



**Florida Job Growth Grant Fund  
Public Infrastructure Grant Proposal**

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed by the governmental entity applying for the grant and signed by either the chief elected official, the administrator for the governmental entity or their designee. Please read the proposal carefully as some questions may require a separate narrative to be completed.

**Governmental Entity Information**

Name of Governmental Entity: Florida Atlantic Research and Development Authority

Government Federal Employer Identification Number: ██████████

Contact Information:

Primary Contact Name: Andrew Duffell

Title: President

Mailing Address: 3651 FAU Boulevard, Suite 400  
Boca Raton, FL 33431

Phone Number: (561) 416-6092 Ext. 1402

Email: aduffell@Research-Park.org

**Public Infrastructure Grant Eligibility**

Pursuant to section 288.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. Eligible governmental entities that wish to access this grant fund must submit public infrastructure proposals that:

- Promote economic recovery in specific regions of the state, economic diversification or economic enhancement in a targeted industry. (View Florida's [Targeted Industries here.](#))
- Are not for the exclusive benefit of any single company, corporation or business entity.
- Are for infrastructure that is owned by the public and is for public use or predominately benefits the public.



## 1. Program Requirements:

Each proposal must include the following information describing how the project satisfies eligibility requirements listed on page 1.

- A. Provide the title and a detailed description of the public infrastructure improvements.

2018 Research Park at FAU: Entrepreneurship and Business Incubation Integrated Services Infrastructure Project  
See Appendix.

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- B. Is this infrastructure owned by the public?

Yes       No

- C. Is this infrastructure for public use or does it predominately benefit the public?

Yes       No

- D. Will the public infrastructure improvements be for the exclusive benefit of any single company, corporation or business entity?

Yes       No

- E. Provide a detailed explanation of how the public infrastructure improvements will connect to a broader economic development vision for the community and benefit additional current or future businesses.
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F. Provide a detailed description of, and quantitative evidence demonstrating, how the proposed public infrastructure project will promote:

- Economic recovery in specific regions of the state;
- Economic diversification; or
- Economic enhancement of a Targeted Industry (View Florida's [Targeted Industries here.](#))
  - As part of this response, describe how the project will promote specific job growth. Include a description of the number of jobs that will be retained or created, the average wages of such jobs, and in which industry(ies) the jobs will be created using the North American Industry Classification System ([NAICS](#)) codes. Where applicable, you may list specific businesses that will retain or grow jobs or make capital investment.
  - Further, include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed project.

See Appendix.

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## 2. Additional Information:

A. Is this project an expansion of an existing infrastructure project?

Yes       No

B. Provide the proposed commencement date and number of days required to complete construction of the public infrastructure project.

See Appendix.

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C. What is the location of the public infrastructure? (Provide the road number, if applicable.)

NW 35th Street, Boca Raton.

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D. Who is responsible for maintenance and upkeep? (Indicate if more than one are applicable.)

Federal     State     County     City     Other FARDA

E. What permits are necessary for the public infrastructure project?

Permits will be required from the City of Boca Raton, Palm Beach County and FDOT.

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F. Detail whether required permits have been secured, and if not, detail the timeline for securing these permits. Additionally, if any required permits are local permits, will these permits be prioritized?

Permits have not been secured. It is estimated permits from FDOT would be secured within 12 months, and within 120 days from both the City of Boca Raton and Palm Beach County, on an expedited basis.

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G. What is the future land use and zoning designation on the proposed site of the infrastructure improvements, and will the improvements conform to those uses?

Future land use is PI - Institutional, and zoning designation is PL - Public Lands. The Research Park at FAU is governed by an inter local agreement between the Florida Atlantic Research and Development Authority (FARDA) and the City of Boca Raton. The proposed improvements conform to uses appropriate to the development of a research and development park as defined in 159.27 (2)(7), F.S.

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H. Will an amendment to the local comprehensive plan or a development order be required on the site of the proposed project or on adjacent property to accommodate the infrastructure and potential current or future job creation opportunities? If yes, please detail the timeline.

Yes       No

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I. Is the project ready to commence upon grant fund approval and contract execution? If no, please explain.

Yes       No

Subject to permit approvals.

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J. Does this project have a local match amount?

Yes       No

If yes, please describe the entity providing the match and the amount.

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K. Provide any additional information or attachments to be considered for this proposal.

See Appendix.

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**3. Program Budget**

**Estimated Costs and Sources of Funding:** Include all applicable public infrastructure costs and other funding sources available to support the proposal.

**A. Public Infrastructure Project Costs:**

Construction	\$ 1,641,476.98		
Reconstruction	\$ -		
Design & Engineering	\$ 344,710.17		
Land Acquisition	\$ -		
Land Improvement	\$ -		
Other	\$ 426,784.02	Please Specify:	<u>Cost escalation</u>
<b>Total Project Costs</b>	<b>\$ 2,412,971.17</b>		

**B. Other Public Infrastructure Project Funding Sources:**

City/County	\$		
Private Sources	\$		
Other (grants, etc.)	\$	Please Specify:	_____
<b>Total Other Funding</b>	<b>\$</b>		
<b>Total Amount Requested</b>	<b>\$</b>		

**Note:** The total amount requested must equal the difference between the public infrastructure project costs in 3.A. and the other public infrastructure 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.**

See Appendix.

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#### 4. Approvals and Authority

- A. If the governmental entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission or council)?

FARDA review and approval is required for all contracts.

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- B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the governmental entity and the Florida Department of Economic Opportunity:

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

See Appendix.

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

Yes, with 10 days' notice.

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- C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the governmental entity. 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.



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

Name of Governmental Entity: Florida Research and Development Authority

Name and Title of Authorized Representative: Andrew Duffell, President

Representative Signature: 

Signature Date: 08/27/2018



**Florida Atlantic Research and Development Authority  
Florida Job Growth Grant Fund  
Public Infrastructure Grant Proposal**

**APPENDIX**

1 A.

2018 Research Park at FAU: Entrepreneurship and Business Incubation Integrated Services Infrastructure Project

This project seeks to provide a safer, more accessible and integrated infrastructure in the Research Park at FAU by improving road and pedestrian access between the Research Park and FAU Tech Runway facilities. The goal is to provide integrated service delivery and technical support to emerging, innovative, research-oriented companies, including those interested in relocating close to Florida Atlantic University (FAU). Technical and resource support are provided to potential startups, business representatives from both early and second stage companies, researchers, alumni, and students to promote industry innovation and growth, thus creating sustainable jobs. Construction of a vehicular and pedestrian access road to and from FAU Tech Runway and the Research Park Incubator of approximately 0.25 miles is being proposed.

1 E.

Currently, access to FAU Tech Runway is in poor condition across an uneven, unmarked World War II-era concrete pad. Improving and construction of a roadway access to and from FAU Tech Runway will allow the Research Park at FAU to better facilitate the growth of companies incubated at FAU Tech Runway, making it easier and safer for FAU student interns to access the facility as well as for business mentors and investors to visit the fledgling companies.

Creating, incubating and growing sustainable technology companies is a key component of the economic development efforts of the Research Park at FAU and its principal partners: Florida Atlantic University, the City of Boca Raton and Palm Beach County. With the development and graduation of more companies from FAU Tech Runway, more long-term, high paying jobs are created, not only within the Research Park at FAU, but in the City of Boca Raton and Palm Beach County as well.

1 F.

The Research Park has increasingly been viewed as a promising destination for companies focused on innovation and research, as can be seen by the increase in FAU's new patent awards from 6 in 2016 to 16 in 2017. The consistent increase in U.S. patent production contributes significantly to the diversification of the economies of Broward and Palm Beach counties. To keep the trend growing, the Research Park must accommodate and attract more entrepreneurs,

companies, and university collaborators to the Park by providing safe, secure, pedestrian friendly, including convenient access to the university campus and public transportation.

Current companies based in the Research Park at FAU, all in targeted industries, report that they expect to hire 256 additional employees in 2018. By facilitating job growth at FAU Tech Runway, more companies will continue to graduate from the program and lease space throughout the greater Boca Raton area, expanding the tax base and increasing tax revenues.

2 B.

Project would commence approximately 6 months after notification of award to obtain the required permits and take 10-12 months to complete.

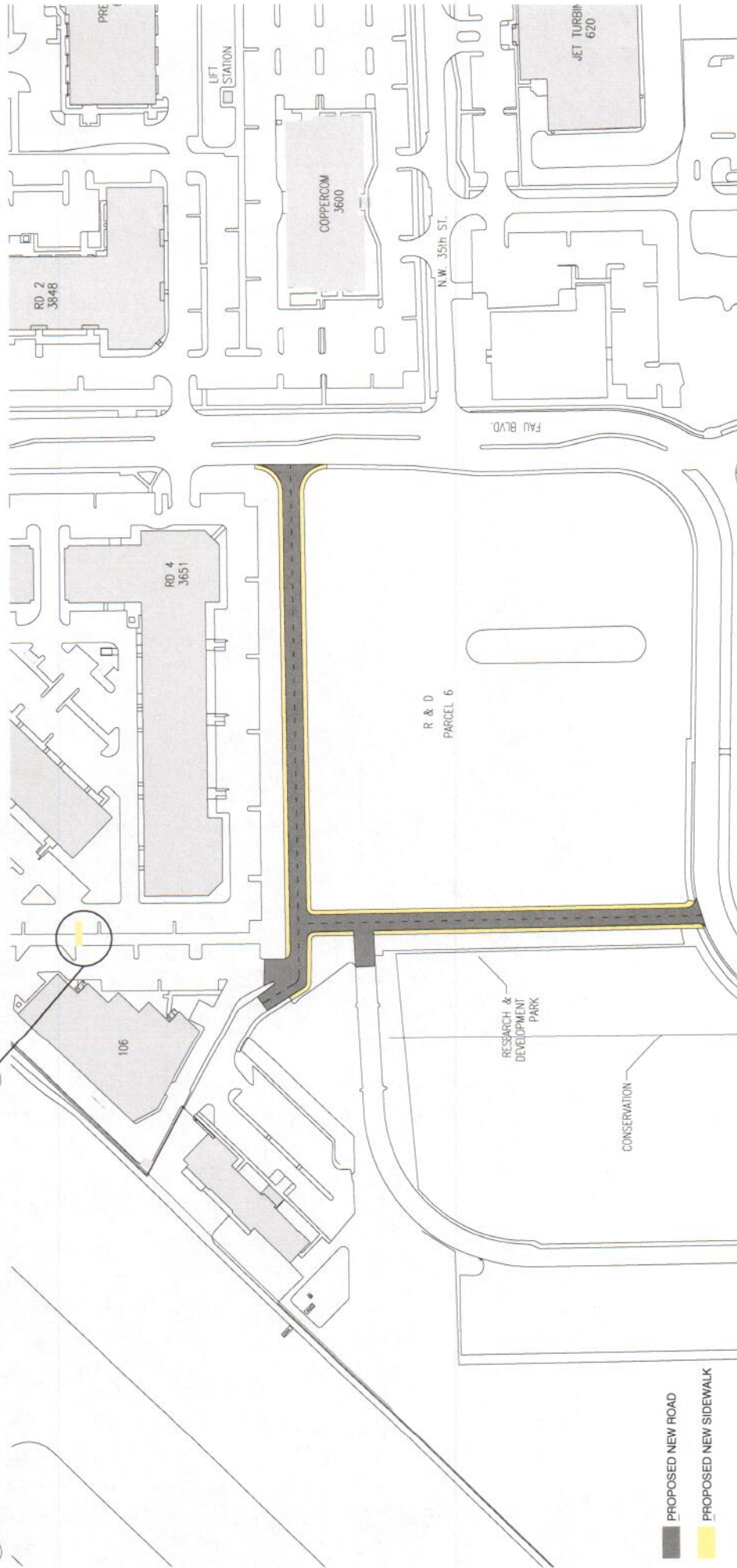


1 EXISTING CONDITION



2 PROPOSED PEDESTRIAN PATH

# 2 K.



PROPOSED NEW ROAD

PROPOSED NEW SIDEWALK

3 FAU TECH RUNWAY ACCESS ROAD  
1" = 20' - 0"

# 3 C.

## FAU Research and Development Park Roadway - Rough Order of Magnitude (ROM) Construction Cost



8/6/2018

ITEM OF WORK	QTY	UNIT	UNIT COST	SUB TOTAL
<b>Roadway Construction</b>				
Removal of Concrete Runway, Crushing for Reuse	2,889	SY	\$ 25.00	\$ 72,222.22
General Demolition of Existing, Clearing, Grubbing, etc.	1	LS	\$ 15,000.00	\$ 15,000.00
Erosion and Sedimentation Control Measures	1	LS	\$ 10,000.00	\$ 10,000.00
Type F Curb and Gutter (5% additional for radii and ends)	5,460	LF	\$ 21.00	\$ 114,660.00
FAU Standard Asphalt Pavement (2" asphalt, 8" limerock, 12" stab. Subg.)	4,044	SY	\$ 39.16	\$ 158,390.56
FAU Concrete Sidewalk 6" Thick with WWF (8' wide, both sides)	2,311	SY	\$ 67.20	\$ 155,306.67
Detectable Warning Surface (10 SF per ramp, assumed 10 ramps)	100	SF	\$ 27.00	\$ 2,700.00
Signage + Pavement Striping (thermoplastic, signs, etc.)	1	LS	\$ 25,000.00	\$ 25,000.00
Drainage (structures, pipes, 400' exfiltration trench)	1	LS	\$ 262,800.00	\$ 262,800.00
4" Reclaimed Water Main (connect to stub out north side of FAU Blvd)	1,700	LF	\$ 70.00	\$ 119,000.00
Lighting + Electrical (Budget Est. based on FAU Blvd, per Note 4)	1	LS	\$ 171,195.00	\$ 171,195.00
Landscaping (Budget Est. based on FAU Blvd, per Note 4)	1	LS	\$ 110,457.50	\$ 110,457.50
Irrigation (Budget Est. based on FAU Blvd, per Note 4)	1	LS	\$ 48,872.50	\$ 48,872.50
Relocate FPL and AT&T Facilities on west side of FAU Blvd (approx.)	1	LS	\$ 200,000.00	\$ 200,000.00
Mobilization (5%)	1	LS	\$ 73,280.22	\$ 73,280.22
Maintenance of Traffic (2%)	1	LS	\$ 29,312.09	\$ 29,312.09
Survey, Layout, As-Builts (5%)	1	LS	\$ 73,280.22	\$ 73,280.22
<b>SUBTOTAL Roadway Construction Costs</b>				<b>\$ 1,641,476.98</b>
Escalation (1 year at 5%)	1	LS	\$ 82,073.85	\$ 82,073.85
<b>SUBTOTAL with Escalation</b>				<b>\$ 1,723,550.83</b>
CM General Conditions, Fees, OH&P, Bond, Insurance (20%)	1	LS	\$ 344,710.17	\$ 344,710.17
Contingency (20%)	1	LS	\$ 344,710.17	\$ 344,710.17
<b>Grand Total with Escalation and Contingency</b>				<b>\$ 2,412,971</b>

**Notes:**

- The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.
- Based on our recent experience, construction pricing has been increasing at an unpredictable and unprecedented rate. While Kimley-Horn has made its best estimate based on data available to it, Contractor bids could come in higher than anticipated and appropriate contingencies should be taken by the Client if establishing construction budgets based on this opinion of probable construction costs.
- On site crushed concrete may be used for limerock base and/or stabilized subgrade.
- Any costs estimated from FAU Boulevard Northern 4 Lane project (bid June 2011) have been escalated at 13% to 2018 (per RS Means).
- Total construction costs have been escalated at 5% to 2019 (per recent data forecasts). This escalation percentage is estimated and may be different.
- Construction Manager (CM) costs have been estimated for general conditions, overhead and profit, bonds, insurance, and other CM fees at 20% of the total escalated cost. These CM costs may be higher or lower than the estimated costs in this ROM cost.
- Specialty pavers are not included in this ROM cost for sidewalks, crosswalks, intersections, or any other treatments.
- Specifically excludes any habitat rehabilitation, gopher tortoise impacts/relocation, or burrowing owl impacts/relocation.
- Costs are based on recent project costs, FDOT Historical Costs, and escalated project costs. Final construction costs will vary from those estimated above and may be higher or lower.
- FPL and AT&T relocation costs are purely an estimate for budgeting purposes. Actual costs should be discussed with FPL and AT&T, designs may need to be completed, and final costs determined based on the final layout and what relocations are actually required.

4 B. i.

Wednesday October 10<sup>th</sup>, 2018  
Wednesday December 19<sup>th</sup>, 2018  
Wednesday February 27<sup>th</sup>, 2019  
Wednesday April 24<sup>th</sup>, 2019  
Wednesday June 26<sup>th</sup>, 2019  
Wednesday August 28<sup>th</sup>, 2019

All meetings at 8 AM unless otherwise noted

4 C.

Resolution 18-3 attached.

RESOLUTION 18-3

**RESOLUTION OF THE FLORIDA ATLANTIC RESEARCH AND DEVELOPMENT AUTHORITY AUTHORIZING AND DIRECTING THE PRESIDENT & CEO TO PREPARE, SIGN AND SUBMIT AN APPLICATION FOR THE FLORIDA JOB GROWTH GRANT FUND; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE**

WHEREAS, the Florida Atlantic Research and Development Authority (the “**Authority**”) was created by the county commissions of Palm Beach and Broward counties pursuant to Chapter 159, Florida Statutes;

WHEREAS, the Authority was created specifically to promote and support research at Florida Atlantic University, to promote economic development and to diversify the economic base of Palm Beach and Broward counties in affiliation with Florida Atlantic University; and

WHEREAS, the Florida Job Growth Grant Fund has been created within the Department of Economic Opportunity to promote economic opportunity by improving public infrastructure and enhancing workforce training; and

WHEREAS, the Governor has been authorized to approve state or local infrastructure projects promote economic diversification, or economic enhancement in a targeted industry; and

WHEREAS, the Research Park at Florida Atlantic University (the “Research Park”) is home to twenty companies and organizations in targeted industries, with the capacity to add more job creating companies; and

WHEREAS, the Research Park is home to both the Technology Business Incubator® and Florida Atlantic University’s Tech Runway which both support early-stage entrepreneurs and job creation; and

WHEREAS, in 2017 the Research Park supported 1,489 direct jobs with average salaries of \$88,315, including 192 Florida Atlantic University alumni and student interns; and

WHEREAS, in 2017 the overall economic impact of the activities in the Research Park totaled \$535.6 million; and

WHEREAS, the companies in the Research Park expect to hire more than 250 new employees in 2018; and

WHEREAS, the Authority seeks to make the Research Park as attractive a place as possible to locate and grow innovative businesses;

NOW THEREFORE BE IT RESOLVED BY THE FLORIDA ATLANTIC RESEARCH AND DEVELOPMENT AUTHORITY THAT:

1. Each and every whereas clause set forth above is a true and correct recital and representation and is incorporated herein as if set forth fully.
2. The President & CEO is hereby authorized and directed to prepare, sign and submit an application to the Florida Job Growth Grant Fund.
3. If any section, part of a section, paragraph, sentence, clause, phrase or word of this Resolution is for any reason held or declared to be unconstitutional, inoperative, or void, such holding of invalidity shall not affect the remaining portions of this Resolution and shall construed to have been the legislative intent to pass this Resolution without such unconstitutional, invalid or inoperative part herein, and the remainder of this Resolution after the exclusion of such part or parts shall be deemed to be help valid as if such part or parts had not been included herein, or if this Resolution or any of the provisions hereof shall be held inapplicable to any person, group of persons, property, kind of property, circumstances or set of circumstances, such holdings shall not affect the applicability thereof to any other person, property or circumstances.
4. This Resolution shall be effective upon its adoption.

ADOPTED THIS 27<sup>th</sup> DAY OF JUNE 2018.

BY: *Michael Daszkal*

MICHAEL I. DASZKAL, CHAIR

**CORPORATE SEAL**



**VOTE**

	AYE	NAY
M. Daszkal	✓	
B. Swindell	✓	
D. Flynn	✓	
L. Maier	✓	
R. Parks	✓	
B. Rosetto	✓	
S. Welchel	✓	