. To that end WEI is proposing the creation of the Unmanned Vehicle Systems Marine Technologies Certification Training Center. An independent REMI (Regional Economic Models, Inc.) economic analysis forecasted 245 direct and indirect resulting forms of employment, almost 1,000 work certifications, \$12.1 Million in additional GDP, and \$9.7 Million in additional Personal Income from just this project. The anticipated project outcomes are transformational for this region.

## **Attachment B: Applicant Information**

*Describe the financial status of the applicant and any co-applicants or partners:*

Tallahassee Community College is a comprehensive, public community college. The College's assets total \$165.3 million, with \$132.86 million in capital assets and \$37.4 million in operating revenue for the 2016-17 fiscal year.

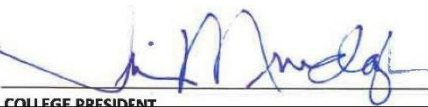
# Attachment C: Applicant Information

EXHIBIT A

THE FLORIDA COLLEGE SYSTEM  
COLLEGE OPERATING BUDGET  
ANNUAL BUDGET SUMMARY  
FISCAL YEAR 2017-18

COLLEGE: Tallahassee Community College

	CURRENT FUNDS- UNRESTRICTED
BEGINNING FUND BALANCE -JULY 1,2017:	
ESTIMATED AFFUND BALANCE- JUNE 30,2017 <i>if DEBIT BALANCE USE "MINUS SIGN"</i>	\$9,556,768
ADD AMOUNT EXPECTED TO BE FINANCED IN FUTURE YEARS <i>(USE PLUS SIGN)</i>	0
TOTAL RESERVE AND UNENCUMBERED FUND BALANCE- JULY 1,2017	<u>\$9,556,768</u>
ADD: REVENUES	\$57,894,057
TRANSFERS IN	\$1,000,000
TOTAL RECEIPTS	<u>\$58,894,057</u>
TOTAL ESTIMATED AVAILABLE	<u>\$68,450,825</u>
DEDUCT: EXPENDITURES	\$60,894,057
TRANSFERS OUT	\$0
TOTAL DISBURSEMENTS	<u>\$60,894,057</u>
ESTIMATED FUND BALANCE - JUNE 30,2018:	
TOTAL AVAILABLE LESS DISBURSEMENTS	\$7,556,768
ADD ACCRUED LEAVE EXPENSE (GLC 59300)	<u>\$0</u>
TOTAL ESTIMATED RESERVE AND UNENCUMBERED FUND BALANCE- JUNE 30,2018	\$7,556,768
LESS ESTIMATED AMOUNT EXPECTED TO BE FINANCED IN FUTURE YEARS (GLC 30800) - JUNE 30,2018	<u>\$0</u>
TOTAL ESTIMATED FUND BALANCE - JUNE 30, 2018	<u>\$7,556,768</u>
ESTIMATED UNENCUMBERED FUND BALANCE - JUNE 30,2018 (includes GL's:30200, 30300, 30400,30500,30600,30700,30900, and 31100)	<u>\$49,96,164</u>
PERCENT OF ESTIMATED UNENCUMBERED FUND BALANCE AS OF JUNE 30 2018, TO ESTIMATED FUNDS AVAILABLE	<u>7.30%</u>
CERTIFY BOARD OF TRUSTEES APPROVAL:	

  
COLLEGE PRESIDENT

6/19/17  
DATE



## **Attachment D: Eligibility Attachment, Question 2**

*Provide the title and a detailed description of the proposed project or program, including the location of the proposed project or program, a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote economic recovery, diversification, and enhancement of the disproportionately affected counties, a proposed timeline for the proposed project or program, and the disproportionately affected counties that will be impacted by the proposed project or program.*

### ***Wakulla Environmental Institute Unmanned Vehicle Systems Center of Excellence: Marine Technologies Certification Training Center***

Unmanned Systems have been established as being the future for growth in the S.T.E.M areas of Industry. No longer for just military uses, drones are now used by First Responders, Law Enforcement for Public Safety, Real Estate Investors, Farmers, Power and Utility Companies, and has applications in Agriculture, Environmental, and Marketing Industries. WEI will focus primarily on marine and underwater drones for our efforts to grow the economy in the rural counties in the gulf region. At WEI we are committed to providing an innovative training program which will focus on: 1. Technical Training, 2. Human Performance (where safety guidelines will be developed and implemented) and 3. Unmanned Marine Vehicle Systems (where the implementation of safety measures with the aid of technology will be developed and deployed). This program will offer multiple certifications by CAPE, FAA, and USI, all under the auspices of students earning an Associate of Science in S.T.E.M. related fields where drones are at the forefront of their technological training. All of our programs will have at the core of their functionality the requirement to operate safely. Safety is paramount in the development of the curriculum we will establish here at our campus. We will be utilizing the Safety Certification curriculum provided by Unmanned Safety Institute (USI) in all of our coursework here at WEI.

Safety is so ingrained in our program, and the need for it so paramount in this expanding field that we will be creating the Wakulla Environmental Institute Unmanned Vehicle Systems Program – Human Performance and Technical Training Marine Technologies Certification Training Center: The Wakulla Environmental Institute Safety Applications for Marine Technologies Certification Training Center Training Center’s mission will be the development of innovative systems to increase Human Performance and Safety. The focus is to develop safety in conjunction with federal guidelines that will ensure a safe experience for everyone. As drones become more tantamount in our everyday lives, there is an increasing need to ensure we are all operating in the safest manner with the proper training. Our focus will be to study human performance in operating and participating in drone operations industry wide and utilize innovative technological advancements for the purpose of increasingly operating in a safe environment.

#### **Wakulla Environmental Institute Unmanned Vehicle Systems Certification Training Center Program – Marine Technologies Certification Training Center (MTCTC):**

WEI, will create a CAPE Certification program to train participants in unmanned marine technologies using Autonomous Underwater Vehicle (AUV) and Remotely Operated Vehicle (ROV). Unmanned marine systems can be used for aquaculture, habitat restoration, area inspections, defense, boat inspections, underwater pipe inspections, search and rescue, seafloor mapping, retrieving items, underwater clean up, and more.

According to the MarketsandMarkets 2020 report titled, *Autonomous Underwater Vehicle (AUV) Market by Type, Application, Shape, Technology, Payload Type, Region – Global Forecast to 2025*, the underwater vehicle is projected to grow from \$638 million in 2020 to \$1.6 billion by 2025; it is expected to grow at a compound annual growth rate of 20.8% from 2020 to 2025. The growth of this segment can be attributed to the increased use of underwater vehicles (UV) in military and defense and offshore industries. Imaging systems used in UVs are capable of capturing pictures of the seabed and surrounding areas. The use of imaging systems in UVs makes them suitable for habitat research, fishery study, oceanography, and archeology & exploration applications. The focus will be to build a training program with industry experts that will shape the training and certification protocol for an entire industry nationwide.

Overall, we will look at the establishment of training certifications in Aquaculture, Environmental Science, and Marine technologies.

### **Certifications for CAPE:**

- I.** Marine Technologies Homeland Security –
  - a.** Border Surveillance Certification
  - b.** Explosive Ordnance Detection Certification
- II.** Marine Technologies Certification Training Program for Aquaculture
  - a.** UVS Fisheries Management Certification
  - b.** UVS Marine Surveillance Certification (for tracking and tagging species for research)
  - c.** UVS Marine Mapping certification
- III.** Unmanned Marine Vehicle Technologies Certification Training Program
  - a.** UVS Marine Systems Development
  - b.** UVS Marine Systems Integration
  - c.** UVS Marine Systems Testing and Evaluation

### **Other Certifications (FAA, CAPE, USI)**

WEI has already established an unmanned aerial system training program consisting of:

- FAA 107 Training
- Intro to Editing
- Intro to Ground Flight School
- How to Build a Drone

Our goal is to develop a College Credit Certificate (C.C.C.) for Unmanned Vehicle Systems with our primary focus being on the development of curriculum for Unmanned Marine Vehicle Systems. These Certificate courses will have two tracts: Unmanned Vehicle Systems Training and Unmanned Vehicle Systems Development

For Unmanned Vehicle Systems Training our students will:

- a) Be able to demonstrate crew performance and coordination in UAS operational environments while applying problem solving skills and an in-depth understanding of the operational, regulatory and safety environment of the National Airspace System.

- b) Be able to demonstrate UAS airmanship commensurate with a Commercial Pilot Certificate with Instrument Rating.
- c) Develop a working knowledge of UAS technologies and their application in governmental and civil operations.
- d) Be able to demonstrate knowledge of legal, ethical, and moral issues related to UAS operations.
- e) Be able to apply management skills to programs and projects in an emerging UAS industry.

For Unmanned Vehicle Systems Development our students will:

- a) Demonstrate an understanding of the science, technology, engineering, and mathematics principles common to UAS and UMVS operations.
- b) Be familiar with computer technologies and processes associated with UAS operations to include programming, data storage and security, and networking.
- c) Understand, design and develop system interoperability with current and future UAS technologies for Control and Communication, and Detect and Avoid.

Our focus will be to train each student to obtain the necessary FAA Certifications and CAPE Industry Standard Certificates while obtaining their Associates Degree. Even though an associate degree is not necessary we will provide the training to be utilized in Industry and Environmental applications. TCC-WEI will work with Florida Department of Education for CAPE Certification development for Marine Technologies:

- a) FAA Pilot Instrument
- b) FAA Private Pilot
- c) FAA Ground School
- d) FAA Ground Instructor – Basic
- e) CAPE Agricultural Unmanned Aircraft Systems Specialist Certification
- f) CAPE RECF Robotics
- g) CAPE RECF Pre-Engineering
- h) CAPE IC3 Computing Fundamentals
- i) CAPE IC3 Key Applications
- j) CAPE IC3 Living Online
- k) CAPE ICT Communications Essentials
- l) CAPE ICT Computing Essentials
- m) CAPE Programming and Logic Essentials
- n) CAPE Rapid Prototyping & 3D Design Beginner
- o) CAPE / USI sUAS Safety Certification
- p) CAPE / USI VSO Safety Certification
- q) USI Pro Safety Certification

## **FAA**

As part of our efforts to provide the complete experience necessary for a student to obtain their certifications and become a Center of Aviation. TCC has become a Testing Center for the FAA here in Wakulla County for easy access for those in this region. The FAA has been tasked with creating Centers of Excellence for Unmanned Aerial Systems across the U.S. with Community Colleges. TCC is focused on WEI being the Center of Excellence for UAS in Human Performance, Safety and Maritime Operations

(CoEUASHPSMO). Our focus will be to train each student to obtain the necessary. FAA Certifications and CAPE Industry Standard Certificates for training with small unmanned air systems, fixed wing, and private pilot ground school and instrumentation.

### **Recruitment and Entrepreneurship:**

TCC already has major programs and partnerships in place that will allows us to grow this program exponentially.



Through our SPARK program we currently offer an A.A. degree that focuses on prerequisites on Entrepreneurship in Business

Administration at Florida State University.

- a. Developing your business plan
- b. Marketing
- c. Legal and Human Resources
- d. Finance



TCC was awarded the Veterans Florida Entrepreneurship Program Grant, which has served over 1,000 Veterans statewide and will serve as a recruitment pool for any of our veterans looking to start a business involving drones or many of the other programs we offer here at WEI.



TCC is a Veteran Friendly Campus and was recently awarded the Troops to Teachers Grant for the entire state of Florida. Troops to Teachers is a National Department of Defense Veteran Transition Assistance Program. TCC will seek to train and employ the Veteran population within the Gulf Region and throughout the State of Florida by aligning our recruitment efforts with the Troops to Teachers program we currently manage here at the college. Our recruitment plan will include providing seminars on the available programs for those seeking to enter the Teaching Profession and introduce them to the growing possibilities that exist in the Unmanned Aerial Systems Industry. Currently there are eight bases in the Gulf Region and twenty-one bases statewide. Of the eight bases in the Gulf Region six concentrate on Aeronautics and Aeronautics Training, Eglin

AFB, Hurlburt Field, Tyndall AFB, Pensacola NAS, NTS Corry Station, NAS Whiting Field, and of the twenty-one statewide, five more for a total of eleven statewide. The Troops to Teachers program recruits on average 800 troops per year within the State of Florida and over 4,000 Nationwide. With over 1.4 Million Veterans in the State of Florida we can tap into an underserved population.



We will also be working along Wakulla County Schools to provide training through our existing partnerships. We have already established the Wakulla High School site as a dual enrollment site for Tallahassee Community College and will thus seek to recruit students within the area to encourage them to seek a career in the S.T.E.M's. We currently have almost 200 Wakulla County High Schools students enrolled at TCC seeking degrees and certifications. Wakulla County High School students will be able to enroll in our Unmanned Vehicle Systems Program for free and begin taking classes immediately.



We are in the process of establishing a partnership with CareerSource Capital Region who will pay for Certification Training for individuals in our region to provide the FAA, CAPE and USI certifications. This will enhance our recruiting efforts by utilizing the vast resources available through their organization. The partnership will also help us to establish this program as a self-sufficient, operating program within three years.

## **Economic Analysis and Impact of Wakulla Environmental Institute Unmanned Aerial Systems Marine Technologies Certification Training Center**

REMI economic modeling was conducted by the *Apalachicola Regional Planning Council* for this project. The Council found that the WEI Unmanned Systems Training will lead to the minimum of 775 workforce certifications, \$12 Million of additional GDP, and \$9.7 Million of additional Personal Income. Thus, the project will have a positive impact on all Triumph counties economies during the period described. The Return on Investment, in terms of additional otherwise unrealized GDP to project investment, will be \$8.12 to 1 as an average of the first six years' implementation. The cost per certification is \$2,521.

The WEI Training Marine Technologies Certification Training Center, the second phase of TCC's Wakulla Environmental Institute, will offer the only venue of its kind in Wakulla County and the surrounding region. The Gulf Coast will reap immediate benefits from construction at the WEI through the purchase of building materials and employment of workers from across the region. Long-term, increasing the Institute's footprint and job training programming portfolio will attract job seekers from Wakulla County and across the region, as well as visitors, students, entrepreneurs and investors from outside Wakulla County and the state. The influx in new residents, creation of thousands of new jobs and businesses, visitors and money in this region will be truly transformative. No other project will have the long-term sustainable, and wide-reaching impact than the WEI Training Marine Technologies Certification Training Center.

### **Attachment E: Eligibility Attachment, Question 3**

*Explain how the proposed project or program is considered transformational and how it will affect the disproportionately affected counties in the next ten (10) years.*

This proposed program within the WEI Training Marine Technologies Certification Training Center will add \$12.1 million to the GDP of Wakulla, Gulf and Franklin Counties. The impact of the Center will be transformational and impact generations of workers in this region.

The table below from the Economic Impact Forecast in Appendix A, provided by the Apalachee Regional Planning Council (using REMI modeling) projects that the Phase II project will have tangible positive impacts on the East Triumph economy.

#### **WEI Unmanned Systems Training Program Economic Forecast**

This training program provides excellent employment and GDP adds within the East Triumph Region. Compared to averages, by year ten, project-enabled GDP gains to Triumph Investment are 6.1 to 1 and cost per certificate is \$2,521. These higher figures are due to the fact that positive impacts grow over the six-year horizon.

## **Attachment F: Eligibility Attachment, Question 4**

*Describe data or information available to demonstrate the viability of the proposed project or program.*

TCC proposes to build upon the success of Phase I of the WEI and the \$6 million procured for the initial creation of the Institute. The **Unmanned Vehicle Systems Marine Technologies Certification Training Center: Marine Technologies Certification Training Program** affords new opportunities for education and workforce training programs that will exponentially add to the impacts it confers on this region.

Specifically, automation continues to be an area affecting traditional employment across all United States sectors. Transportation is no stranger to this, however new roles are opening in fleet building, servicing, and remote piloting where manpower once provided the primary transportation (driver) function. A 2018 Commercial Drone Industry Trends report by Drone Deploy finds that “the fastest growing commercial adopters of aerial data come from the construction, agriculture, and mining industries” – all important sectors of the Northwest Florida economy<sup>1</sup>. Furthermore, the real estate industry has witnessed a 118% rise in the use of drone technology. Drones can be utilized for job site risk mitigation, the bid process, quality control & assurance, site planning, and progress tracking. **All this points to the crucial need to equip job-seekers with skills that will complement this highly flexible industry.**

The education programs proposed are approved by the Florida Department of Education. TCC currently enrolls over 12,000 students and is recognized by the *Huffington Post* for being **ranked number 8 in the nation** among community colleges by *SmartAsset.com*. Further, TCC was one of only 150 colleges in the U.S. selected to compete for the *Aspen Prize for Community College Excellence*. The prize recognizes institutions for exceptional student outcomes related to student learning, certificate and degree completion, employment and earnings, and access and success for minority and low-income students.

TCC was ranked among the top schools in *Military Advanced Education* magazine's 2015 Guide to Military-Friendly Colleges and Universities. This year, the College was also designated a military-friendly school by *Victory Media* for the second consecutive year. The College's successful track record ideally positions it to support veterans who are transitioning to civilian work across the region, but are in need of new workforce training opportunities.

TCC is one of 28 members of the Florida College System and has extensive experience in managing large federal, state and private awards and has all of the necessary infrastructure including a Sponsored Program Office, in place to assure successful support and fiscal monitoring of this project. The College has operated for over 50 years and now has seven campus locations in its three-county service district. In addition to the main campus in Tallahassee, the College also has service centers in Gadsden and Wakulla counties, and in downtown Tallahassee. TCC's healthcare professions programs are housed in the Ghazvini Center for Healthcare Education adjacent to

---

<sup>1</sup> Report: [https://dronedeploy-www.cdn.prismic.io/dronedeploy-www%2Fae535fda-dfc9-4bcf-9743-292df714e9fe\\_dd2018\\_trends\\_report-f.pdf](https://dronedeploy-www.cdn.prismic.io/dronedeploy-www%2Fae535fda-dfc9-4bcf-9743-292df714e9fe_dd2018_trends_report-f.pdf)



Tallahassee Memorial Healthcare. The College also operates the Gadsden County-based Florida Public Safety Institute, home to the Pat Thomas Law Enforcement Academy.

TCC has five full-time employees dedicated to managing \$50 million in annual expenditures in federal, state, corporate and foundation grants. The College has the necessary experience to successfully create and manage a project of this scope and size.

### **Attachment G: Eligibility Attachment, Question 5**

*Describe how the impacts to the disproportionately affected counties will be measured long term.*

TCC will leverage three resources to measure the long-term impacts of this project:

1. The College's Office of Institutional Effectiveness (OIE), which is responsible for the systematic and comprehensive analysis of college planning and operations including strategic planning, assessment of institutional effectiveness and accreditation, with emphasis on using data to assess and direct the institution's progress toward meeting its established goals. The OIE's major functions include institutional research, assessment of institutional effectiveness, accreditation leadership and educational research. OIE will track student enrollment, graduations rates and job placements from this project.
2. The Apalachee Regional Planning Council will aid the College in monitoring the economic data of our region including GDP, median household income, average salary and other economic and demographic data that are pertinent to the long-term impact of this project.
3. Partnerships with workforce boards, economic development councils and Chambers of Commerce, and through the use of multiple data sources including the:
  - Florida Department of Education's Division of Career and Adult Education and the *Comprehensive Industry Certifications List*;
  - Agency for Workforce Innovation;
  - Workforce Florida Board;
  - District Three Florida Agency for Workforce Innovation's *Regional Targeted Occupations List*; and
  - Florida Department of Law Enforcement's Criminal Justice Agency Profile Report.

## **Attachment H: Eligibility Attachment, Question 6**

*Describe how the proposed project or program is sustainable. (Note: Sustainable means how the proposed project or program will remain financially viable and continue to perform in the long-term after Triumph Gulf Coast, Inc. funding.)*

This project will be sustained as all other education and workforce training programs are sustained at TCC, through a combination of:

- Tuition\*;
- Students fees;
- Activity fees;
- Support from the TCC Foundation;
- Contracts and grants;
- State funding; and
- Corporate partnerships.
- CAPE Funding

\*The majority of TCC students receive a combination of financial assistance that includes federal financial aid, scholarships, Veterans Affairs funding, CareerSource funding and Vocational Rehabilitation funding. The aid reduces the financial burden on TCC students and offsets a majority of their out-of-pocket expenses.

## **Attachment I: Eligibility Attachment, Question 7**

*Describe how the deliverables for the proposed project or program will be measured.*

### **Formative Evaluation**

In addition to the description of measurement provided in Question 5, TCC will also employ a formative evaluation protocol which will analyze relevant data to determine the ongoing success of the project toward achieving its objectives.

Upon analyzing the data, the following formative evaluation questions will be answered:

1. Is WEI making adequate progress towards the long-term impacts listed below in summative evaluation?
2. How can the project be improved?
3. Are the resources and activities adequate to achieve the long-term impacts?
4. How will changes be implemented to ensure that the long-term impacts are realized?

This protocol will afford the WEI the opportunity to address any ongoing concerns.

### **Summative Evaluation**

A summative evaluation will occur at the end of each program year and at completion of the project. Relevant data will be used to analyze whether the following meet the training and placement goals conveyed by Attachment F and Attachment T of this application:

- Student enrollment;
- Program completion rates;
- Job placement rates of program completers;
- Number of new jobs created;
- GDP change for Wakulla, Gulf and Franklin Counties;
- Amount of certificates awarded;
- Total Employment change for Franklin, Gulf, and Wakulla counties.

Upon analyzing the data above the following summative evaluation questions will be answered:

1. Were the program objectives met?
2. What was the impact of the program?

This protocol will ensure that this project is achieving the long-term impacts of job growth, GDP growth and changes in household income across the region.

## **Attachment J: Priorities, Question 2**

*Please explain how the proposed project meets the priorities identified above.*

*1. Generates maximum economic benefits:*

The WEI Training Marine Technologies Certification Training Center, Unmanned Systems Program will create high skill individuals who can segue into and augment local employment. Almost 1,000 certificates will be awarded over the first three years, translating to new jobs that will be added in Wakulla, Gulf and Franklin Counties that will contribute \$12.1 million to their GDP.

*2. Increase household income:*

The average salary and household income of residents living in Wakulla County is presented in the chart below.

### **Current Socio-Economic Snapshot: Wakulla County**

#### *Income and Compensation, Wakulla County*

<b>Metric</b>	<b>Year</b>	<b>Value</b>
<b>Average Annual Wage Rate</b>	2017	\$24,292
<b>Median Household Income</b>	2016	\$54,078

*Data Source: REMI for AACR, ACS for MHI*

The Unmanned Systems Program proposed will lead to a higher annual average wage than current levels in Wakulla County. Below is a snapshot for select occupations related to the Unmanned Systems Training Program:

#### **Annual Mean Wages, Florida Occupations 2016**

<b>Metric</b>	<b>Year</b>	<b>Value</b>
<b>SOC 53-2012 Commercial Pilots</b>	2017	\$76,340
<b>SOC 53-5021 Captains, Mates, and Pilots of Water Vessels</b>	2017	\$73,860

*Data Source: Bureau of Labor Statistics OES 2017*

As presented in the above table, all fields pay higher rates than the 2016 average annual

compensation rate. As graduates from the Center secure employment in Wakulla County, they will raise the per capita income of the County and support local housing, retail and public services.

3. *Leverage key regional assets:*

The purpose behind the creation of the WEI was to leverage the key regional asset of Wakulla County: the environment. The region is regarded as one of the top five biodiversity hotspots in all of North America. The Institute property is situated on 158 acres off of Crawfordville Highway and is a large tract of land that features a sinkhole, wetlands and a natural bridge. Another regional asset is the immediate access to the coast in Wakulla County. Lastly, the greatest asset by far is the people that live in this region - the people of the rural Gulf counties who have lived here for generations and continue to preserve the land and sea. Its mission is to provide new education and workforce opportunities, while embracing all of the regional assets of the natural environment and the extraordinary people that live there.

4. *Partner with local governments:*

TCC has a long and productive partnership with Wakulla County that has existed for over 50 years. As with all of its projects in Wakulla, the College will continue to partner with the County, and takes great pride that this proposal was one of the few that the County has endorsed.

5. *Benefit to environment:*

From the design of the environmentally-conscious building, to the restoration efforts of natural habitats, to the green jobs training and workforce education, and the promotion and tourism of the environment in Wakulla County, everything that the WEI is already doing and proposing to do will benefit the environment.

The WEI's efforts with longleaf pine restoration offers just one examples of the Institutes' positive impact on the environment. Many landowners hesitate to restore their land to longleaf because of a bias by the forest industry for faster growing loblolly and slash pine. Having an outdoor laboratory (like WEI) for landowners to see and experience the process of habitat restoration with longleaf can go a long way toward alleviating fears about restoration cost and time. The Institute would serve as a place for landowners to learn about longleaf establishment and management and obtain information about Farm Bill programs that can help them restore their land. The WEI's campus currently sits on 158 acres of planted pine. The College's hope is to restore the land to a longleaf pine habitat. This property will be used as a living classroom enabling landowners to receive hands-on training in restoration skills. Using drones for the restoration of this effort will be essential to ensure its success.

It is estimated that there are 29 threatened and endangered species associated with the longleaf ecosystem. Restoration of longleaf pine, combined with its ability to sustain regular prescribed burning from 1-year post planting until harvest, is important for the recovery of threatened and endangered species such as red-cockaded woodpeckers,

flatwoods salamanders, quail and gopher tortoises present in the targeted counties. Wakulla County has nearly 8,000 residential parcels that are over one acre, with an average parcel size is 5.67 acres. The Institute serves as a living model as to how land can be restored and the environment protected and nourished so it will be available for future generations. The WEI will continue to be the good and proper steward of the natural resource in the region and continue to offer education and training programs that promote effective environmental restoration and stewardship.

6. *Provide outcome measures:*

The WEI will provide multiple outcome measures including:

- Number of certificates awarded;
- Student enrollment;
- Program completion rates;
- Job placement rates of program completers;
- GDP change for Wakulla, Gulf and Franklin Counties;
- Household annual income change for Wakulla, Gulf and Franklin Counties; and
- Average salary changes for Wakulla, Gulf and Franklin Counties.

7. *Partner with K-20 educational institutions:*

TCC will continue its longstanding partnerships with FSU, FAMU and Wakulla County Schools.

8. *Recommended by the board of county commissioners in Wakulla County:*

This program was on the agenda and was approved by the Wakulla County Board of Commissioners at its December 3<sup>rd</sup> meeting. Please see Appendix C.

9. *Partner with convention and visitor bureaus:*

The WEI Training Marine Technologies Certification Training Center will partner with the Wakulla County Tourist Development Council on the promotion of ecotourism activities like cycling, camping, fishing, hunting, paddling, hiking, birding, visiting scenic byways and other wildlife viewing across the Gulf Coast.

### **Attachment K: Priorities, Question 3**

*Please explain how the proposed project or program meets the discretionary priorities identified by the Board.*

The Wakulla Environmental Institute Training Marine Technologies Certification Training Center meets all applicable discretionary priorities identified by the Triumph Gulf Coast Board.

1. *Are considered transformational for the future of the Northwest Florida region.* The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center will award about 800 certificates over six years and add \$12.1 million to the GDP of Wakulla, Gulf and Franklin Counties. This program will be transformational and impact generation of workers in the region.  
This project will offer education and workforce training programs that support new industries that previously did not exist. Every dollar invested by Triumph will generate \$8 in return to the local economy. The workforce training opportunities provided by the program will all lead to jobs that pay above average wages not only for this region, but for the entire State of Florida.
2. *May be consummated quickly and efficiently.*  
WEI is already offering 4 classes in the Unmanned Systems Program, and is ready to add additional job and educational training programs.
3. *Promote net-new jobs in the private sector with an income above regional average household income.*  
It is estimated that 800 certificates will be awarded Further, the average salary of jobs created will be 209 % higher than the current average salary in Wakulla County (\$75,100 vs. \$24,292) (Data Source: Bureau of Labor Statistics OES 2017).
4. *Align with Northwest Florida FORWARD, the regional strategic initiative for Northwest Florida economic transformation.*

This project aligns with the majority of the regional strategic initiatives, including: **GOAL**

#### **1. TALENT**

- **1.1 Workforce training for large employers.**  
TCC is currently working with many large employers in healthcare, utilities, transportation and advanced manufacturing. The College continues to grow those partnerships, while engaging new partners all the time. TCC is the number one pipeline of talent for employers in the region.
- **1.3, 1.7 Training focused on underemployed and long-term unemployed residents.**  
TCC has a successful record of supporting long-term unemployed and underemployed residents with training for in-demand careers. Its workforce programs are specifically designed to recruit and work with this population.



Partnering with CareerSource and other community-based partners, the College facilitates collaboration to recruit and create new programs that serve the community. TCC is an inclusive institution that welcomes all who desire to learn, regardless of wealth, heritage or previous academic experience. The College serves all segments of society by providing an open-door to postsecondary education and training to all. TCC's responsiveness to community needs is demonstrated by its comprehensive programming portfolio. The range of programs that is offered, from short-term skills and adult basic education/ESL to high-demand workforce and transfer programs, fuels the development of both individuals and the community and serves as an engine for economic development.

○ **1.5 Expand work-based learning and career exploration opportunities for students.**

The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center will offer certificate and A.S degree programs for Unmanned Systems Programs.

○ **1.6 Further leverage the manufacturing academies model to expand the promotion of science, technology, engineering and math (STEM) programs and technical skills.**

At TCC, and by extension the WEI, STEM is imbued in its academic and workforce programs. Within the past several years, TCC was awarded a *National Science Foundation* grant to provide STEM scholarships for students. Through a generous private donation, TCC established the Dr. Lei Wang STEM Center, a multipurpose study space for students majoring in STEM programs. Students can utilize resources in the space and network with other classmates and faculty. At the Center, STEM students enjoy:

- Academic excellence workshops;
- Transfer assistance;
- Internship and scholarship opportunities;
- Study groups; and
- Academic advising and mentoring.

A majority of the education and workforce training programs that will be offered at the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center directly intersect with the STEM disciplines offered at TCC, and will therefore utilize the College's STEM resources.

## **GOAL 2. BUSINESS VITALITY**

○ **2.1 Ensure the growth of region's key industry clusters.**

The WEI is focused on creating jobs that support the advancement of employment, wages, innovation and entrepreneurship in the region. To accomplish this, WEI is creating the Unmanned Vehicle Systems Marine Technologies Certification Training Center. With the estimated billion dollar impacted of drones on our region combined with the eight bases in the Gulf Region, and the experience of

existing and former military members, this is the perfect marriage of need, demand, and resources.

- **2.6 Support the growth of microenterprises and small businesses in the region, particularly in rural areas and minority communities.**

As stated earlier, the WEI not only offers job training, but creates new businesses and new industries. WEI seeks to ensure that each student becomes a successful small business owner/entrepreneur. This same philosophy in being applied to the Unmanned Vehicle Systems Marine Technologies Certification Training Center.

#### **GOAL 4. ENTREPRENEURSHIP AND INNOVATION**

- **4.1, 4.5 Develop the region's entrepreneurial hubs and connect them with industry clusters, assets, services, networks, facilities, tools, and expertise.**

As stated above, Unmanned Vehicle Systems Marine Technologies Certification Training Center offered at WEI creates a new entrepreneurial hub and leverage partnerships with industry, other colleges and universities, CareerSource and existing relationships with the surrounding counties. These hubs will provide new job opportunities for residents in this region.

5. *Create net-new jobs in targeted industries to include: aerospace and defense, financial services/shared services, water transportation, artificial intelligence, cybersecurity, information technology, manufacturing, and robotics.*

It is estimated that over 800 Certificates will be awarded as a result of this project. The education and workforce training programs that align with the targeted industries include:

- Aerospace and Defense and Artificial Intelligence, Robotics and Cybersecurity
  - Unmanned vehicle systems (drones, submersibles)
  - Unmanned vehicle systems operations

6. *Promote industry cluster impact for unique targeted industries.*

The WEI will contribute to the growth of jobs and careers in aerospace and defense, water transportation, artificial intelligence, cybersecurity, manufacturing and robotics.

7. *Create net-new jobs with wages above national average wage (e.g., similar to EFI QTI program, measured on graduated scale).*

The average salary of jobs created will be 209 % higher than the current average salary in Wakulla County (\$75,100 vs. \$24,292) (Data Source: Bureau of Labor Statistics OES 2017).

8. *Are located in Rural Area of Opportunity as defined by the State of Florida (DEO).*

Wakulla, Gulf and Franklin Counties are all located in a Rural Area of Opportunity.

9. *Provide a wider regional impact versus solely local impact.*

While the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center is located in Wakulla County, it is creating new jobs and industries across the entire

region and recruiting from the entire region. By attracting people from across the region, the Unmanned Vehicle Systems Marine Technologies Certification Training Center is further driving economic development for our entire area.

- 10. Align with other similar programs across the regions for greater regional impact, and not be duplicative of other existing projects or programs.*

As mentioned earlier through our partnerships, especially with Wakulla County Schools, we will become an Unmanned Vehicle Systems hub for growth and development. In addition, we are looking to partner with all the ROTC programs in our region. Further, we are beginning discussions with business developers on new software integration programs and will work with all of our education partners on the development and coordination of the Unmanned Vehicle Systems program.

- 11. Enhance research and innovative technologies in the region.*

The WEI Training Marine Technologies Certification Training Center is enhancing research and innovative technologies in the region. TCC will create a living laboratory where workforce training curricula can be developed and implemented for new and existing occupations and new technologies for drones programs. This will allow the WEI to take cutting-edge research and create programs that teach students and employees how to harness and use these new technologies.

- 12. Enhance a targeted industry cluster or create a Marine Technologies Certification Training Center unique to Northwest Florida.*

The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center is focusing on multiple industry clusters.

- Unmanned vehicle systems (drones, and submersibles)
- Unmanned vehicle systems operations

- 13. Create a unique asset in the region that can be leveraged for regional growth of targeted industries.*

The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center will create a unique asset that prepares individuals for a career in a high skill, high wage industry.

- 14. Demonstrate long-term financial sustainability following Triumph Gulf Coast, Inc. funding.*

TCC has operated for over 50 years to serve students who invest in programming that provides a better opportunity for their future. The academic and workforce training programs proposed for the Center will be sustained like programs already offered at the College across all seven campus locations, through a combination of:

- Tuition;
- Students fees;
- Activity fees;
- Support from the TCC Foundation;
- Contracts and grants;
- State funding; and
- Corporate partnerships.

*15. Leverage funding from other government and private entity sources.*

TCC was previously awarded \$6 million for Phase I of the WEI. The state allocated \$4.5 million for its construction and the EDA awarded the College \$1.5 million for infrastructure development at the Institute's campus. This allowed us to create our existing Unmanned Vehicle Systems program.

As state assistance for education wanes and the cost of higher education continues to rise, private support is becoming increasingly necessary for TCC's growth and ability to maintain its standards of excellence as one of the country's preeminent community colleges. To support the College's efforts to implement the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center, the TCC Foundation established a local committee with the singular goal of identifying \$2 million in private funding that will provide additional resources for the Triumph Applications. The funds will be placed in an endowment, to be held in perpetuity, which will provide critical dollars annually that support the Unmanned Vehicle Systems Marine Technologies Certification Training Center, scholarships to students from Wakulla County and facility enhancements as programs and enrollment grow at the campus.

*16. Provide clear performance metrics over duration of project or program.*

The WEI will use clear performance metrics that include:

- Student enrollment;
- Program completion rates;
- Job placement rates of program completers;
- Number of new jobs created;
- Number of certificated awarded;
- GDP change for Wakulla, Gulf and Franklin counties;
- Total Employment change within Franklin, Gulf, and Wakulla counties.

*17. Include deliverables-based payment system dependent upon achievement of interim performance metrics.*

The initial deliverables will be the documented expenditures related to the creation of the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center.

*18. Provide capacity building support for regional economic growth.*

The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center is providing capacity building support through the creation of this new program that meets the need for increased employment, wages, innovation and entrepreneurship.

*19. Are environmentally conscious and business focused?*

The environment in Northwest Florida is the most precious and important resource this region has, and preserving, enhancing and realizing both its economic and intrinsic value is one of the core tenants of WEI Training. From the design of the environmentally-conscious building, to the restoration efforts of natural habitats, to green jobs training and workforce education and the promotion of eco-tourism in Wakulla County and the region, everything that is already being done and is proposed to take place at the Institute will benefit the environment.

*20. Include Applicant and selected partners/vendors located in Northwest Florida.*

All instructors, partners and vendors will be located in Northwest Florida.

### **Attachment L: Approvals and Authority, Question 3**

*Describe the timeline for the proposed project or program if an award of funding is approved, including milestones that will be achieved following an award through completion of the proposed project or program.*

<b>Project Activities</b>	<b>2020-2021 Year 1</b>	<b>2021-2022 Year 2</b>	<b>2022-2023 Year 3</b>
<b>Objective 1. Begin programmatic development of the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center, purchase equipment, develop curriculum, hire, and begin recruitment of students:</b>			
1.1 Construct safety shed for storage of batteries	X		
1.2 Purchase equipment for drone technology and maintenance.	X	X	X
1.3 Develop additional curriculum and educational programs	X		
1.4 Hire instructors	X		
1.5 Begin recruitment of students	X		
<b>Objective 2: Begin workforce and academic programs for the WEI Unmanned Vehicle Systems Marine Technologies Certification Center</b>			
2.1 Unmanned Vehicle Systems Operation		X	
2.2 Unmanned Vehicle Systems (drones, including submersibles wit sub-category focus on utilities		X	

## **Attachment M: Approvals and Authority, Question 4**

*Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity applying for funding. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc. In addition, please attach any support letters from partners.*

---

### **TALLAHASSEE COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES POLICY**

<b>TITLE:</b> Federal, State, and College-Funded Grants	<b>NUMBER:</b> 09-21
<b>AUTHORITY:</b> Florida Statute: 1001.64; 1001.65 Florida Administrative Code: 6A-14.0247	<b>SEE ALSO:</b> <ul style="list-style-type: none"><li>• <a href="#">Administrative Procedure 09-21AP: Federal, State, and College-Funded Grants</a></li></ul>
<b>DATE AD01'TED:</b> 12/01/1997; Revised 08/01/99; 05/17/10; 02/20/17	

College faculty and staff are encouraged to take advantage of all grants that will assist in their programs and/or help achieve the goals of the College. Also, the College shall pursue vigorously those federal and state grants that will facilitate the efforts of the College in assisting students and in providing equal access/equal opportunity to quality higher education for all who qualify.

The President or designee is authorized to establish and maintain federal, state, and college-funded grant provisions in accordance with Florida Statutes, Federal Regulation, and appropriate rules.

The Vice President for Administrative Services or designee provides assistance and coordination in preparing all grant proposals other than Financial Aid. Each area working with the Vice President has the responsibility of preparing the paperwork necessary for grant application. All work may be reviewed and approved by the Assistant Vice President for Administrative Services or designee before submission. This approval is in addition to all other signatures required by sources of grants.

Grant Awards, primary contracts, and related amendments will be presented to the Board of Trustees for approval at the first regular board meeting after the executed agreement is received. After approval by the Board of Trustees or designee, the Vice President for Administrative Services has the primary responsibility for coordination and administration of all grants submitted by the College.

The College shall participate in Federal and State programs that are appropriate for community college students or that are in the best interest of the College, or where participation is mandated by either Federal or State law.

## **Attachment N: Funding and Budget, Question 2**

*What percentage of total program or project costs does the requested award from Triumph Gulf Coast, Inc. represent? (Please note that an award of funding will be for a defined monetary amount and will not be based on percentage of projected project costs.)*

### **Percentage Breakdown of Costs**

<b>Description</b>	<b>Amount</b>
Triumph Fund for WEI Unmanned Vehicle Systems Marine Technologies Certification	\$1,959,382 Total Amount
Triumph Upfront Costs	\$315,000
TCC Scholarships	\$315,000

### **Attachment O: Funding and Budget, Question 3**

*Please describe the types and number of jobs expected from the proposed project or program and the expected average wage.*

<b>Proposed Program</b>	<b>Proposed Total Number of Certifications awarded over 6 Years</b>
<b>Certifications</b>	
FAA Pilot Instrument	25
FAA Private Pilot	25
FAA Ground School	175
FAA Ground Instructor – Basic	5
CAPE Agricultural Unmanned Aircraft Systems Specialist Certification	100
CAPE RECF Robotics	40
CAPE RECF Pre-Engineering	38
CAPE Programming and Logic Essentials	75
CAPE Rapid Prototyping & 3D Design Beginner	25
CAPE / USI sUAS Safety Certification	175
CAPE / USI VSO Safety Certification	40
USI Pro Safety Certification	30



<b>MARINE TECHNOLOGIES CAPE CERTIFICATION DEVELOPMENTAL PROGRAM</b>	
<b>*CAPE UVS Marine Technologies Boat Manufacturing Certification</b>	2
<b>*CAPE UVS Homeland Security Certification</b>	5
<b>*CAPE UVS Underwater Welding Certification</b>	5
<b>*CAPE UVS Aquaculture Management Certification</b>	10
<b>Total</b>	775

*\*proposed CAPE certifications for Marine Technologies Certification Training Program Development*

## **Attachment P: Funding and Budget. Question 5C**

*Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding and any other pertinent budget-related information.*

### **Background**

TCC is one of the top performing community colleges in the nation. Since its inception in 1966, the College has been at the forefront of advancing student success through education, workforce development and certification programs. In 2013, TCC began construction of Phase I of the WEI. The Institute site is 158 acres and features a sinkhole, wetlands and a natural bridge. The Institute's three-part mission is centered on education, conservation and recreation for the benefit of Wakulla County and the region.

The table below displays the budget for WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center (COE) and the budget provided by TCC/WEI.

**Budget Summary by Source**

	Triumph Budget
Triumph	\$ 1,959,382
TCC Scholarships	\$315,000
<b>Total</b>	<b>\$2,269,382</b>

### **Phase I**

The first phase of the WEI was constructed with a \$4.5 million investment from the State of Florida, and a \$1.5 million grant from the EDA to construct the initial building and provide infrastructure for future growth.

While the College developed Phase I of the Institute to support the revitalization of industries that collapsed as a result of the Deepwater Horizon oil spill, TCC's work in leading economic development activity in Wakulla County spawned new opportunities and initiatives that can only be completed with the addition of the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center.

### **WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center**

The College seeks \$1.9 million from the Triumph fund, to support the development of the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center. The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center will be an economic driver for our region.

The table below displays the budget for Phase II of the Institute WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center.

### **Budget for Unmanned Vehicle Systems Marine Technologies Certification Training Center**

Equipment (Drones)	\$1,343,447
Supplies	\$100,000
Salaries	\$300,000
Program Consultants	\$60,000
Construction (Storage Shed for Batteries)	\$100,000
Staff Training	\$55,935
TCC Scholarships	\$315,000
<b><i>Total WEI Unmanned Vehicle Systems: Marine Technologies Certification Training Center</i></b>	<b><i>\$2,269,382</i></b>

Please see Appendix B for Budget Narrative

The development of education and workforce training programs will begin immediately.

With the planned education and workforce training programs, the Triumph funds are necessary to ensure there is sufficient equipment and instruction. Leveraging a record of sound financial and environmental stewardship, the proposed WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center provides the opportunity for the College to grow its operations at WEI and catalyze transformational growth along the Gulf Coast.

### **Long-term Impact**

The proposed training expansion will enhance those initial impacts even further and leverage evolving macroeconomic trends in the Florida aerospace and transportation sectors.

The *Apalachicola Regional Planning Council* conducted a REMI economic analysis, forecasting that by project year 10 over 987 certificates will be awarded and \$12.1 million added to the GDP of the area including Wakulla, Gulf and Franklin Counties as a result of the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center. The projected return on the Triumph fund investment is \$6.1 for every \$1 funded.

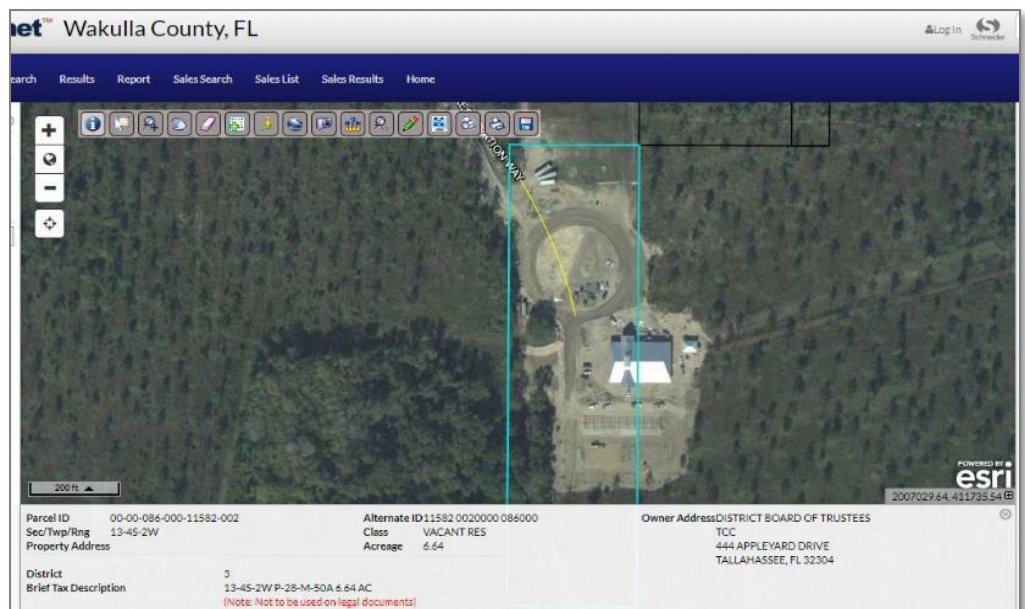
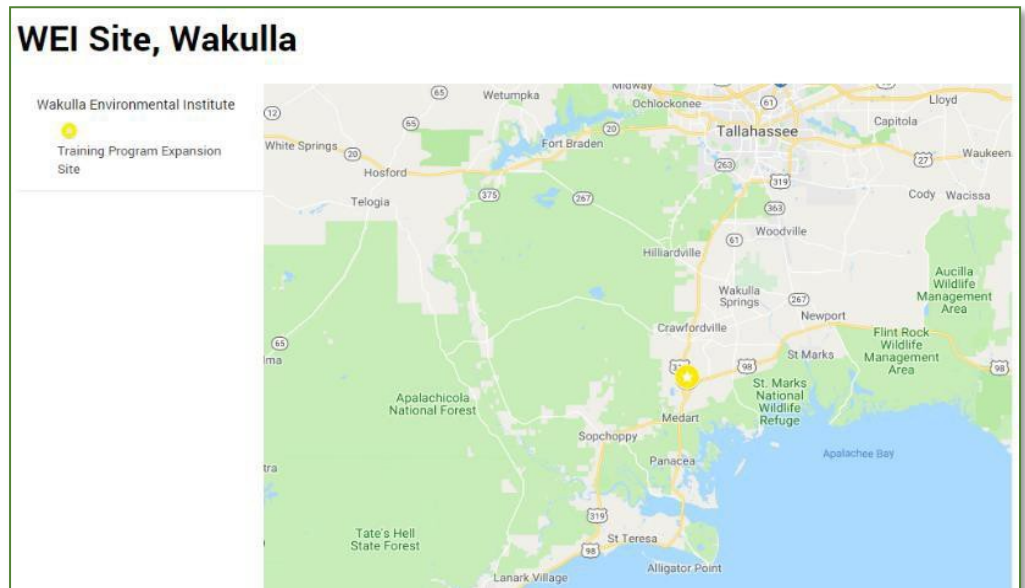
## **Attachment O: Addendum for Workforce Training Proposals, Question 1 A**

*Will this proposal support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties? If yes, please identify where the campuses are located and provide details on how the proposed programs will prepare students for future occupations and at which K-20 institutions that programs will be provided.*

WEI is located in Wakulla County.

WEI provides the region with new industries, employment opportunities and education programs that revolve around the three equal spokes of education (job training), conservation and recreation. The WEI Unmanned Vehicle Systems Marine Technologies Certification Training Center will be house at WEI and focus on:

- Aerial drone technology and maintenance;
- Submersible drone technology and maintenance.



## **Attachment R: Addendum for Workforce Training Proposals, Question 1 B**

1. *Increase students' technology skills and knowledge:*

All education and workforce training programs will increase technology skills and knowledge. The curricula developed at the Center will build on the robust portfolio of STEM programs currently operated by the College.

2. *Encourage industry certifications:*

One of the major goals of the educational programming that will be offered at WEI's Unmanned Vehicle Systems Marine Technologies Certification Training Center is to increase students' marketable skills and promote the attainment of industry-recognized credentials. These credentials are imbedded in the educational programming and are part of the curricula. These include:

- CAPE Agricultural Unmanned Aircraft Systems Specialist Certification
- CAPE RECF Robotics
- CAPE RECF Pre-Engineering
- CAPE IC3 Computing Fundamentals
- CAPE IC3 Key Applications
- CAPE IC3 Living Online
- CAPE ICT Communications Essentials
- CAPE ICT Computing Essentials
- CAPE Programming and Logic Essentials
- CAPE Rapid Prototyping & 3D Design Beginner
- CAPE / USI sUAS Safety Certification
- CAPE / USI VSO Safety Certification
- USI Pro Safety Certification FAA Part 107 for sUAS.
- FAA Pilot Instrument
- FAA Private Pilot
- FAA Ground School
- FAA Ground Instructor – Basic
- 

In addition, this will lead to a AS degree, as well as a College Credit certificate (CCC), a Post-Secondary Adult Vocational Program (PSAV) certificate, and or a Continuing Workforce Education (CWE) certificate.

3. *Strengthen career readiness initiatives:*

The purpose of all education and workforce training programs offered through the Unmanned Vehicle Systems Marine Technologies Certification Training Center is to lead to jobs and to ensure that students are career- ready upon completion. All of these programs are applied training programs, not theoretically- based. Students are taught skills that they will need in order to be successful in their chosen careers.

4. *Encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties (similar to or the same as talent retention programs created by the Chancellor*

*of the State University System and the Commission on Education):*

There are many ways that TCC's WEI can encourage students to pursue postsecondary education. One of the most effective ways is through dual enrollment. The College maintains 14 active dual enrollment agreements with the Gadsden, Leon, Liberty and Wakulla County school districts. It has also developed agreements with nine private and charter schools and works directly with home school students. Dual enrollment accelerates students to certificates and degrees and saves them money by allowing them to take classes at TCC while they are still attending high school.

Students can choose two different dual enrollment tracks:

***Early Admission Dual Enrollment Track***

Early Admission allows eligible secondary students to enroll in a postsecondary institution on a full-time basis (minimum of 12 credit hours and maximum of 15 credit hours) in courses that are counted toward a high school diploma and college degree.

***Career Dual Enrollment Track***

Career dual enrollment allows students to earn a high school diploma and complete a career- preparatory certificate program with elective credit.

As reported by the [Tallahassee Democrat](#) on May 4, 2017, Sherry Lohmeyer, assistant principal at Wakulla High School, said she's seeing more students attempting to earn their high school diploma and AA degree at the same time. Six Wakulla high students received their TCC degrees at the same time that they graduated from high school last year. "We are a rural county and a lot of our families benefit from this economically," Lohmeyer said. "It's a good fit because many of our students want to go to TCC when they graduate high school."

Through its dual enrollment program, TCC advisors work closely with schools, guidance counselors, teachers and administrators. Further, access to the WEI and its programming will supplement an already successful dual enrollment option and provide additional accelerated mechanisms to degrees and industry-recognized credentials for area high school students.

## **Attachment S: Addendum for Workforce Training Proposals, Question 1 E**

*Provide a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote:*

- *Economic recovery,*

The economic analysis performed projects that as a result of the WEI Training Marine Technologies Certification Training Center, as a result of 800 certificates that will generate \$12.1 million of new GDP by project year 6. The GDP-to-Project Cost ROI for the project is **\$6.1:\$1**. Therefore, for every dollar Triumph invests in this project, TCC's WEI Training Marine Technologies Certification Training Center will generate over \$6 of return into the regional economy. The project is projected to have a transformative impact on the region and will support generations of workers.

- *Economic Diversification,*

The WEI Training Marine Technologies Certification Training Center will offer education and workforce training programs that support vastly different fields and access to many different career options. Further, the training programs that are proposed all lead to careers with a higher annual mean wage than the current average earned in Wakulla County.

- *Enhancement of the disproportionately affected counties,*

While the WEI Training Marine Technologies Certification Training Center is located in Wakulla County, it is creating new jobs and industries for the Gulf Coast and Northwest Florida. It has established regional partnerships with industry and universities. All of the Institute's education and workforce training programs address workforce and industry needs for the entire region.

- *Enhancement of a Targeted Industry.*

This Marine Technologies Certification Training Center training program will develop the Advanced Transportation industry in the East Triumph Region, which is associated with high-skill, high-wage jobs. As well as create an opportunity for training in unmanned marine systems, something not currently available as a certificate program.



**Attachment T: Addendum for Workforce Training Proposals, Questions 2  
A,B,C**

Question 2 A

*Is this an expansion of an existing training program? Is yes, describe how the proposed program will enhance or improve the existing program and how the proposal program will supplements but not supplant existing funding sources.*

WEI has already established an unmanned aerial system training program consisting of:

- FAA 107 Training
- Intro to Editing
- Intro to Ground Flight School
- How to Build a Drone

Our goal is to extend the current programs being offered and develop an Associates of Science degree in Unmanned Aerial Systems (UAS A.S.), as well as an additional certificate-training program for unamanned marine systems. This Unmanned Vehicle Systems Marine Technologies Certification Training Center will afford the opportunity to offer classes more regularly and meet growing demands for these programs.

Question 2 B

*Indicate how the training will be delivered (e.g., classroom-based, computer based, other).*

Training will be delivered through a combination of hands-on field work, lab work and classroom-based learning. All training programs will be available at the WEI Training Marine Technologies Certification Training Center.

Question 2 C

*Identify the number of anticipated enrolled students and completers.*

It is anticipated that the Institute will enroll 41 students a year and produce almost 1,000 industry-recognized certificates and degrees by project year 6.

## **Attachment U: Addendum for Workforce Training Proposals, Questions 2 D**

*Indicate the length of the program*

Program	Length of Program	FAA				CAPE						USI, CAPE		
<b>Transportation</b>		107	Pilot Instrument	Private Pilot	Ground School	IC3	ICT	Robot	3-D	Pre-Eng.	Ag	UAS	VSO	Pro
Unmanned Vehicle Systems Operations	6 Semesters	X	X	X	X	X	X	X		X	X	X	X	X
Unmanned Vehicle Systems (Drones, including Submersibles with Sub-category focus on Utilities)	2 Semesters	X	X	X	X	X	X	X	X	X	X	X	X	X
Unmanned Vehicle Systems: Air-based commercial applications <sup>2</sup>	12 Weeks	X	X	X	X	X	X	X	X	X	X	X	X	X
Unmanned Vehicle Systems: Land-based commercial applications	12 Weeks					X	X	X	X	X	X	X	X	X
Unmanned Vehicle Systems: Marine Technologies commercial applications	12 Weeks					X	X	X	X	X	X	X	X	X
Unmanned Vehicle Systems: HPS	2 Semesters					X	X					X	X	X

---

<sup>2</sup> The Air, Land, and Sea-based applications will be provided as sub-disciplines of the overall Unmanned Systems Training.

## **Attachment V: Addendum for Workforce Training Proposals, Questions 2 E**

*Describe the plan to support the sustainability of the proposed program.*

This project will be sustained as all other academic and workforce programs are sustained at TCC, through a combination of:

- Tuition;
- Students fees;
- Activity fees;
- Support from the TCC Foundation;
- Contracts and grants;
- State funding; and
- Corporate partnerships.
- CAPE Funding

## **Attachment W: Addendum for Workforce Training Proposals, Question 2 F**

*Identify any certifications, degrees, etc. that will result from the completion of the program.*

<b>Proposed Program</b>	<b>Program Designation</b> <ul style="list-style-type: none"><li>• AA or AS Degree</li><li>• Continuing Workforce Education (CWE)</li><li>• College Credit Certificate (CCC)</li><li>• Industry Certification (IC)</li></ul>
<b>Certifications</b>	
FAA Part 107 for sUAS.	IC
FAA Pilot Instrument	AS, CCC, CWE
FAA Private Pilot	AS, CCC, CWE
FAA Ground School	AS, CCC, CWE
FAA Ground Instructor – Basic	AS, CCC, CWE
CAPE Agricultural Unmanned Aircraft Systems Specialist Certification	AS, CCC
CAPE RECF Robotics	AS, CCC
CAPE RECF Pre-Engineering	AS, CCC
CAPE IC3 Computing Fundamentals	AS, CCC
CAPE IC3 Key Applications	AS, CCC
CAPE IC3 Living Online	AS, CCC

CAPE ICT Communications Essentials	AS, CCC
CAPE ICT Computing Essentials	AS, CCC
CAPE Programming and Logic Essentials	AS, CCC
CAPE Rapid Prototyping & 3D Design Beginner	AS, CCC
CAPE / USI sUAS Safety Certification	AS, CCC
CAPE / USI VSO Safety Certification	AS, CCC

## **Attachment X: Addendum for Workforce Training Proposals, Question 2 G**

*Does this project have a local match amount? If yes, please describe the entity providing the match and the amount.*

To support the College's efforts to implement the proposed projects for WEI, TCC is contributing \$315,000 in scholarships for this project.

TCC is committed to seeking grants for the Gulf Triumph Unmanned Marine Systems Grant to provide scholarships for students who participate in the program. Currently the College reduces the cost for the offered courses to allow more students to obtain their certification. At present the courses would cost on average over \$700 in market value. We will reduce the price of the courses as a scholarship to each student that participates in our program giving each student over \$400 in cost savings. With this cost savings averaged over 10 years combined with our efforts to seek other grants from the National Science Foundation (NSF) and other agencies who could contribute,

We are currently projecting over 800 certifications in the 6 years at the cost of \$303 for 3 credit hours, this is without the change in cost per credit hour that may occur in future years. With this projection, we are looking at generating revenue in excess of \$284,108 CAPE funding being generated over the life of the project. This goes back into the programs to provide funding for the testing required by the industry certifications.

## **Appendix A: Economic Impact Forecast from Apalachee Regional Planning Council**

### **Context**

This memorandum presents outputs from a REMI model scenario of the proposed TCC Unmanned Aerial Systems Training project. The described scenario assesses impacts of an initial ~\$5 Million investment in terms of additional employment, gross domestic product, and personal income brought about by occupational training and resultant higher employment <sup>1</sup>.

Of note – *these outputs do not include positive impacts to the economy brought about by project construction, only the resulting economic activity.* Were construction costs to be included, the impacts to employment, value added (GDP), and personal income shown would be higher.

### **Table of Outputs**

The below table contains outputs describing average improvements in employment, value added, and personal income at year 6 of the project horizon.

<b>Output</b>	<b>Average Change</b>
<b>Employment</b>	+ 146
<b>Gross Domestic Product</b>	+ \$ 7,021,867
<b>Personal Income</b>	+ \$ 5,203,357

### **Discussion**

The above table indicates that positive shocks to the local economy, brought about by an uptick in new hires enabled by this training, will produce ~146 new forms of Employment, \$7 Million of additional GDP, and \$5.2 Million of additional Personal Income. Thus, the project will have a positive impact on the East Triumph (Franklin, Gulf, Wakulla) economy during the period described. The Return on Investment, in terms of additional otherwise unrealized GDP to project investment, will be \$1.4 to 1 as an average of the first six years' implementation. The cost per job will be \$34,184.

---

<sup>1</sup>Via Mean-Delta ( $\mu \Delta$ ), or average difference between the control and simulation over the variable-input time period.

**Methodology & Variable Inputs**

For this scenario, input values were provided by TCC, which indicates that as a consequence of \$5,000,000 used to launch this program, direct, indirect, and induced employment will result.

Project Investment: EDA	\$5,000,000
----------------------------	-------------

Model inputs consist of 75% local job placement of trainees each year of training. Inputs are as follows:

Input – Trainer Employment

	2020	2021	2022	2023	2024	2025
Variable 1 Inputs - Employment Education	1.5	1.5	1.5	1.5	1.5	1.5



Outputs – Trainer Employment

								Averages, Years 1-6	
Variable 1 - UAV Trainers	Employment	1.64	1.67	1.67	1.67	1.66	1.65		1.7
	Personal Income	16.15	17.66	21.22	24.94	28.58	32.03	\$	23,428.17
	GDP	23.92	25.66	26.51	26.80	26.79	26.63	\$	26,052.00

Inputs – Occupational Training

		2017	2020	2021	2022	2023	2024	2025
Variable 2 Inputs - Occupational Training	Unmanned Arial							
	Systems Operation	50	50	50	50	50	50	50

Outputs – Occupational Training

								Averages, Year 1-6	
Variable 2 - Occupational Training	Employment	0.05	0.17	0.34	0.54	0.75	0.96		0
	Personal Income	-17.65	-39.69	-65.94	-94.78	-126.03	-161.59	\$	(84,277.83)
	GDP	4.23	11.30	20.29	30.32	40.69	50.87	\$	26,281.50

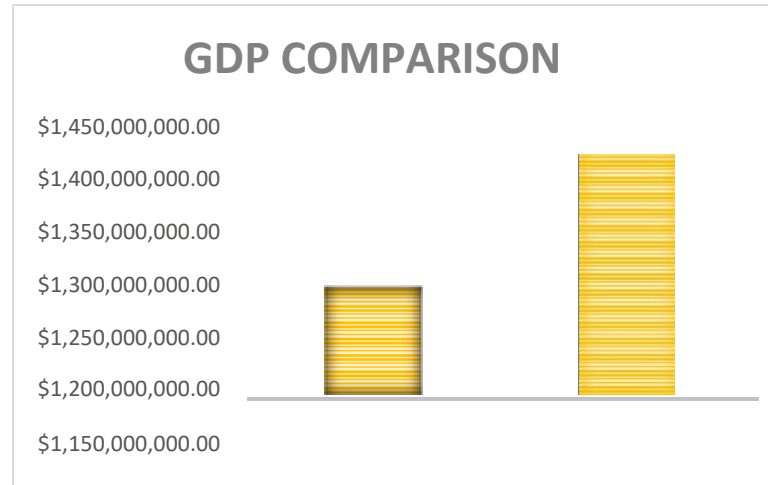
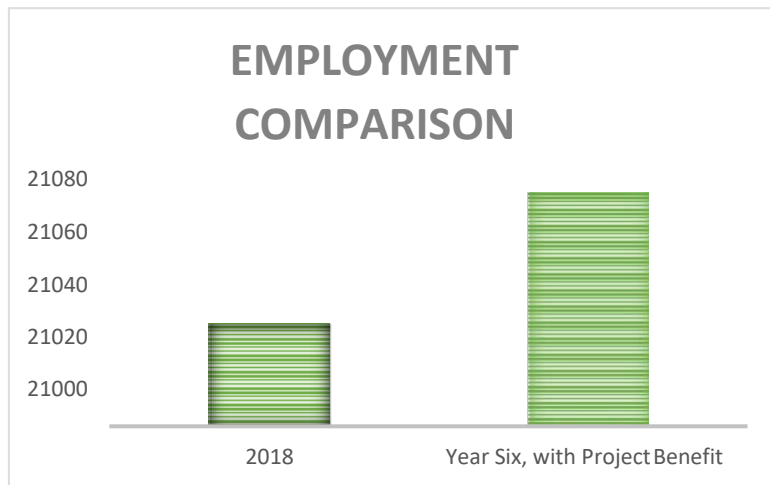
Inputs – Resultant UAV Employment

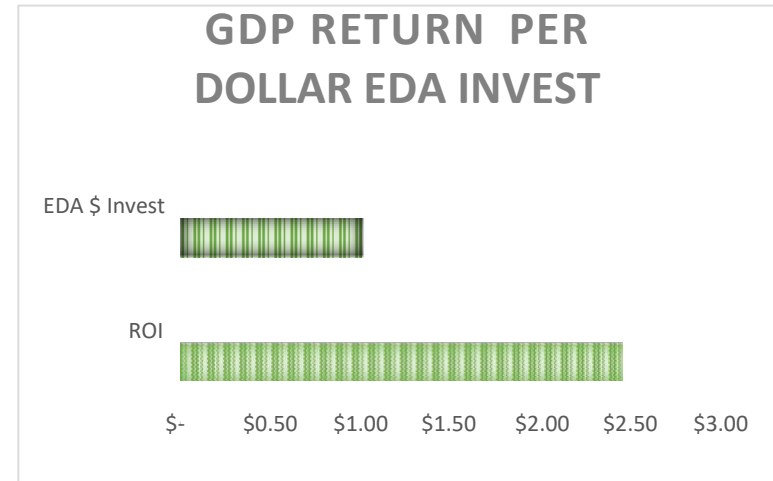
		2017	2021	2022	2023	2024	2025
Variable 3 Inputs - New	Unmanned Arial Systems	37.5	75	112.5	150	187.5	
	Employment Operation						

# Outputs – Resultant UAV Employment

							Year 1-6 Averages
Variable 3 - UAV Employment	Employment	46.10	94.37	143.78	193.49	242.94	144
	Personal Income	1317.58	2955.37	4946.23	7242.75	9859.11	\$ 5,264,206.80
	GDP	2091.62	4388.28	6846.95	9420.88	12099.95	\$ 6,969,533.80

The following charts illustrate augmented employment, GDP, and personal income at year six of the project, compared to at year 1.





The GDP to project investment ROI is 1.4 to 1. The cost per job as an average of direct and indirect employment created over the first six years will be \$34,184.

The following attachment provides a spreadsheet overview of inputs and outputs from the REMI model that was used to compile this memorandum's take-aways.

## TC Training Program 2: Unmanned Vehicle Systems Operations Training

Project Area	Variable	2015	2020	2025	2032	2039	2044	2051
\$	5,000,000.00							
	Employment	0.44	1.67	1.67	1.67	0.66	1.65	

Notes: Variable (value) 1: 0 when low or a nominal forecast; the value, the output or a forecast. They should be used together in the analysis of all time photographs.

3,010,536.88

[illegible]

Sample 1: 1997 Taxpayers	Personal income	16.01	17.66	19.23	24.86	28.38	32.03	\$	35,408.17	assessments
	GDP	23.92	25.66	26.51	26.80	26.79	24.43	\$	36,552.00	

from: [www.irs.gov](#)

	Employee's	0.05	0.17	0.34	0.64	0.75	0.90	
Variance - Other Social Training	Personal income	-17.01	-10.89	-6.94	-34.78	-130.03	-168.04	\$ 10,761,156.58

Unmanned Aerial Systems		\$0	\$0	\$0	\$0	\$0	\$0
Variable / Item	Ques nation						
1. Training		2020	2021	2022	2023	2024	2025

										Aver ages	
Employee id		46.0584.27	163.76	163.49	142.84	144					
Variable 1 - Unit: \$/Employee	Personal Income	137.12 2051.37	4966.23	7362.75	9823.11	\$ 5,264,206.80	* Factor - Variable equals 1.5 and is not set as a 40 national Service Transfer Fee and not a national. They should be added together with it is a reflection of all these with single variable				
	GDP	2051.32 4.98.78	6886.95	9023.88	1209.05	\$ 6,945,133.83	EconomyGDPGDP				
2018		2025		Sum of impacts 2025		Sum of aver ages by \$25,44 Year Index					
Fixed	5531.55	5458	Employee id	2451.55	Net Average Employment	144					
Employment 100% 100% Control	Gulf	6522.70	6524.30	Personal Income	\$ 6,728,545.00	Net Average Personal Income	\$ 5,265,107.15				
	Wakulla	6467.465	6555.455	GDP	\$ 5,127,648.00	Net Average GDP	\$ 7,021,867.35				
										1.4	
BO GDP GDP to Project										2.4 40% (see GDP to Cost)	1.4

Project Name	Financial Data (USD Millions)									
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue
	Expenses	Expenses	Expenses	Expenses	Expenses	Expenses	Expenses	Expenses	Expenses	Expenses
Project A	120.5	135.2	150.8	165.3	180.1	195.7	210.4	225.9	240.6	255.3
	80.2	88.5	95.1	102.4	110.3	118.6	126.8	135.2	143.7	151.9
	40.3	46.7	55.7	62.9	70.8	77.1	83.6	90.7	97.3	103.4
Project B	95.7	102.3	110.5	118.2	126.4	135.1	144.3	153.8	163.5	173.2
	60.1	65.8	71.2	76.5	81.9	87.4	93.1	98.9	104.8	110.9
	35.6	36.5	39.3	41.7	44.5	47.7	50.2	53.6	56.7	59.3
Project C	110.3	125.6	140.2	155.8	170.5	185.3	200.1	215.4	230.7	245.9
	70.8	78.1	85.4	92.7	100.1	107.6	115.2	122.9	130.6	138.3
	39.5	47.5	54.8	63.1	70.4	77.7	85.9	93.5	101.1	108.6
Project D	88.9	95.4	102.1	109.5	116.8	124.2	131.7	139.3	147.1	155.0
	55.3	58.7	62.5	66.3	70.1	73.9	77.8	81.7	85.6	89.5
	33.6	36.7	39.6	43.2	46.7	50.3	53.9	57.6	61.5	65.5
Project E	130.2	145.8	160.5	175.3	190.1	205.4	220.7	236.1	251.5	266.9
	85.1	92.4	100.2	108.1	116.3	124.6	133.1	141.7	150.4	159.1
	45.1	53.4	60.3	67.2	73.8	80.7	87.6	94.4	101.1	107.8
Project F	90.5	98.2	106.1	114.3	122.7	131.2	139.8	148.5	157.3	166.1
	58.3	62.5	66.8	71.2	75.6	80.1	84.6	89.1	93.6	98.1
	32.2	35.7	39.3	43.1	46.1	49.1	52.2	55.4	58.7	61.0
Project G	105.8	118.5	131.2	144.9	158.6	172.3	186.0	199.7	213.4	227.1
	68.4	74.1	80.5	86.9	93.3	99.8	106.3	112.8	119.3	125.8
	37.4	44.4	50.7	58.0	65.3	72.5	79.7	86.9	94.1	101.3
Project H	115.6	128.3	141.0	153.7	166.4	179.1	191.8	204.5	217.2	229.9
	72.9	79.5	86.1	92.7	99.3	105.9	112.5	119.1	125.7	132.3
	42.7	48.8	54.9	61.0	67.1	73.2	79.3	85.4	91.5	97.6
Project I	98.7	107.4	116.1	124.8	133.5	142.2	150.9	159.6	168.3	177.0
	62.5	67.2	72.0	76.8	81.6	86.4	91.2	96.0	100.8	105.6
	36.2	40.2	44.1	48.0	51.9	55.8	59.7	63.6	67.5	71.4
Project J	125.4	138.1	150.8	163.5	176.2	188.9	201.6	214.3	227.0	239.7
	81.2	88.5	95.8	103.1	110.4	117.7	125.0	132.3	139.6	146.9
	44.2	49.6	55.0	60.4	65.8	71.2	76.6	82.0	87.4	92.8
Project K	102.1	112.5	122.9	133.3	143.7	154.1	164.5	174.9	185.3	195.7
	65.8	71.2	76.6	82.0	87.4	92.8	98.2	103.6	109.0	114.4
	36.3	41.3	46.3	51.3	56.3	61.3	66.3	71.3	76.3	81.3
Project L	118.9	130.2	141.5	152.8	164.1	175.4	186.7	198.0	209.3	220.6

GDP Rate, 1991 Constant	Foodstuffs	21685.886	40485.385	Employment % 2018	1.2%	Employment % 2018	0.7%
	Gulf	28698.1471	44085.3.83	Employment % 2015	1.2%	Employment % 2015	0.7%
Wakulla		112514.458	954229.576	GDP % 2018	1.0%	GDP % 2018	0.4%
				GDP% 2015	0.9%	GDP% 2015	0.5%
						Cost per job	\$ 34,388.36

## Context

This memorandum presents outputs from a REMI model scenario of the proposed TCC Unmanned Aerial Systems Training project. The described scenario assesses impacts of an initial ~\$1.94 Million investment in terms of additional employment, gross domestic product, and personal income brought about by occupational training and resultant higher employment <sup>1</sup>.

Of note – *these outputs do not include positive impacts to the economy brought about by project construction, only the resulting economic activity.* Were construction costs to be included, the impacts to employment, value added (GDP), and personal income shown would be higher.

## Table of Outputs

The below table contains outputs describing average improvements in employment, value added, and personal income at year 6 of the project horizon.

<b>Output</b>	<b>Average Change</b>
<b>Employment</b>	+ 146
<b>Gross Domestic Product</b>	+ \$ 7,021,867
<b>Personal Income</b>	+ \$ 5,203,357

## Discussion

The above table indicates that positive shocks to the local economy, brought about by an uptick in new hires enabled by this training, will produce ~146 new forms of Employment, \$7 Million of additional GDP, and \$5.2 Million of additional Personal Income. Thus, the project will have a positive impact on the East Triumph (Franklin, Gulf, Wakulla) economy during the period described. The Return on Investment, in terms of additional otherwise unrealized GDP to project investment, will be \$8.12 to 1 as an average of the first six years' implementation. The cost per job will be \$10,255.

---

<sup>1</sup> Via Mean-Delta ( $\mu \Delta$ ), or average difference between the control and simulation over the variable-input time period.

### Methodology & Variable Inputs

For this scenario, input values were provided by TCC, which indicates that as a consequence of \$1,500,000 used to launch this program, direct, indirect, and induced employment will result.

Project Investment: TRIUMPH	\$1,500,000
--------------------------------	-------------

Model inputs consist of 75% local job placement of trainees each year of training. Inputs are as follows:

#### Input – Trainer Employment

	2020	2021	2022	2023	2024	2025
Variable 1 Inputs - Employment Education	1.5	1.5	1.5	1.5	1.5	1.5

Outputs—Trainer Employment

								Averages, Years 1-6	
Variable 1 - UAV Trainers	Employment	1.64	1.67	1.67	1.67	1.66	1.65		1.7
	Personal Income	16.15	17.66	21.22	24.94	28.58	32.03	\$	23,428.17
	GDP	23.92	25.66	26.51	26.80	26.79	26.63	\$	26,052.00

Inputs—Occupational Training

		2017	2020	2021	2022	2023	2024	2025
Variable 2 Inputs - Occupational Training	Unmanned Arial							
	Systems Operation	50	50	50	50	50	50	50



Outputs – Occupational Training

								Averages, Year 1-6	
Variable 2 - Occupational Training	Employment	0.05	0.17	0.34	0.54	0.75	0.96		0
	Personal Income	-17.65	-39.69	-65.94	-94.78	-126.03	-161.59	\$	(84,277.83)
	GDP	4.23	11.30	20.29	30.32	40.69	50.87	\$	26,281.50

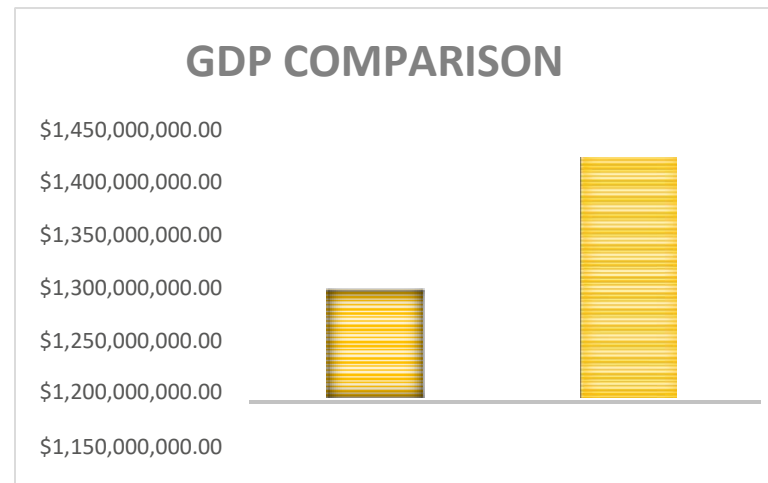
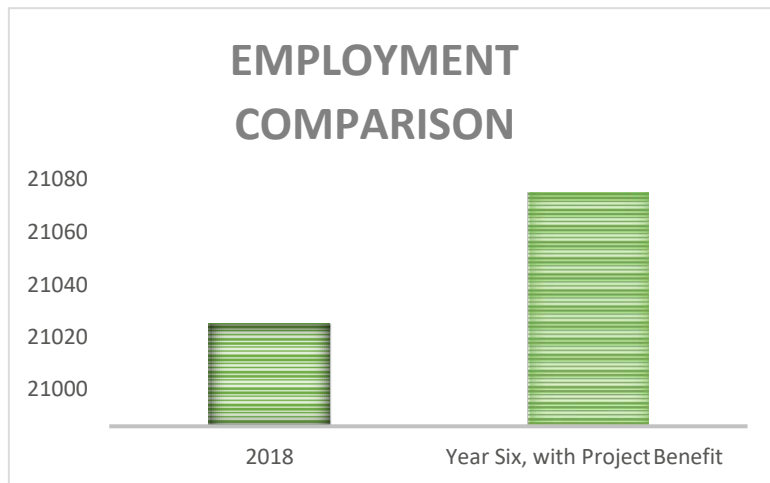
Inputs – Resultant U A V Employment

		2017	2021	2022	2023	2024	2025
Variable 3 Inputs - New	Unmanned Arial Systems		37.5	75	112.5	150	187.5
	Employment Operation						

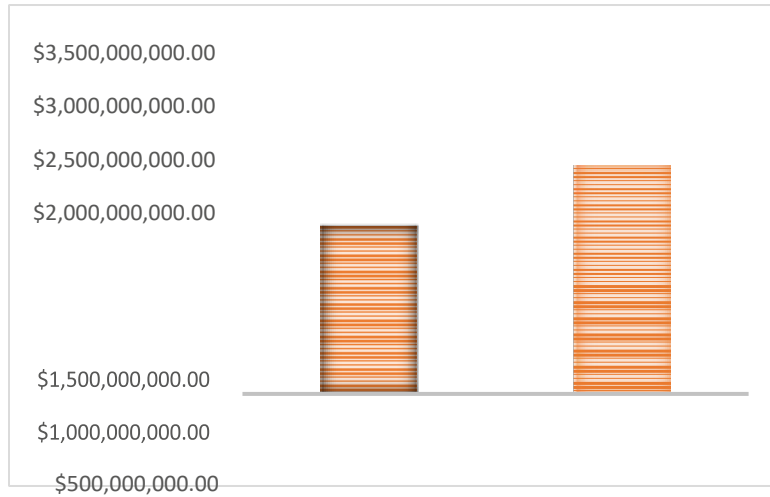
Outputs – Resultant UAV Employment

							Year 1-6 Averages
Variable 3 - UAV Employment	Employment	46.10	94.37	143.78	193.49	242.94	144
	Personal Income	1317.58	2955.37	4946.23	7242.75	9859.11	\$ 5,264,206.80
	GDP	2091.62	4388.28	6846.95	9420.88	12099.95	\$ 6,969,533.80

The following charts illustrate augmented employment, GDP, and personal income at year six of the project, compared to at year 1.



## PERSONAL INCOME



## GDP RETURN PER DOLLAR

### TRIUMPH INVEST



The GDP to project investment ROI is 8.12 to 1. The cost per job as an average of direct and indirect employment created over the first six years will be \$10,255.

The following attachment provides a spreadsheet overview of inputs and outputs from the REMI model that was used to compile this memorandum's take-aways.

## TC Training Program 2: Unmanned Vehicle Systems Operations Training

Project	Ask	Variable	2019	2020	2021	2022	2023	2024	2025
---------	-----	----------	------	------	------	------	------	------	------

[illegible]

Variable 1 - URV Trainers	Personal income	16.85	17.66	21.22	24.96	28.58	32.03	35.48
------------------------------	-----------------	-------	-------	-------	-------	-------	-------	-------

GDP	23.82	25.66	26.51	26.80	26.79	26.63
-----	-------	-------	-------	-------	-------	-------

	Employee	0.05	0.17	0.34	0.54	0.75	0.90
Variable 2 - Occupational Training	Personal income	-47.65	-39.69	-45.94	-44.78	-426.08	-161.59

GDP	4.23	11.30	20.29	30.32	40.40	50.87
-----	------	-------	-------	-------	-------	-------

Employee ID	46109437	143.38	193.49	242.94
-------------	----------	--------	--------	--------

Variable 3	Personal income	1317.58 2955.37	694623	7042.7%	9850.11
------------	-----------------	-----------------	--------	---------	---------

GDP	2091.62	4 388.28	6844.95	9420.88	12099.95
-----	---------	----------	---------	---------	----------

	2018	2025	Sum of Impacts, 2025	Sum of Ave. ages by 2025
Franklin	5501.55	5458	Employment	245.55 Net Average Employment

Employment SGA, ADM/Control	Gulf	6022.708	6054.368	Personal Income	\$	9,729,545.00	Net Average Personal Income	\$
	Wakulla	9497.465	9256.496	GDP	\$	12,177,648.00	Net Average GDP	

\_\_\_\_\_

	Franklin	215081.886	202081.805	Employment %2018	1.2%	Employment %2018
GDP (Bns, BMM)	Gulf	288987.872	888852.813	Employment %2025	1.2%	Employment %2025

Wakula	112518.658	56259.326	GDP % 2018	1.0%	GDP % 2018
			GDP% 2025	0.9%	GDP% 2025
					Cost per job

€	2017	2018	2019	2020	2021	2022	2023	2024	2025
---	------	------	------	------	------	------	------	------	------

Figure 1 illustrates the experimental setup. A subject is seated at a table, looking at a screen. On the screen, a starting point (S) and a target (T) are marked. A horizontal line connects S and T, with the distance between them labeled 'D'. The subject's hand is shown moving from S to T. The screen is labeled 'Screen' and the table is labeled 'Table'.

	Y early change	#FALGUS?	#DIVVIV	#DIVVIV	1.00	1.00	1.00	1.00	1.00
	2007	2008	2008	2020	2021	2022	2023	2024	2025

Unmanned Aerial Systems						
Variable / Input	2000	2001	2002	2003	2004	2005
Operation	50	50	50	50	50	50
Occupation & Training						

850 500 4500 350 370 250 330 250 600 500

	2017	2018	2019	2020	2021	2022	2023	2024	2025
μ <sub>CO<sub>2</sub></sub> = 1.6 g CO <sub>2</sub> /kWh + 3 km <sup>3</sup> liquefied air/yr					542,541	1,176,141	1,830,233	2,514,043	3,223,100

Wakulla	680.322	1063.295	2280.198	2126.219	4050.662
---------	---------	----------	----------	----------	----------

---

	2020	2021	2022	2023	2024	2025
Franklin		\$6.115	\$9.362	\$1.072	\$9.014	\$6.894

Employees at	Gulf	14,855	30.2	45,773	61,291	76,879
	Wakulla	15,131	30.872	46,935	62,084	79,168

		2020	2021	2022	2023	2024	2025
Personal Income	Franklin	615,203	845,645	238,489	352,173	475,7424	
	Gulf	349,476	773,023	12,803,869	1868,677	2633,35	

## **Appendix B: Budget Narrative**



May 22, 2020  
Honorable Don Gaetz, Chairman  
Triumph Gulf Coast, Inc.  
Attn: Susan Skelton, Executive Director  
P.O. Box 12007  
Tallahassee, Florida 32317

Chairman Gaetz:

This letter is to inform you that the WEI Unmanned Vehicle Systems Marine Technologies Certification Training Program will be in existence for a minimum of three years, and much longer after that. This program will become an integral part of the fabric of Tallahassee Community College and will continue to provide us with the opportunity of serving our students and our greater community. We appreciate the opportunity to submit this application and are looking forward to providing any additional information.

Sincerely,

Jim Murdaugh, Ph.D.

President

Cost Elements	Triumph	TCC In-Kind Match	Time Period	First Year Budget Needed From Triumph	Second Year Budget Needed From Triumph	Third Year Budget Needed From Triumph
<b>Salaries</b>						
Bob Ballard Executive Director of WEI (25% effort with fringe) @ \$40,625 a year for 3 years		\$121,875	36 Months Total			
Albert Wynn Associate Director of WEI (25% effort with fringe) @ \$33,660 a year for 3 years		\$100,800	36 Months Total			
Alexis Howard Program Assistant of WEI (25% effort with fringe) @ \$15,550 a year for 3 years		\$46,650	36 Months Total			
1 Professor @ \$75,000 a year for 3 years	\$150,000 (7-30 months)	\$75,000 (31-42 months)	42 Months Total	\$37,500	\$75,000	\$37,500
1 Program Director/Certified Repair Technician @ \$75,000 for 3 years	\$150,000 (7-30 months)	\$75,000 (31-42 months)	42 Months Total	\$37,500	\$75,000	\$37,500
<b>Facilities</b>						
WEI Building Classrooms, Lab space availability Use of space @1,100 a day, 3 days a week for 3 classes for 3 semesters (\$3,300 X 24 weeks X 3 years)		\$237,600	36 Months Total			
Storage Facility to House Drones	\$100,000		1st 6 Months	\$100,000		
<b>Training and Development</b>						
Program Consultants	\$60,000		1st year	\$60,000		
Program Equipment and Materials	\$100,000		1st year	\$100,000		
Staff Training	\$55,935		1st year	\$55,935		
<b>Aerial Drones and Drone Equipment</b>						
US Drones						
1. Thermal H520-CGOET ea. @ \$5,000 (4)	\$20,000		2nd year		\$20,000	
2. Typhoon H Plus ea. \$1,900 (10)	\$19,000		2nd year		\$19,000	
AUTEL						

<b>Cost Elements</b>	<b>Triumph</b>	<b>TCC In-Kind Match</b>	<b>Time Period</b>	<b>First Year Budget Needed From Triumph</b>	<b>Second Year Budget Needed From Triumph</b>	<b>Third Year Budget Needed From Triumph</b>
1. EVO - \$1,200.00 (8)	\$9,600		2nd year		\$9,600	
2. Kestrel Fixed Wing - \$6,500 (3)	\$19,500		2nd year		\$19,500	
USI			2nd year			
1. Fixed Wing for Agriculture Sandstorm w/ training ea. @ \$250,000	\$250,000		2nd year		\$250,000	
2. Sensors pkg. @ \$15,000	\$15,000		2nd year		\$15,000	
US Drones			2nd year			
Precision Hawk (US) DJI Matrice Platform - \$50,500 (2)	\$101,000		2nd year		\$101,000	
DJI Mavic 2 Pro Platform - \$1,700 (10)	\$17,000		2nd year		\$17,000	
DJI Inspire 2 Premium \$13,000 (4)	\$52,000		2nd year		\$52,000	
DJI Developer Tools	\$10,000		2nd year		\$10,000	
Drone Build Kits \$500 (50)	\$25,000		2nd year		\$25,000	
OPENROV						
Trident - \$1,699 (4)	\$6,796		1st year	\$6,796		
V2.8 Kit - \$899 (10)	\$8,990		1st year	\$8,990		
SEAPERCH KITS						
SeaPerch Kit - \$179 (150)	\$26,850		1st year	\$26,850		
Tool Bag - \$249 (15)	\$3,735		1st year	\$3,735		
GENEINNO						
Titan – \$2,599 (10)	\$25,990		1st year	\$25,990		
DEEP TREKKER			1st year			
DTG2 - \$9,499 (2)	\$18,998		1st year	\$18,998		
DTG3 - \$11,000 (5)	\$55,000		1st year	\$55,000		
iBUBBLE – \$5,398.80 (10)	\$53,988		1st year	\$53,988		
POWERSVISION			1st year			
PowerRay - \$1,399 (4)	\$5,596		1st year	\$5,596		
DRONE BUILD KITS						



<b>Cost Elements</b>	<b>Triumph</b>	<b>TCC In-Kind Match</b>	<b>Time Period</b>	<b>First Year Budget Needed From Triumph</b>	<b>Second Year Budget Needed From Triumph</b>	<b>Third Year Budget Needed From Triumph</b>
3-D printer Markforged 3-D Printer – Mark Two (\$16,000 (2) for drone build parts.	\$32,000		1st year	\$32,000		
Composite Materials (\$12,404)	\$12,404		1st year	\$12,404		
MICROSYSTEMS FIRST (UMV -Unmanned Marine Veh)	\$255,000		1st year	\$255,000		
<b>CLEARPATH</b>						
JACKAL PLATFORM - \$11,750 (2)	\$23,500		3rd year			\$23,500
Extra Lithium Ion Battery: ea. \$550 (20)	\$11,000		3rd year			\$11,000
Battery Charger: ea. \$105 (4)	\$420		3rd year			\$420
On-Board Computer Upgrades: @3,165 (2)	\$6,330		3rd year			\$6,330
Long Range Wireless Network Station: \$4,450 (2)	\$8,900		3rd year			\$8,900
Sensors: \$41,256	\$41,256		3rd year			\$41,256
Manipulator arm: \$25,150	\$25,150		3rd year			\$25,150
CLEARPATH HUSKY PLATFORM -\$18625(2)	\$37,250		3rd year			\$37,250
Extra Lead Acid Battery - \$325(10)	\$3250		3rd year			\$3250
UGV Top Plate - \$480 (2)	\$960		3rd year			\$960
Weather Resistance Upgrade - \$4895 (2)	\$9,790		3rd year			\$9,790
Emergency Stop Tie-In - \$775 (2)	\$1,550		3rd year			\$1,550
Battery Charger - \$170 (4)	\$680		3rd year			\$680
Sensors: \$41,256	\$41,256		3rd year			\$41,256
Long Range Broadband Communication Transceiver - \$1,500 (2)	\$3,000		3rd year			\$3,000
<b>UNMANNED VEHICLE SYSTEMS BUILD KIT</b>						
TH Robot Wifi Buil ea. @ \$260 (150) = \$39,000	\$39,000		3rd year			\$39,000

Cost Elements	Triumph	TCC In-Kind Match	Time Period	First Year Budget Needed From Triumph	Second Year Budget Needed From Triumph	Third Year Budget Needed From Triumph
Parts and supplies: \$46,708	\$46,708		3rd year			\$46,708
TCC Drone Program Operation Costs		\$350,000	10 years			
CAPE Contribution		\$284,108	1 <sup>st</sup> year			
Scholarships		\$160,000	10 years			
<b>Totals</b>	<b>\$1,959,382</b>	<b>\$1,451,033</b>		<b>\$896,282</b>	<b>\$688,100</b>	<b>\$375,000</b>
<b>Total Grant:                   \$3,410,415</b>						

## **Appendix C: County Commission Approval**



December 5, 2018

Ms. Susan Skelton, Executive Director  
Triumph Gulf Coast, Inc.  
Post Office Box 12007  
Tallahassee, Florida 32317

Dear Ms. Skelton,

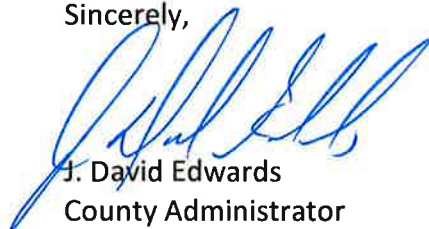
Wakulla County appreciates your understanding and consideration of projects that support pre-and post-disaster recovery efforts due to the devastating effects of Hurricane Michael. Like many other rural, coastal counties our emergency communication system and facilities are inadequate and not constructed for category 3 or higher hurricanes. As we assess our damage and observe the damage to our neighboring panhandle counties it becomes more evident that we must be prepared for such future catastrophic events.

Therefore, on December 3, 2018, the Board approved updates to its list of County priority projects and supported Triumph projects. Enclosed is the updated listed as well as a summary of the updates.

The Board also directed staff to schedule a workshop in February 2019, for discussion and citizen input on new or revised projects as well as prioritization of supported projects. Triumph will be advised as soon as possible should the Board make any future changes to our list of supported and priority projects.

Again, thank you for Triumph's support as we move forward on the road to recovery as well as preparing for the future.

Sincerely,



J. David Edwards  
County Administrator

Enclosures

/stk

C: Wakulla County Board of County Commissioners  
Mr. Bob Ballard, Executive Director, WEI-TCC  
Mr. Rob Olin, Panacea Oyster Co-op  
Ms. Sheree T. Keeler, Director of Intergovernmental Affairs

**BOARD OF  
COUNTY COMMISSIONERS**

**Charles Hess, Ph.D.**  
Chairman, District 5

**Mike Stewart**  
Vice-Chairman, District 3

**Ralph Thomas**  
District 1

**Randy Merritt**  
District 2

**Quincee Messersmith**  
District 4

**J. David Edwards**  
County Administrator

**Heather J. Encinosa**  
County Attorney  
(850) 224-4070

Office of Intergovernmental Affairs  
Post Office Box 1263  
Crawfordville, FL 32326  
(850) 926-0929 x 705  
www.mywakulla.com

**SUMMARY OF DECEMBER 3, 2018 UPDATES TO  
WAKULLA COUNTY'S LIST OF SUPPORT TRIUMPH GULF COAST, INC. PROJECTS**

**Updated Top Three County Projects**

Priority and Project Title	Applicant	Status
#1 First Responder Communication System	Wakulla County	Pre-application was approved, and staff are developing final application.
#2 New County Library	Wakulla County	Pre-application was approved, and staff are developing final application. Project scope is being expanded to construct Library as a <b>Disaster Risk Shelter</b> .
#3 Wakulla County Learning Center	Wakulla County School Board	The application was submitted, and discussions are ongoing between WCSB and Triumph staff regarding application revisions.

**Projects Removed and Reason:**

Project Title	Applicant	Status
Wakulla Career and Technical Education Center (was County Priority #1)	Wakulla County School Board	Removed from List of Supported Project due to Triumph approved funding agreement executed, and project is underway.
ADA Compliant Kayak/Canoe Launch St. Marks City Park (was County Priority #5)	City of St. Marks	Application was not approved.
St. Marks Board Walk Marine Manufacturing Training Center	City of St. Marks WEI – TCC	Application was not approved. Project was withdrawn and new refined applications submitted.

**Supported Projects Added**

Project Title	Applicant	Status
WEI Ocean Shellfish Nursery / Hatchery and Processing Facility	WEI – TCC	Board supported and County list of supported Triumph Projects updated.
WEI Environmental and Technical Training Center <ul style="list-style-type: none"> <li>• Electric and Communication Utilities Training</li> <li>• Oyster Boat, Composite, and Mechanics Training</li> <li>• Unmanned Vehicle Systems (aka Drones) Training</li> </ul>	WEI – TCC	Board supported and County list of supported Triumph Projects updated.
Dedicated Program to Expand Oyster Ranching in Wakulla County and Resurrect Aquaculture in Apalachee Bay	Panacea Oyster Co-op Corporation	Board supported and County list of supported Triumph Projects updated.

WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3, 2018, (Original Submitted on November 6, 2017, Updated on January 8, 2018)

<i>Organization</i>	<i>Project Title/Brief Description</i>	<i>Est. Project Cost</i>	<i>Board Priority</i>
Wakulla County Board of County Commissioners	First Responder Communication System: Replace existing aging and unrepairable first responder communication system with one that can communicate with all federal, state and local first responder agencies as well as extending the range of communication within the County, i.e., national/state forest, metal building, etc. Our County is working with other 7-counties for potential regional project – with each County submitting their own application. (Updated to Priority #1 12-3-2018)	\$2 M	#1
	<b>New Library:</b> Construct a new, larger more centrally located library at the community center to meet the growing demands for new programs and provide space for participation at current and new events. The existing library will be repurposed and used for a much-needed Fire/EMS station in the Medart area, south of Crawfordville. A new library also has the potential to provide virtual classes not provided elsewhere in the County and could target underprivileged populations needing workforce skills. The County owns the property. Funds are needed for design, permitting, construction and furnishings. The Library will be designed and constructed to serve as a category 4 Risk Shelter (Pre-Disaster). <b>(Revised and updated to Priority #2 12-3-2018)</b>	\$3.5 M	#2
	<b>Medart Rec Park Improvements:</b> Improve the parking lot, restroom and concession facilities, and sports fields of Wakulla County's only recreation park for organized outdoor youth and adult sports. The County owns the Park. Funds are needed for any design, permitting and construction.	\$2.0 M	
	<b>Realignment of County Road 61/Shell Point:</b> The County has only two north-south bound highways from Capital Circle (Leon County) to US 98 (Wakulla County): US 319 is on the eastern side of the County and US 27 is on the western side. High traffic on both of these highways is attributed mainly to travelers working in Tallahassee and living in Wakulla. Internal arterial roads off of these highways leading to residential areas become clogged at peak times creating extremely hazardous conditions. Additionally, these highways provide the only access to Wakulla's coast, rivers, forest, etc. creating heavy traffic conditions on weekends and holidays. This proposed realignment would provide a north-south bound County Road centrally located in Wakulla County and would ease congestion and increase safety conditions. Funds are needed for design, permitting and construction.	\$2.5 M	
	<b>Camp Indian Springs Campground Partnership:</b> This project proposes a partnership with Department of Environment Protection (DEP), in the event they purchase the Camp Indian Springs Property. The County proposes seeking funds for the improvement of existing buildings on the Camp Indian Springs Campground property and the design, permitting and construction of a RV/Tent camp ground.	TBD	
	<b>New Rec Park – US 319:</b> The County is in need of land to design, permit and construct a larger outdoor multi-use recreational Park on the north side of the County. This park has the potential to serve the region for youth and adult outdoor sports, i.e., softball tournaments, soccer tournaments, etc. Funds are needed for land acquisition, planning, design, construction and furnishings.	\$20 M	

WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3, 2018, (Original Submitted on November 6, 2017, Updated on January 8, 2018)

Wakulla County School Board	<p><del>Wakulla Career and Technical Education Center: This project would provide training and job skills for the non-degree seeking student for emerging or high-demand jobs. WCSB owns the property and will staff the center once constructed. Funds are requested for design, permitting, construction and furnishings. (Removed from List 12-3-2018)</del></p> <p><b>Wakulla County Learning Center:</b> This project proposes a partnership with TCC for a campus in Wakulla County where students and adults may pursue an AA degree. WCSB owns the property and will staff the center once constructed in partnership with TCC. Funds are requested for design, permitting, construction and furnishings. <b>(Updated 12-3-2018, changed from Priority #2 to Priority #3)</b></p>	\$5.7 M	FUNDED
			<b>#3</b>
City of St. Marks,	<p><del>ADA Compliant Kayak/Canoe Launch: To provide kayak/canoe access to the Wakulla River via the City Park. Increase recreational opportunities and enhanced visitor experience. Will also relieve kayak/canoe launching at the St. Marks Boat Ramp. The City of St. Marks owns the property. Funds are requested for design, permitting and construction. (Removed from List 12-3-2018)</del></p> <p><b>St. Marks WWTP</b> – Conversion of Grinders to Gravity Sewer: First a feasibility study (i.e., preliminary engineer report) will need to be conducted to determine if conversion is feasible and probable cost. Funds are needed for feasibility study/preliminary engineering report.</p> <p><del><b>St. Marks Board Walk:</b> Construct a boardwalk that will connect to the terminus of the St. Marks Bike Trail and provide an off-road multi-use pedestrian to the Fort, St. Marks Board Ramp, and back to the St. Marks Bike Trail terminus. The City of St. Marks own the property and the project is designed and permitted. Funds are requested for construction. (Removed from List 12-3-2018)</del></p>	\$65 K	Denied
	<b>St. Marks WWTP</b> – Conversion of Grinders to Gravity Sewer: First a feasibility study (i.e., preliminary engineer report) will need to be conducted to determine if conversion is feasible and probable cost. Funds are needed for feasibility study/preliminary engineering report.	\$350 K	
	<del><b>St. Marks Board Walk:</b> Construct a boardwalk that will connect to the terminus of the St. Marks Bike Trail and provide an off-road multi-use pedestrian to the Fort, St. Marks Board Ramp, and back to the St. Marks Bike Trail terminus. The City of St. Marks own the property and the project is designed and permitted. Funds are requested for construction. (Removed from List 12-3-2018)</del>	\$900 K	Denied
Wakulla Commercial Fishermen's Assoc, Inc.	<b>A Partnership Reviving Apalachee Bay Oyster Reefs:</b> Shoreline restoration on oyster reefs to enhance commercial and recreational fishing; provide tidal, storm surge and coastal erosion protection, improve water quality; strengthen economy, social and environmental capital. Funds are requested for all stages of the project.	\$2.6 M	
Wakulla Environmental Institute	<p><del><b>Marine Manufacturing Training Center:</b> A state-of-the-art multi-purpose facility that will function as an auditorium, conference center, manufacturing center, oyster seed hatchery and commercial kitchen for processing local Gulf Coast seafood products. WEI owns the property. Funds are needed for design, permitting, construction and furnishings. Total estimated project cost is \$22.7 M, seeking \$15M Triumph funds. (Removed from List 12-3-2018)</del></p> <p><b>WEI Ocean Shellfish Nursery / Hatchery and Processing Facility</b> that would provide the seed and education to entrepreneurs on how to grow shell fish crops, and provide the basis for safe, fresh shellfish processing to ensure the best product in available to customers worldwide. According to the WEI project summary there is no other facility of this kind available in Florida at an educational institution. Through planned partnerships, this program would offer an unparalleled ability to seed hundreds of entrepreneurs' operations and process them using revolutionary pasteurization technology. Funds would</p>	\$15 M	WITHDRAWN
		\$13.5 M	



WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3, 2018, (Original Submitted on November 6, 2017, Updated on January 8, 2018)

	be used for professional engineering and architectural services, construction and furnishings. <b>(Added to List 12-3-2018)</b>		
	<b>WEI Environmental and Technical Training Center</b> that would provide three distinct and separate training programs with the goal of creating small businesses and preparing talent for in-demand occupations that pay higher than state average wages. The programs would revolve around the three equal spokes of education (job training), conservation and recreation. The three separate programs are as follows and a separate Triumph application will be required for each:  <ol style="list-style-type: none"> <li>1. Electric and Communication Utilities Training</li> <li>2. Oyster Boat, Composite, and Mechanics Training</li> <li>3. Unmanned Vehicle Systems (aka Drones) Training</li> </ol> Funds would be used professional engineering and architectural services, construction and furnishings of the classrooms. Each training is estimated to cost \$1.5 million. <b>(added to List 12-3-2018)</b>	\$4.5 M	
Gulf Specimen Marine Laboratories, Inc. (GSML)	<b>GSML expansion of infrastructure and operations</b> for adding courses that will lead to technical certificates in an array of marine subjects as well as marking new local marine products. Funds will be used to upgrade/expand the existing facilities, purchase of two vessels, and salaries and benefits for 11 planned new positions. It is anticipated that after three-years the course will be self-sustaining <b>(Added to List 1-8-2018)</b>	\$3.9 M	
Panacea Oyster Co-Op Corporation (Co-op)	<b>Dedicated Program to Expand Oyster Ranching in Wakulla County and Resurrect Aquaculture in Apalachee Bay.</b> This project proposes the utilize property currently owned by the Co-op located in Panacea to develop a dedicated nursery, hatchery, algae farm and expand the Co-ops current post-harvesting operations through the use of innovative live pasteurization and flash freeze technologies. It is anticipated that this expansion could include training, education and support for more than 100 ranchers involving more than 150 acres of state water leases producing more than 190 million oysters per year within 7 years. This project proposes to provide transferable, sustainable workforce skills to participants, with a positive and profound impact especially among minority and disconnected communities with the County. FAMU has committed to helping the Co-op meet its K-20 education needs by providing a cadre of support, including contractual support and financial control. Funds would be used for professional engineering and architectural services, construction, furnishings and classroom instruction. <b>(Added to List 12-3-2018)</b>	\$19 M	



# Board of County Commissioners

## Agenda Item

Date of Meeting: December 3, 2018

Date Submitted: November 27, 2018

To: Honorable Chairman and Members of the Board

From: J. David Edwards, County Administrator  
Sheree T. Keeler, Intergovernmental Affairs & RESTORE Act Director

Subject: Request Board Approval of County Disaster Preparedness Project Priorities  
Submitted to Triumph Gulf Coast, Inc. for Funding

---

**Statement of Issue:**

This agenda item requests Board approval of County Disaster Preparedness project priorities submitted to Triumph Gulf Coast, Inc. for funding.

**Background:**

On November 6, 2017, the Board approved recommending the following five priority projects to Triumph for funding. The Board also supported several other projects for Triumph funding as shown in Attachment 1.

Project Title	Applicant	Status
#1 Wakulla Career and Technical Education Center	Wakulla County School Board	Triumph Board approved funding agreement executed, and project is underway.
#2 Wakulla County Learning Center	Wakulla County School Board	The application was submitted, and discussions are ongoing between WCSB and Triumph staff regarding application revisions.
#3 First Responder Communication System	Wakulla County	Pre-application was approved, and staff are developing final application.
#4 New County Library	Wakulla County	Pre-application was approved, and staff are developing final application.
#5 ADA Compliant Kayak/Canoe Launch St. Marks City Park	City of St. Marks	Pre-application was not approved.

In response to the devastating effects of Hurricane Michael, the Triumph Board sent a letter to the County (Attachment #2) in support of our recovery efforts and offering assistance. Triumph staff followed up by phone with staff at Bay, Gulf, Franklin and Wakulla Counties to discuss post disaster as well as future pre-disaster needs. Triumph asked if financial assistance with bridge loans or ad valorem tax rate reduction assistance was needed. Each county was also asked to re-evaluate current Triumph priority projects or determine the need for additional disaster related projects eligible for Triumph funding. County staff advised Triumph there was not a need for bridge loans or ad valorem tax rate reductions at this time.

County staff re-evaluated the five Board priority projects and sent a letter to Ms. Susan Skelton, Triumph Executive Director on November 27, 2018 (Attachment #3) advising that staff would seek Board approval on December 3, 2018, to modify the priorities established in November 2017. The letter further advised that based on the status of project 1 and 2 and essential County needs due to post-disaster recovery efforts that the First Responder Communication System be made priority number **1** and, the New County Library as the second priority with an expanded scope and associated cost to design and construct a new library facility to serve as a Category 4 pre-disaster risk shelter.

In summary, the revised priority projects will be ranked as follows:

<b>Project Title</b>	<b>Applicant</b>	<b>Status</b>
<b>#1</b> First Responder Communication System	Wakulla County	Pre-application was approved, and staff are developing final application.
<b>#2</b> New County Library	Wakulla County	Pre-application was approved, and staff are developing final application.
<b>#3</b> Wakulla County Learning Center	Wakulla County School Board	The application was submitted, and discussions are ongoing between WCSB and Triumph staff regarding application revisions.

### **Analysis**

Staff are seeking Board approval of County Disaster Preparedness funding priorities submitted to Triumph.

It should also be noted that staff will be bringing back an agenda item at a future meeting to request approval to schedule a Workshop in February 2019 to discuss updating the list of supported projects with revised and/or new project.

### **Budgetary Impact:**

None.

### **Options:**

1. Approve the County Disaster Preparedness Project Priorities Submitted to Triumph Gulf Coast, Inc. for Funding.
2. Do not approve the County Disaster Preparedness Project Priorities Submitted to Triumph Gulf Coast, Inc. for Funding.
3. Board direction.

### **Recommendation:**

Option #1

**Attachment(s):**

1. Board supported Triumph Projects
2. October 25, 2018 Letter from Triumph
3. November 27, 2018 Letter sent to Triumph

WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3, 2018, (Original Submitted on November 6, 2017, Updated on January 8, 2018)

Organization	Project Title/Brief Description	Est. Project Cost	Board Priority
Wakulla County Board of County Commissioners	First Responder Communication System: Replace existing aging and unrepairable first responder communication system with one that can communicate with all federal, state and local first responder agencies as well as extending the range of communication within the County, i.e., national/state forest, metal building, etc. Our County is working with other 7-counties for potential regional project – with each County submitting their own application. (Updated to Priority #112-3-2018)	\$2 M	#1
	New Library: Construct a new, larger more centrally located library at the community center to meet the growing demands for new programs and provide space for participation at current and new events. The existing library will be repurposed and used for a much-needed Fire/EMS station in the Medart area, south of Crawfordville. A new library also has the potential to provide virtual classes not provided elsewhere in the County and could target underprivileged populations needing workforce skills. The County owns the property. Funds are needed for design, permitting, construction and furnishings. The Library will be designed and constructed to serve as a category 4 Risk Shelter (Pre-Disaster). (Revised and updated to Priority #212-3-2018)	\$3.5 M	#2
	Medart Rec Park Improvements: Improve the parking lot, restroom and concession facilities, and sports fields of Wakulla County's only recreation park for organized outdoor youth and adult sports. The County owns the Park. Funds are needed for any design, permitting and construction.	\$2.0 M	
	Realignment of County Road 61/Shell Point: The County has only two north-south bound highways from Capital Circle (Leon County) to US 98 (Wakulla County): US 319 is on the eastern side of the County and US 27 is on the western side. High traffic on both of these highways is attributed mainly to travelers working in Tallahassee and living in Wakulla. Internal arterial roads off of these highways leading to residential areas become clogged at peak times creating extremely hazardous conditions. Additionally, these highways provide the only access to Wakulla's coast, rivers, forest, etc. creating heavy traffic conditions on weekends and holidays. This proposed realignment would provide a north-south bound County Road centrally located in Wakulla County and would ease congestion and increase safety conditions. Funds are needed for design, permitting and construction.	\$2.5 M	
	Camp Indian Springs Campground Partnership: This project proposes a partnership with Department of Environment Protection (DEP), in the event they purchase the Camp Indian Springs Property. The County proposes seeking funds for the improvement of existing buildings on the Camp Indian Springs Campground property and the design, permitting and construction of a RV/Tent campground.	TBD	
	New Rec Park- US 319: The County is in need of land to design, permit and construct a larger outdoor multi-use recreational Park on the north side of the County. This park has the potential to serve the region for youth and adult outdoor sports, i.e., softball tournaments, soccer tournaments, etc. Funds are	\$20 M	

needed for land acquisition, planning, design, construction and furnishings.

WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3, 2018, (Original Submitted on November 6, 2017, Updated on January 8, 2018)

Wakulla County School Board	<p>tt«akwlla Career anlit Te&amp;hRisaii!EitwsatieR Center: Tl:lis prejeet we :. IEI13FBViEie traiRiRgaREIjee siEillsfer tl:le l</p> <p>ReAElegree seekiAg st1:1EieRtfer eFAergiAg er l=ligl:l EleFAaAEI jees. WCS8ewAs the preperty aAEI will staff</p> <p>tl=le eeAter eRee EBRStrl:leteEI. Fl:IREIS are reEjl:lesteEI fer ElesigR,perFAittiRg,EBRStrl:leteR aREIfl:lrRiSRiRgS.</p> <p>(Removed from List 12-3-2018)</p>	\$ .7 M	FUNDED
	<p>Wakulla County Learning Center: This project proposes a partnership with TCC for a campus in Wakulla County where students and adults may pursue an AA degree. WCSB owns the property and will staff the center once constructed in partnership with TCC. Funds are requested for design, permitting, construction and furnishings. (Updated 12-3-2018, changed from Priority #2 to Priority #3)</p>	\$3.4 M	#3
City of St. Marks,	<p>OA CefRpliaRt Kattak/Canee bawRshz Te previae kayak/eaRee aeeess te tl:le \Afak :. lla River via tl=le City ParIE. IRerease reereatieRal eppert : Rities aREI eRI=laReeEI •:isiter eMperieRee. Will also relieve kayak/eaRee lacJReRiRg at tl=le St. Marks Beat RaFap. Tl:le City ef St. Marks B'NRS tl=le preperty. Fl:IRels are reEjl:lesteEI fer</p> <p>ElesigR,perFAittiRg aREI eeRstrl:leteR. (Removed from List 12-3-2018)</p>		Denied
	<p>St. Marks WWTP – Conversion of Grinders to Gravity Sewer: First a feasibility study (i.e., preliminary engineer report) will need to be conducted to determine if conversion is feasibly and probable cost. Funds are needed for feasibility study/preliminary engineering report.</p>	\$350 K	
	<p>St. Marks Bearlit 'Nalk: GeRstrl:lete e earEiwalk ilat will, BRReet te tl=le terFAIRl:IS ef tl=le St. MariES Bike Trail aAEI pretJiEie aR a# reael FAI:lti 1:1se peEiestriaA te tl:le Fert, St. Marks Bearel RaFap, aAel eaeiE te tl=le St.</p> <p>Marks Bike Trail termiRl:IS. Tl=le City ef St. Marks ewR tl=le preperty aRel tl=le prejeet is elesigReEI aREI J:lerFAitteEI. Fl:IRels are re : l:lesteel fer eeRstrl:leteR. (Removed from List 12-3-2018)</p>	900 K	Denied
Wakulla Commercial	<p>A Partnership Reviving Apalachee Bay Oyster Reefs: Shoreline restoration on oyster reefs to enhance</p>	\$2.6 M	
Fishermen's Assoc, Inc.	<p>commercial and recreational fishing; provide tidal, storm surge and coastal erosion protection, improve water quality; strengthen economy, social and environmental capital. Funds are requested for all stages of the project.</p>		
Wakulla Environmental Institute	<p>MariRe MaRwfactwriRg TraiRiRg CeAter; A state ef tl:le art m1:1lti p :o rpese faeility tl:lat will f :o RetieR as aR</p> <p>a :. etiteri :o FA, eeRfereRee eeRter, FAaR :o faet :. riRg eeRter, eyster seeEI l=latel=lery aREI eeFAFAeerial kitel=leR fer preeessiRg leaal (; : lF Ceast seafeeEI preet :. ets. WEI ewRs tl=le preperty. F :o Rets are ReeEieEI fer ElesigR, perFAittiRg, eeRstn:leteR aREI fl:lrRisliRgs. Tetel estiFAateEI prejeet east is \$22.7 M, seekiRg \$1\$M Tril:IFAp=l</p> <p>(Removed from List 12-3-2018)</p> <p>WEI Ocean Shellfish Nursery / Hatchery and Processing Facility that would provide the seed and</p>	\$1S-M	WITHDRAWN
	<p>education to entrepreneurs on how to grow shell fish crops, and provide the basis for safe, fresh shellfish</p>	\$13.5 M	

processing to ensure the best product in available to customers worldwide. According to the WEI project summary there is no other facility of this kind available in Florida at an educational institution. Through

planned partnerships, this program would offer an unparalleled ability to seed hundreds of entrepreneurs' operations and process them using revolutionary pasteurization technology. Funds would

WAKULLA COUNTY LIST OF SUPPORTED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on December 3,2018,(Original Submitted on November 6,2017, Updated on January 8, 2018)

	be used for professional engineering and architectural services, construction and furnishings. (Added to list 12-3-2018)		
	<p><i>WEI Environmental and Technical Training Center</i> that would provide three distinct and separate training programs with the goal of creating small businesses and preparing talent for in-demand occupations that pay higher than state average wages. The programs would revolve around the three equal spokes of education (job training), conservation and recreation. The three separate programs are as follows and a separate Triumph application will be required for each:</p> <ol style="list-style-type: none"> <li>1. Electric and Communication Utilities Training</li> <li>2. Oyster Boat,Composite,and Mechanics Training</li> <li>3. Unmanned Vehicle Systems (aka Drones) Training</li> </ol> <p>Funds would be used professional engineering and architectural services, construction and furnishings of the classrooms. Each training is estimated to cost \$1.5 million. (added to List 12-3-2018)</p>	\$4.5 M	
Gulf Specimen Marine Laboratories,Inc. (GSML)	GSML expansion of infrastructure and operations for adding courses that will lead to technical certificates in an array of marine subjects as well as marketing new local marine products. Funds will be used to upgrade/expand the existing facilities, purchase of two vessels, and salaries and benefits for 1 planned new positions. It is anticipated that after three-years the course will be self-sustaining (Added to List 1-8-2018)	\$3.9 M	
Panacea Oyster Co-Op Corporation (Co-op)	<i>Dedicated Program to Expand Oyster Ranching in Wakulla County and Resurrect Aquaculture in Apalachee Bay.</i> This project proposes the utilize property currently owned by the Co-op located in Panacea to develop a dedicated nursery, hatchery, algae farm and expand the Co-ops current post-harvesting operations through the use of innovative live pasteurization and flash freeze technologies. It is anticipated that this expansion could include training, education and support for more than 100 ranchers involving more than 150 acres of state water leases producing more than 190 million oysters per year within 7 years. This project proposes to provide transferable, sustainable workforce skills to participants, with a positive and profound impact especially among minority and disconnected communities with the County. FAMU has committed to helping the Co-op meet its K-20 education needs by providing a cadre of support, including contractual support and financial control. Funds would be used for professional engineering and architectural services, construction, furnishings and classroom instruction. (Added to List 12-3-2018)	\$19M	



WAKULLA COUNTY LIST OF RECOMMENDED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING

Revised on January 8, 2018, (Original Submitted on November 6, 2017)

Organization	Project Title/Brief Description	Est Project Cost	Board Priority
Wakulla County Board of County Commissioners	First Responder Communication System: Replace existing aging and unrepairable first responder communication system with one that can communicate with all federal, state and local first responder agencies as well as extending the range of communication within the County, i.e., national/state forest, metal building, etc. Our County is working with other 7-counties for potential regional project -with each County submitting their own application.	\$2M	#3
	New Library: Construct a new, larger more centrally located library at the community center to meet the growing demands for new programs and provide space for participation at current and new events. The existing library will be repurposed and used for a much-needed Fire/EMS station in the Medart area, south of Crawfordville. A new library also has the potential to provide virtual classes not provided elsewhere in the	\$3.5 M	#4
	County and could target underprivileged populations needing workforce skills. The County owns the property. Funds are needed for design, permitting, construction and furnishings. Medart Rec Park Improvements: Improve the parking lot, restroom and concession facilities, and sports fields of Wakulla County's only recreation park for organized outdoor youth and adult sports. The County owns the Park. Funds are needed for any design, permitting and construction.	\$2.0 M	
	Realignment of County Road 61/Shell Point: The County has only two north-south bound highways from Capital Circle (Leon County) to US 98 (Wakulla County): US 319 is on the eastern side of the County and US 27 is on the western side. High traffic on both of these highways is attributed mainly to travelers working in Tallahassee and living in Wakulla. Internal arterial roads off of these highways leading to residential areas become clogged at peak times creating extremely hazardous conditions. Additionally, these highways provide the only access to Wakulla's coast, rivers, forest, etc. creating heavy traffic conditions on weekends and holidays. This proposed realignment would provide a north-south bound County Road centrally located in Wakulla County and would ease congestion and increase safety conditions. Funds are needed for design, permitting and construction.	\$2.5 M	
	Camp Indian Springs Campground Partnership: This project proposes a partnership with Department of Environment Protection (DEP), in the event they purchase the Camp Indian Springs Property. The County proposes seeking funds for the improvement of existing buildings on the Camp Indian Springs Campground property and the design, permitting and construction of a RV/Tent camp ground.	TBD	
	New Rec Park – US 319: The County is in need of land to design, permit and construct a larger outdoor multi-use recreational Park on the north side of the County. This park has the potential to serve the region for youth and adult outdoor sports, i.e., softball tournaments, soccer tournaments, etc. Funds are needed for land acquisition, planning, design, construction and furnishings.	\$20 M	

WAKULLA COUNTY LIST OF RECOMMENDED PROJECTS FOR TRIUMPH GULF COAST, INC. FUNDING  
Revised on January 8, 2018, (Original Submitted on November 6, 2017)

Wakulla County School Board	<b>Wakulla Career and Technical Education Center:</b> This project would provide training and job skills for the non-degree seeking student for emerging or high-demand jobs. WCSB owns the property and will staff the center once constructed. Funds are requested for design, permitting, construction and furnishings.	\$5.7M	#1
	<b>Wakulla County Learning Center:</b> This project proposes a partnership with TCC for a campus in Wakulla County where students and adults may pursue an AA degree. WCSB owns the property and will staff the center once constructed in partnership with TCC. Funds are requested for design, permitting, construction and furnishings.	\$3.4 M	#2
City of St. Marks,	<b>ADA Compliant Kayak/Canoe Launch:</b> To provide kayak/canoe access to the Wakulla River via the City Park. Increase recreational opportunities and enhanced visitor experience. Will also relieve kayak/canoe launching at the St. Marks Boat Ramp. The City of St. Marks owns the property. Funds are requested for design, permitting and construction.	\$65 K	#5
	<b>St. Marks WWTP-</b> Conversion of Grinders to Gravity Sewer: First a feasibility study (i.e., preliminary engineer report) will need to be conducted to determine if conversion is feasible and probable cost. Funds are needed for feasibility study/preliminary engineering report.	\$350 K	
	<b>St. Marks Board Walk:</b> Construct a boardwalk that will connect to the terminus of the St. Marks Bike Trail and provide an off-road multi-use pedestrian to the Fort, St. Marks Board Ramp, and back to the St. Marks Bike Trail terminus. The City of St. Marks own the property and the project is designed and permitted. Funds are requested for construction.	\$900K	
Wakulla Commercial Fishermen's Assoc, Inc.	<b>A Partnership Reviving Apalachee Bay Oyster Reefs:</b> Shoreline restoration on oyster reefs to enhance commercial and recreational fishing; provide tidal, storm surge and coastal erosion protection, improve water quality; strengthen economy, social and environmental capital. Funds are requested for all stages of the project.	\$2.6M	
Wakulla Environmental Institute	<b>Marine Manufacturing Training Center:</b> A state of the art multi-purpose facility that will function as an auditorium, conference center, manufacturing center, oyster seed hatchery and commercial kitchen for processing local Gulf Coast seafood products. WEI owns the property. Funds are needed for design, permitting, construction and furnishings. Total estimated project cost is \$22.7 M, seeking \$15M Triumph funds.	\$15M	
Gulf Specimen Marine Laboratories, Inc. (GSML) (added to list 1/8/2018}	<b>GSML expansion of infrastructure and operations</b> for adding courses that will lead to technical certificates in an array of marine subjects as well as marketing new local marine products. Funds will be used to upgrade/expand the existing facilities, purchase of two vessels, and salaries and benefits for 11 planned new positions. It is anticipated that after three-years the course will be self-sustaining	\$3.9M	

---

Board of County Commissioners  
Regular Public Meeting Monday,  
December 3, 2018

The Board of County Commissioners in and for Wakulla County, Florida met for a Regular Public Meeting on Monday, December 3, 2018 at 5:00p.m. with Chairman Chuck Hess presiding. Present were Commissioners Ralph Thomas, Randy Merritt, Mike Stewart (absent), and Quincee Messersmith. Also present were County Administrator David Edwards, County Attorney Heather Encinosa and Deputy Clerk Kelly Sessor.

The Invocation and Pledge of Allegiance were provided by Commissioner Thomas.

*APPROVAL OF AGENDA*

(CD5:01) County Administrator Edwards moved Item #14 from Consent Agenda to General Business.

(CD5:02) Commissioner Merritt moved to approve the agenda as amended; second by Commissioner Thomas and the motion passed unanimously, 4/0.

*CITIZENS TO BE HEARD*

(CD5:02) Bill Anderson: Paving concerns on Highway 98 and Surf Road

*AWARDS AND PRESENTATIONS*

*None*

*CONSENT AGENDA*

(CD5:03) Commissioner Merritt moved to approve the consent agenda as amended; second by Commissioner Thomas and the motion passed unanimously, 4/0.

1. Approval of Minutes from the November 19,2018 Regular Board Meeting  
Approve – Minutes from the November 19, 2018 Regular Board Meeting

2. Approval of Minutes from the November 20,2018 Commissioner Swearing-In Ceremony  
Approve- Minutes from the November 20,2018 Commissioner Swearing-In Ceremony

3. Approval of Bills and Vouchers Submitted for November 14,2018 through November 27, 2018  
Approve – Payment of Bills and Vouchers Submitted for November 14, 2018 through November 27, 2018

4. Request Board Approval of Change Order No.3 with Advon Corporation for Construction of the Wakulla County Fire and EMS Facility in the Amount of \$43,156.77

---

---

Approve-Change Order No.3 with Advon Corporation for Construction of the Wakulla County Fire and EMS Facility in the Amount of \$43,156.77

5. Request Board Approval of a SHIP Project Change Order for a New Septic Tank and Drainfield for Ida Harrell in the Amount of \$5,950

Approve- SHIP Project Change Order for a New Septic Tank and Drainfield for Ida Harrell in the Amount of \$5,950

6. Request Board Approval of an Interlocal Agreement Between Wakulla County and the Wakulla County School Board Concerning Reimbursement of Certain Costs Related to Emergency Management

Approve – Interlocal Agreement Between Wakulla County and the Wakulla County School Board Concerning Reimbursement of Certain Costs Related to Emergency Management

7. Request Board Approval to Adopt a Resolution Reappointing One Member and One Alternate Member to the Code Enforcement Board

Approve – Adopt a Resolution Reappointing One Member and One Alternate Member to the Code Enforcement Board

8. Request Board Approval to Adopt a Resolution Appointing Members to the Planning Commission and Appointing a Planning Commission Chairman

Approve – Adopt a Resolution Appointing Members to the Planning Commission and Appointing a Planning Commission Chairman

9. Request Board Approval of a Letter of Support to the Sustainability Institute of Florida A&M University Applying for a Thriving Communities Grant From the National Academies of Science Engineering and Medicine: Gulf Research Program

Approve – Letter of Support to the Sustainability Institute of Florida A&M University Applying for a Thriving Communities Grant From the National Academies of Science Engineering and Medicine: Gulf Research Program

11. Request Board Approval of Amendment No. 1 to the Pigott Asphalt and Sitework, LLC Construction Agreement for the Trice Lane Turn Lane in the Amount of \$219,120.00

Approve – Amendment No. 1 to the Pigott Asphalt and Sitework, LLC Construction Agreement for the Trice Lane Turn Lane in the Amount of \$219,120.00

12. Request Board Approval to Accept and Award ITB No. 2018-26 Otter Creek Rise Bridge 594049 Repair to North Florida Asphalt, Inc. and Approval of the Construction Agreement

Approve- Accept and Award ITB No. 2018-26 Otter Creek Rise Bridge 594049 Repair to North Florida Asphalt, Inc. and Approval of the Construction Agreement

---

13. Request Board Approval to Accept and Award ITB No. 2018-27 Surf Road Emergency Repairs to North Florida Asphalt, Inc. and Approval of the Construction Agreement  
Approve- Accept and Award ITB No. 2018-27 Surf Road Emergency Repairs to North Florida Asphalt, Inc. and Approval of the Construction Agreement

15. Request Board Approval of County Disaster Preparedness Project Priorities Submitted to Triumph Gulf Coast, Inc. for Funding  
Approve – County Disaster Preparedness Project Priorities Submitted to Triumph Gulf Coast, Inc. for Funding

*CONSENT ITEMS PULLED FOR DISCUSSION*

*None*

*GENERAL BUSINESS*

(CD5:03) 14. Request Board Approval of an Updated List of Supported Triumph Gulf Coast, Inc. Projects

Commissioner Merritt moved to Approve the Updated List of Supported Triumph Gulf Coast, Inc. Projects; second by Commissioner Thomas and the motion passed unanimously, 4/0.

*PUBLIC HEARING*

*None*

*PLANNING AND ZONING*

(CD5:44) 16. Request Board Approval of a Resolution to Close/Abandon a Portion of St. Ansbury Street and a Portion of an Unnamed Platted Driveway in Surf Subdivision (Paul Parker, Agent/ Howard Kessler and Ann Van Meter, Owners)

Commissioner Merritt moved to Approve the Closing/Abandonment of a portion of St. Ansbury Street and a portion of an unnamed platted driveway in Surf Subdivision; second by Commissioner Thomas and the motion passed unanimously, 4/0.

(CD5:44) 17. Request Board Approval to File an Application to Close/Abandon a Portion of Pine Street in Surf Subdivision (Preston Cowie, Owner)

Commissioner Merritt moved to Approve the filing of an Application to Close/abandon a portion of Pine Street in Surf Subdivision; second by Commissioner Thomas and the motion passed unanimously, 4/0.

*COMMISSIONER AGENDA ITEMS*

(CD5:45) 10. Commissioner Hess

a. Request Board Approval of Commissioner Appointments on Various Committees, Councils, and Boards for 2019

---

Commissioner Merritt moved to Approve the Commissioner Appointments on Various Committees, Councils, and Boards for 2019 as revised; second by Commissioner Thomas and the motion passed unanimously, 4/0.

*COUNTY ATTORNEY*

(CD5:47) Update on Mr. Fults Lake Ellen Drive Application with DEP

*COUNTY ADMINISTRATOR*

(CD5:48) Last meeting of the calendar year; Next meeting on January 7, 2019

(CD5:48) Debris Pick-up update

*CITIZENS TO BE HEARD*

(CDS:50) Onassis Tate: SBA Disaster Loan Programs for Hurricane Michael Damage available until December 10, 2018 at the Community Center

*DISCUSSION ISSUES BY COMMISSIONERS*

(CD5:54) COMMISSIONER THOMAS- Bridge Repair on Surf Road to be completed by Christmas

(CD5:55) There being no further business to come before the Board, Commissioner Merritt made a motion to adjourn; second by Commissioner Thomas and the motion passed unanimously, 4/0.

The meeting adjourned at 5:55p.m.

Commissioner Merritt moved to Approve the Commissioner Appointments on Various Committees, Councils, and Boards for 2019 as revised; second by Commissioner Thomas and the motion passed unanimously, 4/0.

*COUNTY ATTORNEY*

(CD5:47) Update on Mr. Fults Lake Ellen Drive Application with DEP

*COUNTY ADMINISTRATOR*

(CD5:48) Last meeting of the calendar year; Next meeting on January 7, 2019

(CD5:48) Debris Pick-up update

*CITIZENS TO BE HEARD*

(CDS:50) Onassis Tate: SBA Disaster Loan Programs for Hurricane Michael Damage available until December 10, 2018 at the Community Center

*DISCUSSION ISSUES BY COMMISSIONERS*

(CD5:54) COMMISSIONER THOMAS-Bridge Repair on Surf Road to be completed by Christmas

---

(CD5:55) There being no further business to come before the Board, Commissioner Merritt<sup>95</sup>

made a motion to adjourn; second by Commissioner Thomas and the motion passed unanimously, 4/0.

The meeting adjourned at 5:55p.m.