

### **Welcome To Construction Forecast!**













# HEALTH & WELLNESS POSTERS





Health & Wellness Essentials to Keep Teams and Visitors Safe

Gerry Burns, Senior Regional VP Mobile: 215.768.4867

Gburns@e-arc.com







#### WWW.CM3INC.COM



























#### Advancing Our Client's Vision. Improving Our World.



www.**FPA**engineers.com























#### **ADVISORS FOR THE BUILT ENVIRONMENT**

PROGRAM, PROJECT & CONSTRUCTION MANAGEMENT

**CONSTRUCTION CLAIMS CONSULTING** 

**COMMISSIONING SERVICES** 

**WWW.GREYHAWK.COM** 





Providing Engineering and Construction Services to Southern New Jersey for over 30 years.

www.gpinet.com

908.236.9001

NJ Offices:

Lebanon, Ocean View, Red Bank















**Expertly better.** 

FOR BUSINESS



# Ask Us About Our "3-Step Return to the Office" and How to Save up to 80%

Upgrade to energy efficiency with Direct Install from New Jersey's Clean Energy Program™ and up to Of the cost will be covered.



Direct Install is brought to you by the New Jersey Board of Public Utilities.

888-777-4501 • HUTCHBIZ.com





Architecture, Engineering, Surveying
Midland Park, NJ | Goshen, NY | Voorhees, NJ | Bethlehem, PA
www.lanassociates.com 201.447.6400



Deep Industry Knowledge



Diverse Experience



**Effective Solutions** 

#### A Leader in Construction Law

Ashley H. Buono Construction Law Group 856-985-4057 abuono@parkermccay.com

www.ParkerMcCay.com



### UNBEATABLE IT & CYBER SECURITY SERVICES

Call to arrange a customized IT consultation

856.754.7500









Channel Futures.
MSP 501
2019 WINNER





We provide the highest quality craftsmen for the Residential, Commercial and Industrial sheet metal construction industry.

SHEET METAL WORKERS' LOCAL UNION 19

Gary Masino: President & Business Manager

Bryan Bush: Assistant Business Manager

(215) 952-1999 x. 2 | www.smartlu19.org







We take the time to understand what makes your business different, then offer solutions to fit your exact needs. From loans and lines of credit to treasury management, our financial services can help you reach a higher level of success.

#### Let's start a conversation.

1-888-388-0408 or tdbank.com/commercialbanking





### Welcome Remarks

Jane Asselta, Vice President, SNJDC















#### **Construction Forecast Planning Committee Co Chairs**



Dave Calnan

Senior Vice President

French & Parrello Associates



Mike Hutchinson

Commercial Sales

Hutchinson Mechanical Services



### South Jersey Economic Update

Introduced by Mike Hutchinson, Hutchinson Mechanical



Rob Curley
SJ Market President
TD Bank















### **Atlantic County Resurgence**

**Introduced by Chaz Caramanna, GREYHAWK** 



Lauren Moore

Executive Director

Atlantic County Economic Alliance













**Business Retention ◊ Business Growth ◊ Business Attraction** 

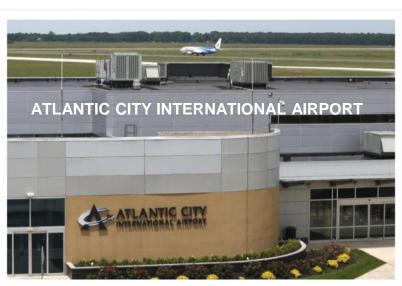
# Atlantic County Aviation Innovation Hub



Lauren H. Moore, Jr. Executive Director

#### **NEW JERSEY AVIATION INNOVATION HUB**





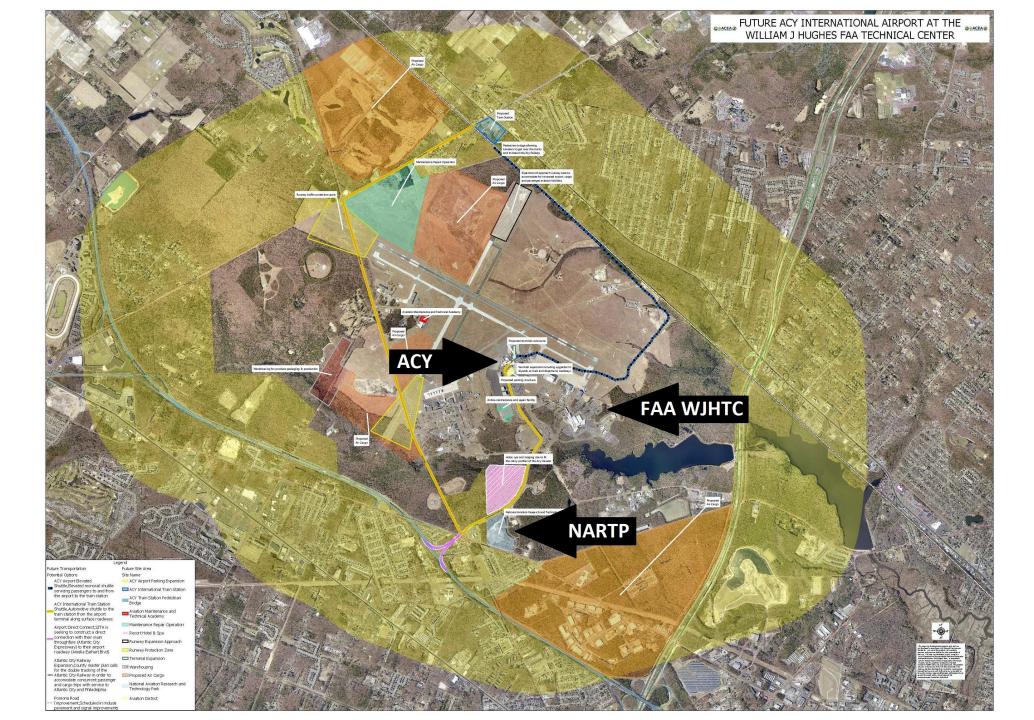




#### **BUILDING AN AVIATION INNOVATION HUB AROUND STRONG EXISTING ASSETS**

- Atlantic City International Airport (ACY)
  - Commercial Carrier Spirit Airlines
  - Military 177th Fighter Wing
  - U.S. Coast Guard Air Station
  - Air Marshal Training Service
  - Transportation Security Laboratory
- Two runways: 10,000 feet; 6,144 feet
- Underused resource on 5,000 acres operated by the State of NJ South Jersey Transportation Authority
- Class C Airspace Designation with less congestion at a lower cost than nearby major airports in Philadelphia and Newark
- ACY is home to the FAA Technical Center.
  - 5,000 employees, including civilian contractors





#### NATIONAL AVIATION RESEARCH & TECHNOLOGY PARK

- NARTP is a key element of the NJ Aviation Innovation Hub.
- NARTP is a collaboration of industry, academia and government dedicated to the advancement of aviation sciences through private and public research and development.
- The first state-of-the-art 66,000 sq. ft. aviation research building opened June 19, 2019 and is fully leased.
- 58-acre site.
- 334,000 sq. ft. of aviation related space is available for further development just outside the FAA Tech Center. Build-to-suit opportunity.







#### GENERAL DYNAMICS

Information Technology





#### NARTP - FIRST BUILDING

- 300 HIGH-TECH JOBS AT NARTP
- Tenants include:
  - 1. NARTP
  - 2. General Dynamics Information Technology (GDIT)
  - 3. Thunderbolt Software
  - 4. Atlantic County Institute of Technology (ACIT)
  - 5. Federal Aviation Administration (FAA)
  - 6. Rowan University
  - 7. Concepts Beyond
  - Optimal Solutions and Technologies (OST)
  - 9. Diakon Solutions













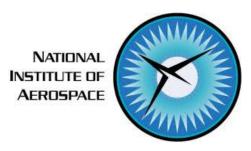
#### STRATEGIC PARTNERSHIPS

















#### **ACADEMIC PARTNERSHIPS**













#### AIRPORT OF THE FUTURE



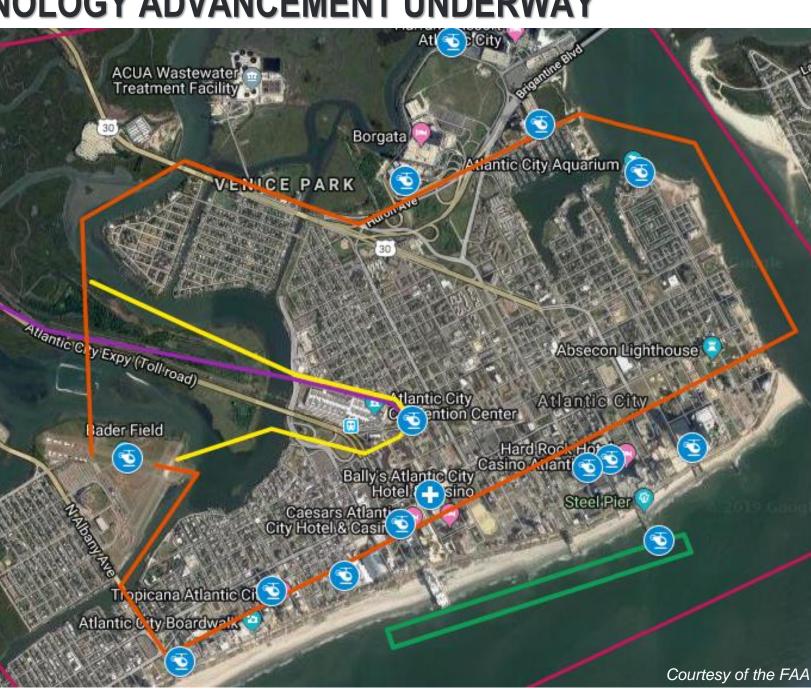
- Newest entity as we build out our Aviation Innovation Hub The Smart Airport and Aviation Partnership (SAAP).
- ACEA awarded \$1.7 million three-year grant from the U.S. Department of Commerce.
- ACEA Partnered with the National Institute of Aerospace (NIA) to win the grant.
- Southern New Jersey's first Technology Incubator/Accelerator. Attracted first cohort of 7 new companies.

#### OTHER TECHNOLOGY ADVANCEMENT UNDERWAY



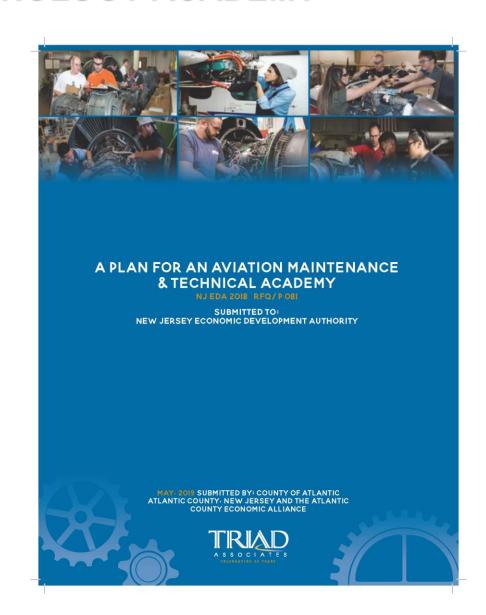
Atlantic City UAM Jitney Route

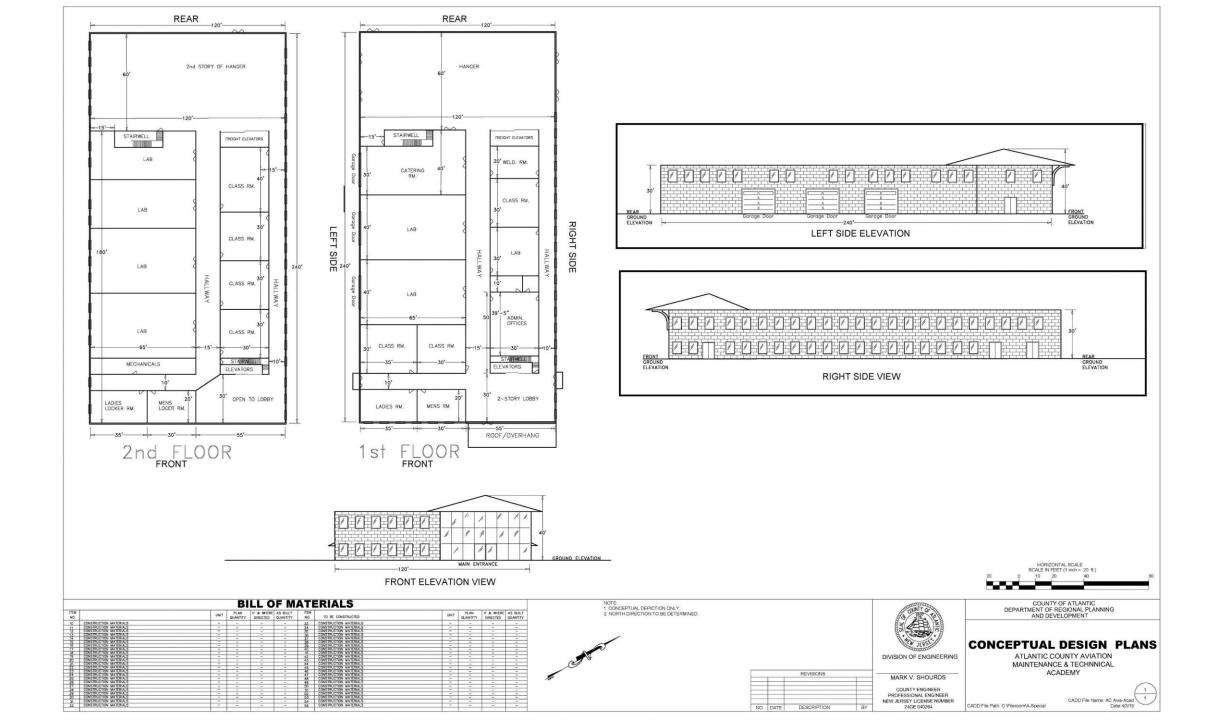




#### **AVIATION MAINTENANCE & TECHNOLOGY ACADEMY**

- \$13 million fully accredited 50,000 square foot academy
- Pursuing federal grant to help build academy with balance of funding from private and/or public sector
- Plans for Embry-Riddle Aeronautical University to operate in conjunction with Atlantic Cape Community College





### ACEA PROMOTING BROAD REGIONAL ECONOMIC VISION FOR SOUTHERN NEW JERSEY NEW JERSEY'S AVIATION RESEARCH TRIANGLE

- In addition to attracting aviation businesses to Atlantic County, the ACEA is working to develop a full southern New Jersey aviation "ecosystem."
- This ecosystem will incorporate research and human assets at the following locations:
  - The Joint Base McGuire-Dix-Lakehurst
  - The emerging Unmanned Aircraft Systems activity in Cape May County
  - National Aviation Research and Technology Park on the grounds of Atlantic City International Airport.









#### IN THE WORKS: GLOBAL X PROJECT



- A Miami-based start-up charter airline announced a deal to bring two A320 aircraft to ACY.
- Project calls for construction of a \$5 million 25,000 square foot hangar for maintenance and repair.
- Project 70 new jobs: Pilots, flight attendants, and maintenance crews.





#### WHAT ELSE IS IN THE WORKS

- Planning and funding stage for second building.
- Working with Opportunity Zone investment group.
- Seeking federal support from CARES Act
- Engaged with several aerospace companies interested in space in second building.
- Lobbying State of New Jersey for \$30 million investment in Cargo Infrastructure at ACY using revenue from recent toll increases.
- Opening 300-acres of additional runway-side development opportunity by relocating bird sanctuary.
- Air jitney route and designating local air corridors for UAM and UAS testing.
- Stimulating private sector investment!
  - Airport hotel breaking ground in 2020
  - Hangar/FBO project at ACY with local casino
  - Private sector investor for building #2





# DEVELOPMENTS AROUND ATLANTIC COUNTY Medical Facilities Rising

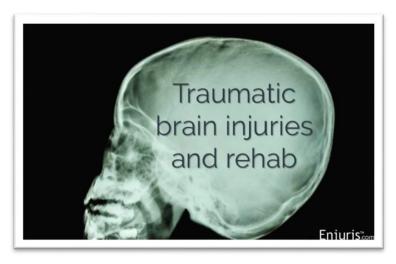
#### **AtlantiCare**

- \$38.3 million, 68-thousand square-foot, three-story facility *Medical Arts Pavilion* at Ohio and Atlantic Avenues in Atlantic City.
- Expanding and creating programs to enhance access to care and address community health and wellness issues in Atlantic City.
- Land donated by CRDA: One-year extension of \$15 million fund reservation and a grant development agreement.
- Groundbreaking: End of Summer 2020.
- Opening: Summer 2022.

#### **Traumatic Brain Injury (TBI) Facility**

- Developer of the Tower Site in Egg Harbor City: SJ Neuro Rehab Agency
- Live-in TBI facility with full medical services, and nearby sites for third party medical and services offices.
- The Tower Site property designated in need of redevelopment by the municipality.







# DEVELOPMENTS AROUND ATLANTIC COUNTY Atlantic City Projects



#### The Showboat Hotel Proposed \$100 million water park

- "Aquatic-amusement experience" year-round facility
- Will offer slides, pools, and a lazy river in addition to locker rooms, lounges, eating and drinking venues, and retail

#### **Gardner's Basin**

- Home to fishing fleet, several restaurants, novelty stores, and the Atlantic City Aquarium
- \$3.6 million for improvements and beautification including lighting, restrooms, parking, and Wi-Fi
- Work begins Fall 2020

#### **Atlantic City Convention Center and Jim Whelan Boardwalk Hall**

- Casino Reinvestment Development Authority (CRDA): \$15.2 million capital improvement budget for projects
- \$5 million switchgear replacement in West Hall in Boardwalk Hall
- \$1.8 million to restore portions of the facade on Boardwalk Hall to restore the masonry of the historic 90-year-old landmark to ensure structural integrity
- Work begins in 2020

#### **Bulkheads in Lower Chelsea**

- \$4 million in FEMA and Superstorm Sandy grant funding for city-owned bulkhead replacement project
- · Includes sections along Sunset and Winchester Avenues and street ends between Jackson and North Albany Avenues.
- Tallahassee Avenue street-end bulkhead replacement recently completed

# DEVELOPMENTS AROUND ATLANTIC COUNTY 2020 & 2021 Atlantic County Infrastructure Investment Plan

**Bridge Maintenance and Repair** – Critical due to extensive back bays, two major rivers, and scores of tributaries

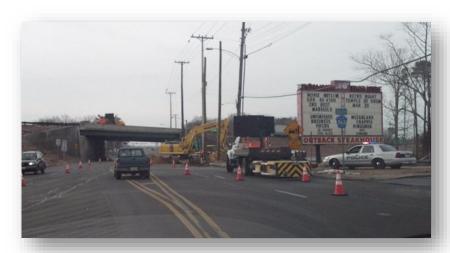
- Currently: 8 multi-year bridge projects underway totaling \$79.5 million in construction outlays
- •2020: 7 additional bridge projects at a cost of \$13 million
- •2021: 3 projects at a cost of \$4.8 million



- 2020: 10 county road projects totaling \$8 million in construction expenditures & signalization projects at a cost of \$13 million
- •2021: 7 projects projected at a cost of \$4.5 million

#### **Highway Construction Projects**

- •2020: \$34 million in highway construction
- •2021: Projected \$12.5 million in projects





# DEVELOPMENTS AROUND ATLANTIC COUNTY Off-Shore Wind Comes to Atlantic City

#### Ørsted (US OffShore Wind)

- Wind farm 15 miles off Atlantic City
- Committed to spending \$1.6 billion to construct 1,100 megawatts in wind generation off Atlantic City
- Plans call for 96 12-megawatt turbines, currently the largest and newest wind turbine produced in the world
- Secondary sites Beesley's Point Generating Station site and Higbee/Ontario substation in Atlantic City

#### **Atlantic Shores LLC**

- Joint venture between Shell New Energies and EDG Renewables
- Surveying 183,000 square mile section of ocean north of Atlantic City
- Leading bidder for New Jersey's second offshore wind farm







**America's Most Convenient Bank®** 

# Camden County: Working Together We Are Stronger

**Introduced by Matt Kearney, French & Parrello Associates** 



Mike Hagarty

Director of Project Management

Camden County Improvement Authority















Making It Better, Together.

#### SNJDC ANNUAL CONSTRUCTION FORECAST

#### **CAMDEN COUNTY**

Working Together We are Stronger

Michael Hagarty
Director of Project Management
Camden County Improvement Authority

July 23, 2020

# Working Together We Are Stronger

**Response to COVID-19 Pandemic** 

**Future County Facility Projects** 

**Projects in Development Phase** 

**Projects in Early Stages of Design** 

**Municipality Partnerships** 



# **COVID-19 Response**



#### Response to Challenges Created By COVID-19 Pandemic





- Partnered with local hospitals for testing sites
- Created Weekly Food
   Distribution for those in need
- Weekly live updates to keep people informed
- Education resources created and shared through communities
- Enforcing employee safety measures across all buildings
- Action planes created for future situations

# **County Facility Projects**



# **New County Facility in Stratford**



- Redevelopment of existing shopping center in former "Bradlees Dept. Store"
- Proposed subdivision of 120,000 SF building on 9.3 acres
- Features include new roof and façade; additional parking; sitework and landscaping
- Improved access and link to public transportation

# Joint Services Facility

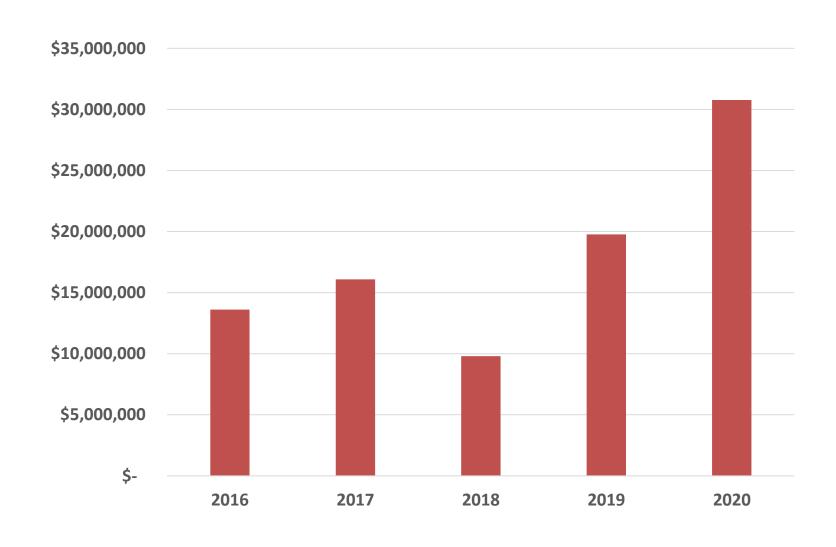


- Redevelopment of 22-acre project site on Mount Ephraim Ave in Camden
- Phase 1 provides new office complex for County, State and affiliated offices
- Future phases anticipate both additional office and commercial pad sites
- New complex promotes redevelopment of corridor

# **Projects in Development**



#### **CAMDEN'S TRANSPORTATION IMPROVEMENTS**



#### **Cooper Poynt Pedestrian Walkway**



- The County is completing a concept study to connect the Camden Waterfront with the Cooper Poynt Park
- The bridge will be a cantilever swing bridge to allow DRVPC access under the Benjamin Franklin Bridge for maintenance

 The bridge will allow pedestrians, bicyclists and the waterfront tram to experience the views of the Delaware River and link to County wide trail

## **Cooper Poynt Pedestrian Walkway**



# **Cooper Poynt Pedestrian Walkway**



#### HADDON AVENUE (CR 561) EUCLID AVE. TO NEWTON AVE.



#### **Upcoming Projects**



- Replacement of Garfield Avenue over N. Branch of the Timber Creek,
   Clementon, NJ
- Elevation of Broadway CR 551, Jersey Ave to Bridge, Gloucester City
- Intersection Improvement, River Road and Federal Street, Camden City
- Haddon Avenue (CR 561), Berlin Township
- Cuthbert Boulevard and South Park Drive, Haddon Township
- Chew Road, Pestleton Road to Atlantic County Border, Waterford Township

# **Projects in Design**



#### **Market and Federal Street Traffic Operations**





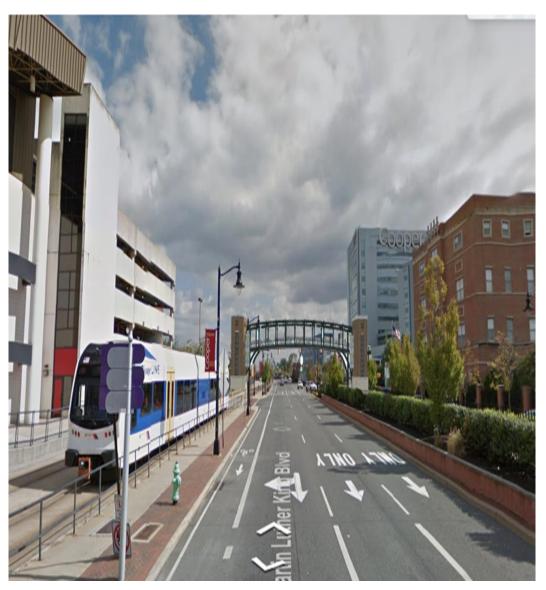
- Working to improve traffic flow and pedestrian safety on Market St. and Federal St. between Rt 30 and Delaware Ave due to the increase of jobs in Camden City.
- Improve traffic flow into the City and incorporate the Countywide trail from Camden City to Winslow into the improvements
- Received \$10M in NJDOT grant funding to design and construct improvements

#### **ROUTE 30 FEEDER**

# IMPROVED ACCESS INTO CITY OF CAMDEN BETWEEN ADMIRAL WILSON BLVD AND BEN FRANKLIN BRIDGE



## **Projects in Early Stages of Design**



- Union Avenue, Park to Cove,
   Pennsauken Township
- 27<sup>th</sup> Street, Marlton Pike to Federal Street, Camden City
- Berlin-Cross Keys Road CR 689, New Brooklyn Erial to Camden County Technical School, Winslow and Gloucester
- Almonesson Road,Gloucester Township
- Haddon Avenue CR 561,
   Collingswood, Haddon
   Township and Haddonfield

# **Municipality Partnerships**



## **Municipality Partnerships**



- Barrington Fire Company and EMS Association Roof Replacement Project
- Camden City Demolition Program
- Collingswood Public Safety Building
- Collingswood Public Library
- Merchantville Community Building and Senior Center
- Waterford Township BOE School Capital Improvement Program
- Waterford Township Public Safety Building



Making It Better, Together.

#### **CAMDEN COUNTY**

Working Together We are Stronger



America's Most Convenient Bank®

# **Thinking Differently About Cumberland's Future**

Introduced by Bill Carter, Greenman - Pedersen, Inc.



Jerry Velazquez

President/CEO

Cumberland County Improvement Authority

















# Cumberland County Improvement Authority

THINKING DIFFERENTLY ABOUT THE FUTURE

# CCIA: ROLES THAT IMPROVE OUR COMMUNITIES



**Landfill Operations** 

Recycling
CNG/Electric Vehicles

Trash Collection

Fleet Maintenance



**Shared Services** 

Fleet Maintenance

Technical Assistance

Redevelopment



Economic Development

**Business Expansion** 

**Business Recruitment** 

**Technical Assistance** 

**Opportunity Zones** 



**Public Facilities Projects** 

# CCIA: Community Impact 2015-2020

- 27 public facility and renovation projects
- \$338 million project costs
- 30 shared service contracts
- 3,809 construction jobs
- 580 new, full time jobs
- \$702,764,337 direct/indirect economic impact





| PROJECT  | CCIA<br>PROJECT<br>COST | ESTIMATE OF<br>CONSTRUCTION<br>RELATED AND<br>FULL-TIME JOBS | TOTAL IMPACT  |
|--|-------------------------|--|---------------|
| County Technical Education Center (CCTEC)              | \$68,604,770            | 785  | \$128,258,670 |
| Rowan College of South Jersey Arts & Innovation Center | \$6,950,000             | 70   | \$11,601,000  |
| Center for Workforce/Economic Development              | \$7,596,000             | 75   | \$12,394,000  |
| 275 Delsea Drive Services Center                       | \$2,444,199             | 44   | \$9,909,243   |
| East Point Lighthouse Restoration                      | \$850,000               | 8  | \$1,306,251   |
| New Jersey Motor Vehicle Center                        | \$1,442,283             | 14   | \$2,163,425   |
| Solid Waste Complex Landfill Cell Replacement          | \$19,118,111            | 177  | \$28,677,167  |
| Solid Waste Complex Landfill Gas Facility              | \$515,277               | 5  | \$772,916     |
| Solid Waste Complex Treatment Plant                    | \$2,246,548             | 22   | \$9,319,822   |
| Food Specialization Center                             | \$10,500,000            | 113  | \$16,860,000  |
| CCTEC Health/Sciences Building                         | \$23,000,000            | 221  | \$35,910,432  |
| CCIA Administration Building                           | \$5,500,000             | 100  | \$15,750,000  |
| 57-71 Park Avenue, Vineland                            | \$21,669,118            | 193  | \$32,503,667  |
| Vineland Police Station                                | \$22,575,863            | 206  | \$33,863,795  |
| County Jail and Holding Facility                       | \$60,000,000            | 534  | \$90,000,000  |
| Rowan College of South Jersey STEM Facility            | \$2,500,000             | 22   | \$3,750,000   |
| Downtown Bridgeton Project(s)                          | \$11,201,713            | 100  | \$16,802,570  |
| Downtown Millville Project(s)                          | \$6,639,246             | 59   | \$9,958,869   |
| Solid Waste Complex Landfill Upgrades                  | \$6,700,000             | 61   | \$10,050,000  |
| Solid Waste Complex CNG Station                        | \$2,800,000             | 26   | \$4,200,000   |
| Solid Waste Complex Micro Grid Project                 | \$9,000,000             | 80   | \$13,500,000  |
| Data Center Sale/Solar Project                         | \$63,000,000            | 649  | \$102,937,500 |
| Lincoln Avenue Redevelopment                           | \$19,230,000            | 450  | \$45,345,000  |
| Solid Waste Complex Methane Gas Expansion              | \$1,500,000             | 13   | \$2,250,000   |
| Cumberland County Capital Projects                     | \$1,720,000             | 15   | \$2,580,000   |
| Cape May Shopping Center Project                       | \$19,000,000            | 169  | \$28,500,000  |
| Southeast Gateway Housing Project                      | \$20,000,000            | 178  | \$30,000,000  |
| Estimate of Shared Services Savings                    |                         | /  | \$3,600,000   |
| TOTALS   | \$337,953,128           | 4,38   | \$702,764,33  |

### **SHARED SERVICE GAINS**

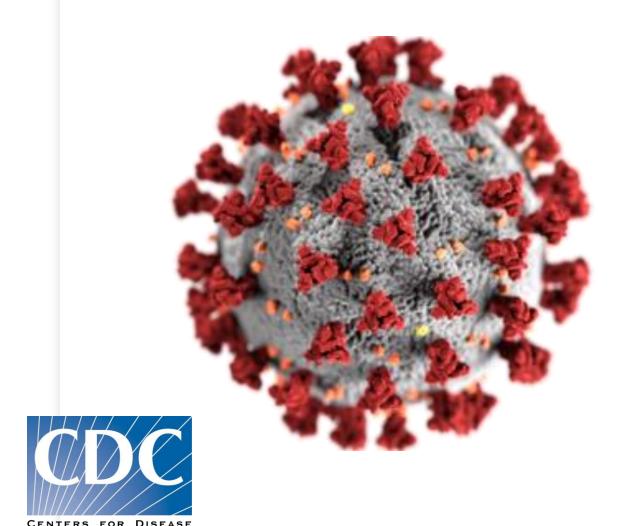
| REALIZED COUNTY SAVINGS/CCIA CONTRIBUTION  | County      |  |  |
|--|-------------|--|--|
| <ul> <li>Economic Development: Administration, Marketing, Public<br/>Relations/Conferences, and General Expense</li> </ul> | \$ 641,403  |  |  |
| Cumberland County College  | 950,984     |  |  |
| County Contribution  | 605,114     |  |  |
| Rental Savings/Lease Properties  | 183,426     |  |  |
| > Fleet Maintenance  | 335,675     |  |  |
| Deerfield Host Community Benefit   | 585,000     |  |  |
| > Health Department Contribution   | 136,500     |  |  |
| Trash removal/Derelict Building/Impound Lot Rental *   | 96,600      |  |  |
| > 78-80 Atlantic Street Parking Lot  | 24,000      |  |  |
| ➤ Construction Management – 1.5% x Construction Costs  |             |  |  |
| TOTAL COUNTY BENEFIT   | \$3,558,702 |  |  |

#### ADDITIONAL SHARED BENEFITS TO ALL MUNICIPAL PARTICIPANTS:

- Real Estate Shared Marketing County properties for revenue production or sale
- Capital Project Funding
- Equipment Financing Program
- ❖ Fleet Maintenance
- Car & Truck Wash
- Fuel System & Vehicle Diagnostic Devices

# CCIA: Covid-19 Business Resources

- One-Stop Information Center
- 40+ Member Business Resources Weekly Meeting
- Direct Technical Assistance to Cumberland Businesses
- Cumberland Reopening Plan
- Best Practices by Industry
- Projected Impact Report



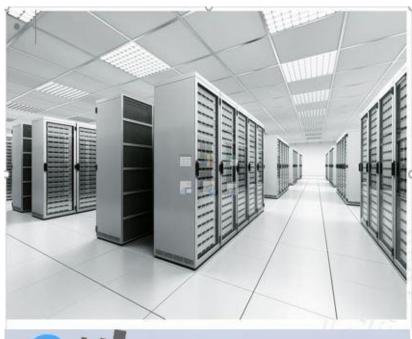
CONTROL AND PREVENTION













**Current Projects** 

# OPPORTUNITY ZONES: PRIVATE INVESTMENT









"We cannot solve our problems with the same thinking we used when we created them".

-Albert Einstein

# Ten Year Strategic Plan 2020-2030

Thinking Differently about our Future









Thinking Differently
About our Future



# CCIA: Investing in Cumberland's future





# **NJ Wind Port Transforming Our State**

**Introduced by Todd Farally, Sheet Metal Workers' Union Local 19** 



## **Brian Sabina**

Sr. Vice President, Office of Economic Transformation
New Jersey Economic Development Authority





















## STRONG POLITICAL COMMITMENT TO THE WIND INDUSTRY



7,500 MW OF POJECTS OVER THE NEXT 15 YEARS



A VALUE AND SUPPLY CHAIN GROWTH STRATEGY



PORT INVESTMENTS TO SUPPORT OFFSHORE WIND



#### **NEW JERSEY IS:**

AT THE HEART OF THE EAST COAST WIND BELT



OF THE US
EAST COAST
LEASE AREAS



REGIONAL
CONNECTIVITY
IN THE
NORTHEAST AND
MID-ATLANTIC



EASY ACCESS TO THE REST OF THE GLOBE



LARGE AND ACCESSIBLE TALENT POOL



4th

highest share of bachelor degree+ holders in the US

#### **NEW JERSEY HAS:**

# TALENT FOR THE ENTIRE WIND ECOSYSTEM

A WORKFORCE READY FOR OFFSHORE WIND



90,000+

workers with offshore windadjacent skills

PIPELINE OF TOP TALENT



150+

higher education institutions in the region



NEW JERSEY IS LAUNCHING:

The WIND Institute



ACT AS A CENTRALIZED
HUB FOR OFFSHORE
WIND WORKFORCE
DEVELOPMENT



CHAMPION RESEARCH
AND INNOVATION THAT
UNLOCKS MARKET
POTENTIAL





#### **Expected economic impact:**

- \$300-400 million green infrastructure investment in South Jersey
- Up to 1,500 permanent manufacturing, assembly, and operations jobs
- Hundreds of construction jobs targeted to start in 2021
- \$500 million in new annual economic activity



The New Jersey Wind Port at **Lower Alloways** Creek will be an integral part of **New Jersey's** growing offshore wind port network





Why Lower
Alloways
Creek?



### **SOUTH JERSEY**

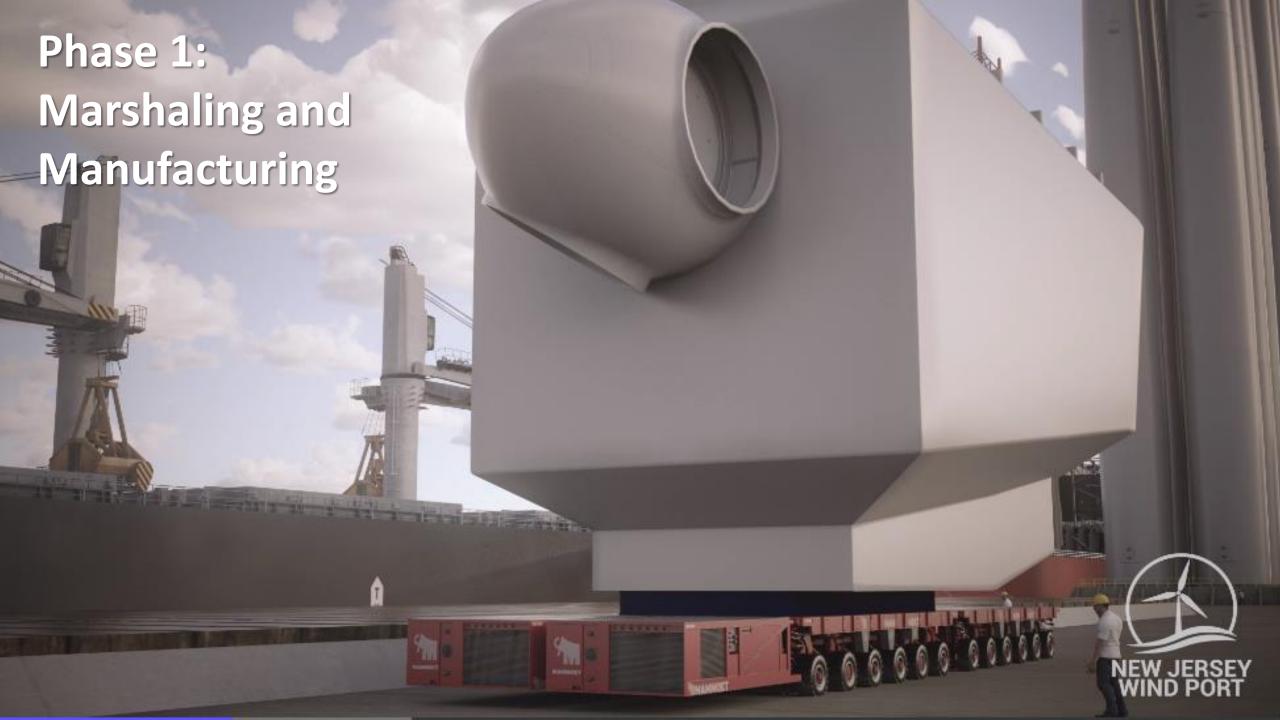
- OPEN ACCESS TO THE ATLANTIC
- AMPLE AVAILABLE SPACE
- NO BRIDGE RESTRICTIONS
- STRONG TECHNICAL AND TRADES WORKFORCE
- 50% OF US LEASE AREAS WITHIN 1-DAY'S STEAM



# Two phases of development PHASE 1 (2023): MARSHALLING AND MANUFACTURING PHASE 2 (2024-2026): EXPANDED MARSHALLING **DREDGING** AND MANUFACTURING

### Phase 1: Construction 2021 | Operations: 2023







### Phase 2: Construction 2023 | Operations: 2024-26







#### NJEDA's commitments:

- Constructed using union labor
- New standard for minority and women-owned business inclusion
- Environmentally responsible development
- Enable competition that lowers energy costs





www.nj.gov/windport



## **Audience Q&A**

Please use the Q&A feature to submit your questions













# CONSTRUCTION FORECAST ECONOMIC RECOVERY AHEAD

PRESENTED BY



**America's Most Convenient Bank®** 

#### A Special Thank You to our Sponsors!

Presenting Sponsor



**America's Most Convenient Bank®** 

Supporting Sponsors















**America's Most Convenient Bank®** 

#### **Thank You to our Exhibitor Sponsors!**









ENGINEERING PLANNING ARCHITECTURE SURVEYING SINCE 1965



Cisco WebEx provided by

