



2020 NEW YORK POWER AUTHORITY

Virtual Supplier Diversity Outreach Event Western NYS Region

August 31, 2020

Welcome - Joseph Kessler, Executive Vice President

Safety Moment – Joseph Dentico, Niagara Health and Safety Representative

Opening Remarks - John Canale, VP Strategic Supply Management

SDVOB Business Development - Kenneth Williams, Director at NYS Division of Service-Disabled Veterans

Next Generation Niagara – Timothy Poe - Acting Project Manager - Western NY

Niagara Regional Projects - Timothy Poe

Engineering & Construction Management - John Raudenbush, Director SENY Implementation

Energy Services Implementation Contractors, Clean Energy Solutions

2020 Implementation Portfolio

Canal Corporation – Matthew J. Lengel, MBA, PE Director of Asset Management & Inspection
– Angelyn Chandler, VP Planning Empire Line

- ✓ Our Mission
- ✓ Strategic Priorities
- ✓ Canal Projects
- ✓ Reimagine the Canals

Supplier Relationship Management – Eric Alemany, Director SRM

Breakout Sessions – Alyson Danielewicz, Site Buyer II NYPA Purchasing

Breakout Session 1

1. NYPA Ariba Supplier Onboarding Process
Presented by: Will Williams
2. NYPA Insurance Guidelines – OCIP
Presented by: Kenteh Lees

Breakout Session 2

1. NYPA Supplier Diversity Management

- Bold Initiatives for Supplier Diversity – Victoria Daniels – Manager, Supplier Diversity
- Doing Business With NYPA – Anne O’Malley – Supplier Diversity Analyst

2. Sustainability for NYPA Suppliers

Presented By:

Alexandra Leader

NYPA, Project Analyst – Sustainability

and

Chris Peterson - Executive Director

Electric Utility Industry Sustainable Supply Chain Alliance (EUISSCA)

Meet the Procurement Team

- **Lindsay Hayden**
Senior Site Buyer Purchasing
- **Grant Johnston**
Senior Site Buyer Purchasing
- **Timothy Kloiber**
Senior Site Buyer Transactional
Procurement

- **Sean Rooney**
Strategic Buyer II
- **John McNamara**
Category Manager

JOSEPH KESSLER

**Executive Vice President &
Chief Operating Officer, Utility
Operations**

SAFETY MOMENT

JOSEPH DENTICO

Niagara Health and Safety Representative



**NY Power
Authority**

John Canale Vice President, Strategic Supply Management

NYPA was created by the Power Authority Act in 1931 and today provides low-cost electricity to New York businesses and individuals as well as energy services.

Value Brought to New York State by NYPA
Despite the changes taking place in the industry, NYPA continues to deliver value to our customers and the State at a scale that others cannot. Since 2013:

- Carbon Avoidance:** NYPA's hydro generation offsets the CO₂ emissions of 1.7 million cars.
- Clean Energy:** 83% of equivalent hours generated by our assets derive from carbon free resources.
- Jobs Created:** Our clean power programs support 848 customers and 400,000 jobs.
- Economic Value:** We have used our clean electricity to create \$1 billion dollars of economic value.
- Pumped Storage:** NYPA stores enough energy in our pumped storage plants to power 1.2 million homes.

Strategic Initiatives and Key Projects

- Customer Solutions**
 - Transforming the way NYPA engages with its customers
 - New York Energy Manager
 - Project EDGE
 - State Parks Solar
 - Customer Digital Experience
- Smart Generation + Transmission**
 - Creating and maintaining a backbone of intelligent, flexible and resilient transmission and generation infrastructure
 - AGLE
 - Marcy South Series Compensation
- Asset Management**
 - Ensuring NYPA has optimal understanding and visibility of our assets to make informed decisions with respect to the allocation of investments
 - ISOC
- Process Excellence**
 - Optimizing process performance across the enterprise
 - Procurement
 - Make to Cash
- Workforce Planning**
 - Creating a dynamic, engaged and upskilled workforce of the future
 - MOSAIC HR system roll-out
- Knowledge Management**
 - Developing a flexible, creative and empowered workforce
 - Knowledge Transfer Program

NYPA's Digital Hubs

- Customer Insight—NYEM**
New York Energy Manager (NYEM) is NYPA's digital customer. It provides real-time visualized data on how NYPA works with its customers to drive high energy performance, lower energy bills, and integrate thousands of buildings, including all major state agencies, into NYPA's data analytics and advisory services.
- Digital Generation & Transmission Oper**
With our market leading Integrated Smart Operator, we are deploying advanced sensors, measurement technologies and communications infrastructure onto NYPA's assets. The ISOC will generate insights that help us better predict and avoid problems with our generation and transmission facilities ensuring that we make optimal, cost efficient asset management investment decisions. This will enable us to manage our assets more flexibly in response to market conditions and grid reliability needs.
- World Class Grid Research—AGLE**
The Advanced Grid Innovation Laboratory for Energy (AGILE) is New York's first electric power research facility. It will use Big Data analytics to simulate, develop, deploy and integrate the next-generation electric grid and position New York State as a leader in electric grid research.

DIGITIZATION

- Offer the best deal in electricity commodity management for our supply customers.
- Be market leader for both energy efficiency and renewable energy services.

Our Mission

Power the economic growth and competitiveness of New York State by providing customers with low-cost, clean, reliable power and the innovative energy infrastructure and services they value.

Looking ahead, we will help bring about the flexible, distributed, consumer-driven energy system of the future by investing in the things that customers truly value. NYPA will lead this transformation in concert with our customers.

Strategic Priorities

- ❖ **Customer Success.** NYPA will make customer success our success.
- ❖ **Cost Leadership.** NYPA will continue to manage the risk of electricity price volatility for our customers by ensuring that they enjoy the best value energy bill.
- ❖ **Innovation.** NYPA will lead the State in accelerating and innovating new technologies and business models that help create value for NYPA and for our customers.

NYPA set an ambitious goal to become the first digital utility as part of our Vision 2020 Strategic Plan, and will continue to provide innovative energy services to New York State customers for the next decade and beyond.

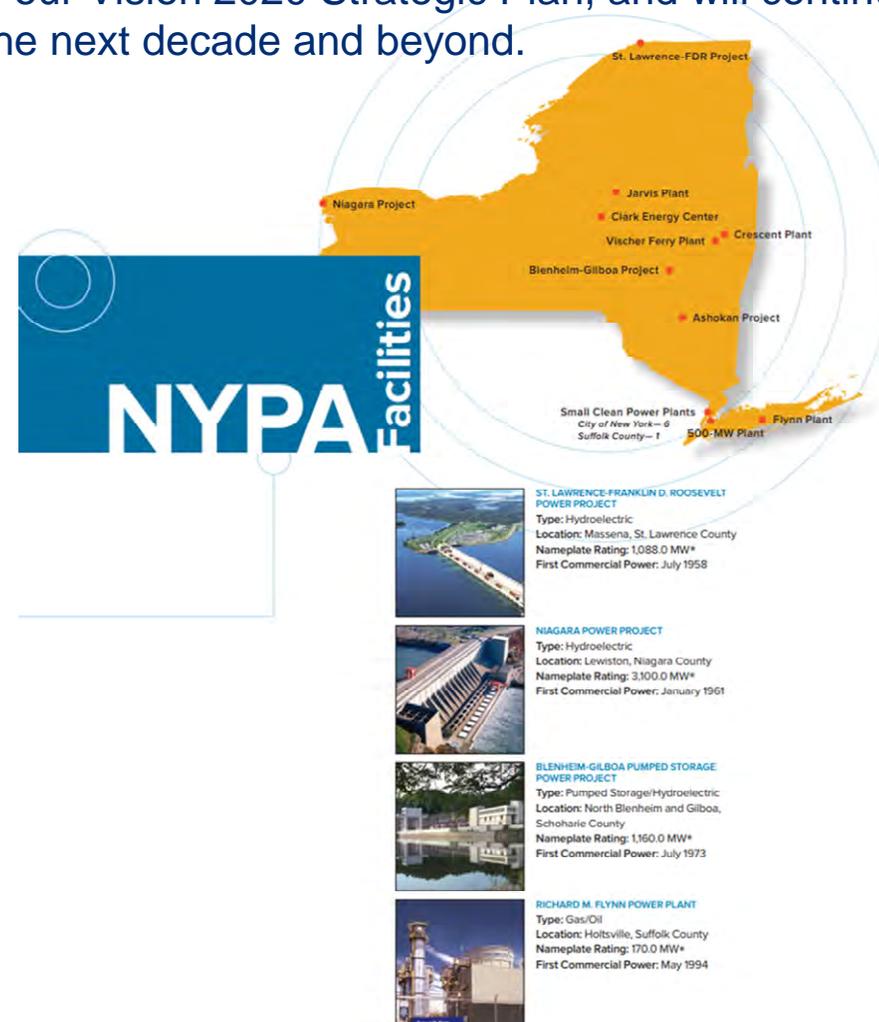
□ Key lines of business

- Power: 16 generating facilities and more than 1,400 circuit-miles of transmission lines
- Customer Energy Services: \$150M+ energy efficiency projects managed each year, and growing
- Innovative Energy Services: New York Energy Manager, EVOlve, others

□ Operating revenue: \$2.37B¹

□ Operations & maintenance costs: \$692M¹

- Includes capital projects
- Generally the spend that SSM manages



1. Source: 2019 Financial Report posted to NYPA.gov

- Safety
- Trust and Transparency
- Demonstrate Additional Value
- Technology & innovation
- Environmental stewardship



**NY Power
Authority**

**Kenneth Williams
Executive Director of NYS Division of
Service-Disabled Veterans' Business
Development**

Timothy Poe

**Acting Project Manager -
Western NY**

ROBERT MOSES LIFE EXTENSION AND MODERIZATION LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

- Replace wicket gates, head covers, stators, shafts, guide bearings, hatches, bushings, etc.
- Modernize digital control systems, unit instrumentation, protection systems, power panels, and controls rooms.
- Rehabilitate runners, stay rings, operating mechanisms, rotor rims and spiders, thrust bearings, servomotors, 630T Gantry Crane, ISO – Phase Bus.

Total Project Cost of 1.1 Billion US Dollars

Subcontracting Opportunities

- Crane Repair and Inspection Services
- Welding Services
- Coating/Painting Services
- Transportation Truck
- Disposal Services
- Design Services
- Steel/Aluminum Fabrication
- Construction Management
- Equipment Operator
- Scaffolding Erection
- NDE Inspections
- Piping
- Masonry
- HVAC
- Control Wiring
- Electrical

NIAGARA FIRE ALARM

LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

Safety systems upgrade for Niagara Power Project including:

- Fire Alarm
- Emergency Lighting
- Exit Signage
- Deluge Release
- Public Address System
- Conduit Trench

Total Project Cost of 27 Million US Dollars



Subcontracting Opportunities

- Coating/Painting Services
- Transportation Truck
- Disposal Services
- Design Services
- NDE Inspections
- HVAC
- Control Wiring
- Electrical $\leq 480V$
- Life Safety Inspections
- Construction Management
- Excavation
- Electrical Supplies
- Permitting
- Surveying
- Equipment Rental
- Utility Markout



NIAGARA RIVER INTAKE UPGRADES LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

Intake gates are original to the 1960s, upgrades and repairs include:

- Control/Electrical Panel Upgrades
- Motor Control Centers (MCC) Upgrades
- Battery Upgrades
- Intake Gate Refurbishment
- Intake Gate Structural Evaluation

Subcontracting Opportunities

- Crane Services
- Welding Services
- Coating/Painting Services
- Transportation Truck
- Disposal Services
- Electrical Supplies
- Scaffolding Design & Erection

ROBERT MOSES NORTH ABUTMENT REPAIRS LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

Scope is still being finalized however various inspections and repairs will be performed on the North Abutment.

Subcontracting Opportunities

- Topographic Surveying
- Soil Testing/Analysis
- Concrete Trucks/Services
- Drainage Services/Water Piping
- Transportation Truck



ROBERT MOSES NIAGARA CHILLER REPLACEMENT LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

Chillers throughout the NPP are nearing their useful life, upgrades and repairs include:

- Design, Supply, and Install Demand Flow Control System
- Design, Supply, and Install Six (6) Centrifugal Chillers with associated instrumentation and controls
- Chiller Piping Modifications

Subcontracting Opportunities

- Design Services
- Control Wiring
- Electrical \leq 480V
- Crane Services
- Welding Services
- Mechanical Services – HVAC, Piping
- NDE Services
- Disposal Services
- Transportation Trucking



ROBERT MOSES UNIT SUBSTATION REPLACEMENT LOCAL SUBCONTRACTORS OPPORTUNITIES

June 18, 2020

PROJECT SCOPE

Existing RM Unit Substation have exceeded their useful life, upgrades and repairs include:

- Design, Supply, and Install Thirteen (13) RM Unit Substations
- Supply and Install new Switchgear
- 500 kVA Stepdown Transformers
- 480 VAC Power Cable Replacement
- Replacement of Control Wiring

Subcontracting Opportunities

- Design Services
- Electrical \geq 480V
- Control Wiring
- Crane Services
- Demolition / Disposal Services
- Transportation Truck
- Construction Management
- Electrical Supplies

John Raudenbush

Director SENY Implementation



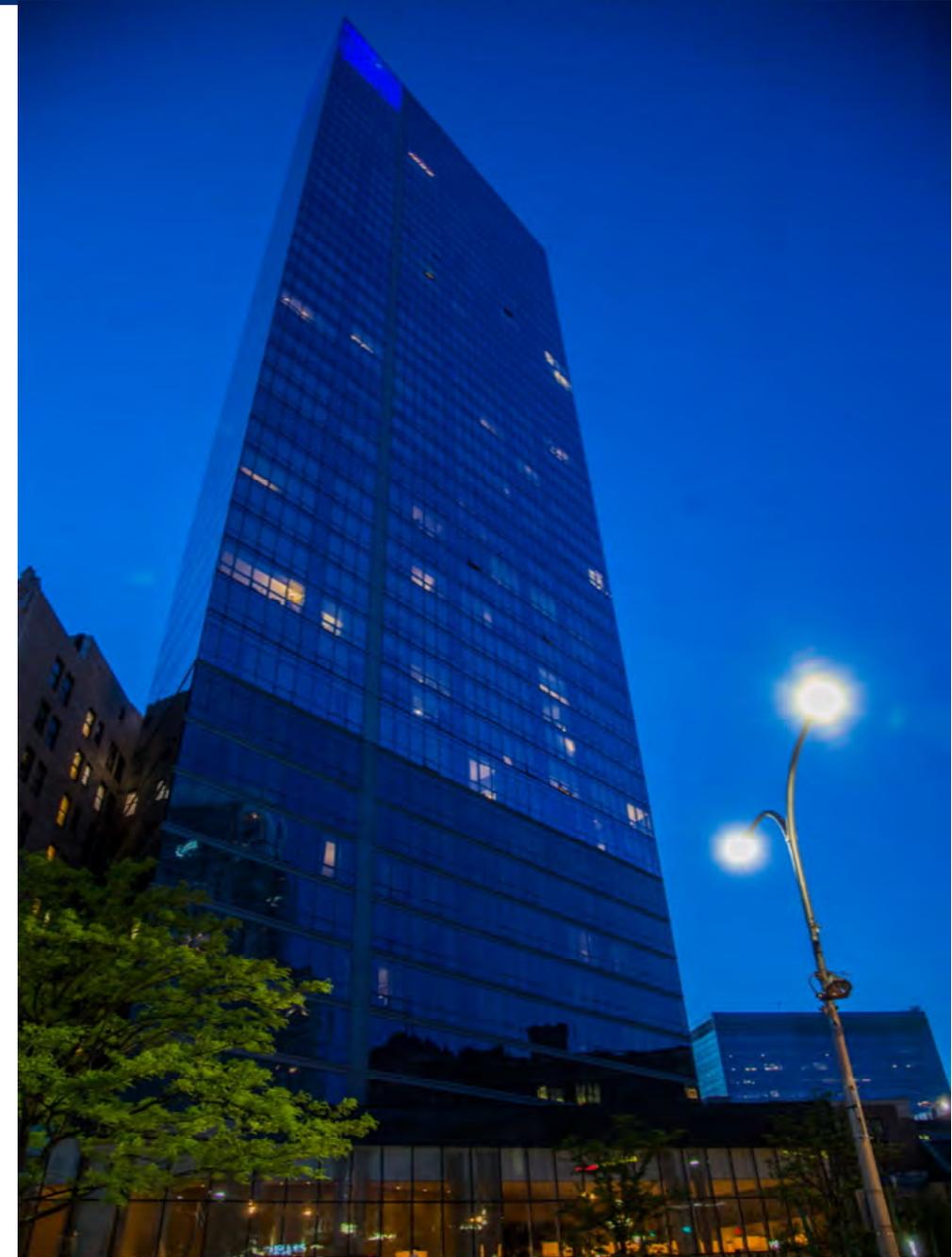
Engineering & Construction Management

New York Power Authority

August 31, 2020

Mission

“The principal responsibility of the **Engineering & Construction Management** group is to implement energy efficiency and clean energy programs that *benefit NYPA’s customers and New York State.*”





Engineering & Construction Management, Clean Energy Solutions *Background*

Engineering & Construction Management Organization

DOMINICK LUCE
Vice President
Engineering & Construction
Management



ROBERT BRADFORD
Director
Engineering & Design



SAM HE
Director
NYC Implementation

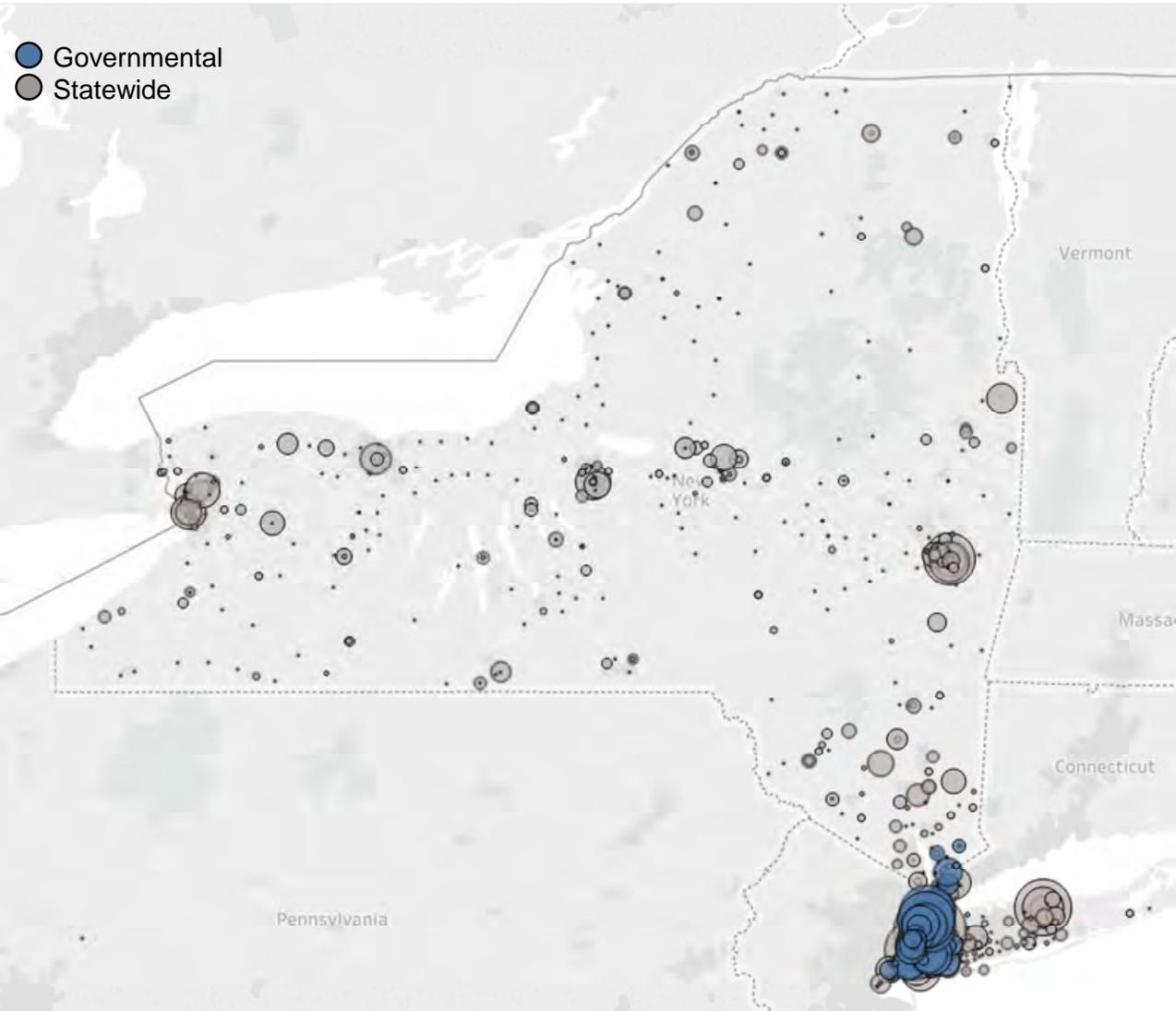


JOHN RAUDENBUSH
Director
SENY Implementation



RANDY SOLOMON
Director
Statewide Implementation

2020 Implementation Portfolio



\$2.1 Billion

\$1.01B In Development	\$1.09B In Construction
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Program Highlights



\$3.1 BILLION
Invested



**\$1.1 Billion in the
past 5 years*

Over 2,460
projects implemented



More than \$260
MILLION in annual savings



Nearly 812 MILLION Metric
Tons of GHG Reduction



*The equivalent of removing over
200,000 cars off the road annually*

SERVICES

- Facility Audits
- Building Energy Modeling
- Energy Master Plan
- Retro-Commissioning
- Engineering & Design
- Project Financing
- Equipment Procurement
- Construction Management
- Construction Trade Management
- Environmental Services
- Third Party Commissioning
- Special Inspections
- In-House Engineering & Design
- In-House Construction Management
- Savings Calculation Reviews
- Advanced Engineering / Scoping
- Troubleshooting
- Engineering Studies
- Design Review Support
- Issuance of Standards
- Emergency Support
- Estimating & Scheduling
- Special Projects
- Management of Primavera

Evolution of Technologies & Offerings

Watt Busters
Efficient lighting upgrades for our upstate customers



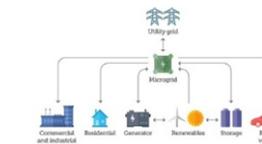
1990

Turnkey Implementation
Pumps, Motors, Boilers, Chillers & BMS



2000-2005

Expanded focus
Demand Control Ventilation, Wireless Controls, HVAC



2010-2015



Expanded focus
Exterior LED Lighting, Advanced Cooling Towers, Charging Stations, Design Build, ESPC, O&M Services, Disinfectant Technologies

1986



HELP Program
Efficient lighting upgrades for governmental customers in NYC & Westchester County

1990-2000



Renewables
Solar PV, Cogeneration, Wastewater

2005-2010



Expanded focus
Solar Thermal, Microgrid

2015-2020



Best in Class Implementation



Safety is job one



Quality design and construction



Digital project management history (Primavera)

Digital Solutions

Current



FaceTime

Live video meetings and spot checks



WebEx

Live recorded site walkthroughs



3-D Scans

Video recording or 3-D scans of existing spaces



Primavera

Upload link to the recordings

Future



Augmented Reality Glasses



Livestream Construction Cameras



360° Jobsite Walkdowns

NYPA & SUNY Brockport Case Study on E088



- Established in 1835
- Location: Brockport, NY
- Size of Main Campus: 264 acres with 78 Buildings
 - Total Enrollment: 8,243 students

A Long History of Collaboration

Project	Total Cost	Annual Savings (Energy & O&M)	Incremental Payback
Phase 1 (1992)	\$1,529,460	\$375,530	1.6 Years
Metro Center	\$460,437	\$11,662	7.9 Years
Phase 2	\$3,547,286	\$310,179	7.2 Years
Harrison Hall Chiller	\$144,852	\$2,872	10.1 Years
REOC	\$659,325	\$31,637	8.2 Years
Harrison Hall	\$6,524,469	\$78,606	15.4 Years
Phase 3A	\$6,645,662	\$376,584	7.6 Years
Phase 3B	\$5,775,902	\$80,486	13.4 Years
SERC	\$2,419,057	\$153,367	15.8 Years
Phase 4	\$4,186,142	\$527,607	6.9 Years
Phase 5	\$5,264,913	\$321,214	9.3 Years
Energy Master Plan	\$287,936	N/A	N/A
Phase 6	\$2,402,952	\$167,201	2.6 Years
Phase 6A	\$1,640,853	\$82,541	6.3 Years
Phase 7 (Closeout)	\$2,257,171	\$74,711	16.2 Years
Phase 8 (Closeout)	\$1,933,863	\$15,458	N/A
Total	\$45,680,280	\$2,609,655	8.4 Years

SUNY Brockport – Phase 4

15 Energy Efficiency Measures Including:

- Boiler Control Upgrades
- Building Automation System Control Upgrades
- 80kW Solar Installation



Total Project Cost
\$4.2 Million

Annual Cost Savings
\$527 Thousand

Incremental Payback
6.9 Years

SUNY Brockport – Phase 5

10 Energy Efficiency Measures Including:

- Ice Rink Lighting Upgrades
- High Efficiency Condensing Boiler Upgrades
- 50kW Solar Installation



Total Project Cost

\$5.2 Million

Annual Cost Savings

\$321 Thousand

Incremental Payback

9.3 Years

SUNY Brockport – Phase 6

Before: 12 Cast Iron Sectional Boilers



After: 12 High Efficiency Condensing Boilers



Total Project Cost
\$2.4 Million

Annual Cost Savings
\$167 Thousand

Incremental Payback
2.6 Years

SUNY Brockport – Phase 6A

- Control Compressor Upgrades
- Data Center HVAC Upgrades
- AHU and VAV Upgrades



Total Project Cost
\$1.6 Million

Annual Cost Savings
\$83 Thousand

Incremental Payback
6.3 Years

CANALS CORPORATION PROJECTS

Matthew J. Lengel, MBA, PE Director of Asset Management & Inspection

Angelyn Chandler, VP Planning
Strategic Planning Empire Line



Canal Corporation Projects

Matt Lengel - Asset Management & Inspection

**NYPA & Canals 2020 Virtual Supplier Diversity
Outreach Event – Western NYS Region**

NYS Canals and Reservoirs



NYS Canals, Reservoirs, and Canalway Trail





Innovation and the NYS Canal System Past, Present, and Future

An aerial photograph of a canal lock system. The lock is a long, narrow concrete channel with a central divider. Several kayakers in colorful kayaks are navigating the lock. The water is a deep blue, and the surrounding landscape is lush green with trees. The sky is a mix of blue and grey clouds. The title 'Reimagine the Canals' is overlaid in large white text, with a white wave graphic underlining the word 'Canals'.

Reimagine the Canals

Angelyn Chandler

Vice President, Planning

Reimagine the Canals

REIMAGINE THE CANALS

Governor Cuomo announced a proposal to Reimagine the Canal

- Governor Cuomo recommended that the New York Power Authority approve a \$300 million investment over the next five years to build on the Task Force's findings:
 - \$100 million in economic development funding will be invested in adaptive reuse of canal infrastructure in communities along the Canal
 - \$65 million investment in solutions that will help prevent ice jams and related flooding in the Schenectady area
 - \$135 million in funding will subsequently be allocated to enhance irrigation and fishing opportunities, as well as pursue research recommended by the Task Force on solutions related to flood mitigation, invasive species prevention, and ecosystem restoration

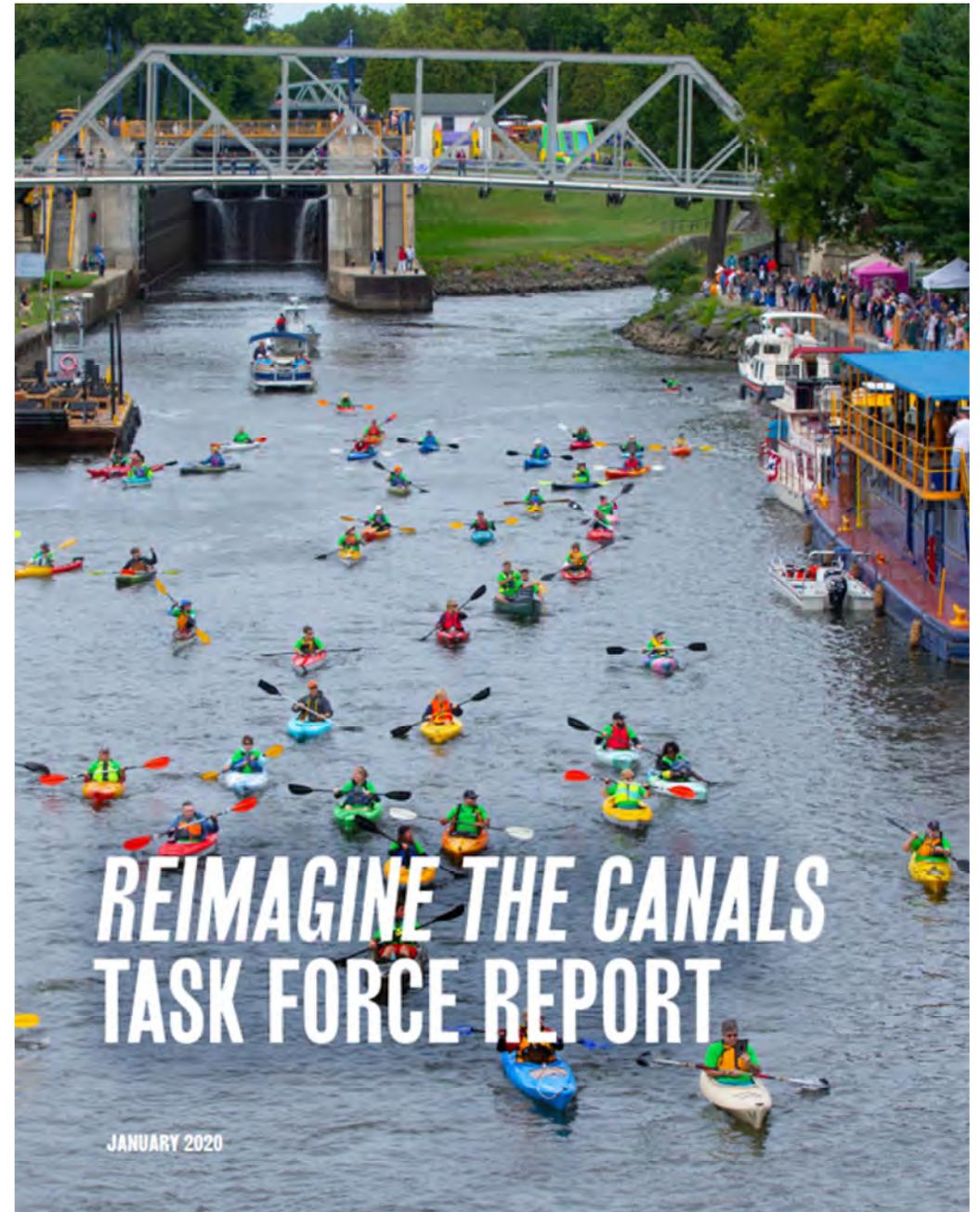


A screenshot of a news article from the Governor's website. The header includes navigation links: GOVERNOR ANDREW M. CUOMO, PRESSROOM, SCHEDULE, EXECUTIVE ORDERS, PRIORITIES, LEGISLATION, ABOUT, and CONTACT. The article is dated JANUARY 6, 2020 | Albany, NY. The main headline reads: "Governor Cuomo Announces 29th Proposal of the 2020 State of the State: \$300 Million Plan to Reimagine the Iconic Erie Canal". Below the headline are three tags: 2020 STATE OF THE STATE, TOURISM, and ECONOMIC DEVELOPMENT. The background image shows a park-like setting with a bridge and people walking. At the bottom right, there are social media sharing icons for SHARE, email, Facebook, and Twitter.

REIMAGINE THE CANALS

Task Force report

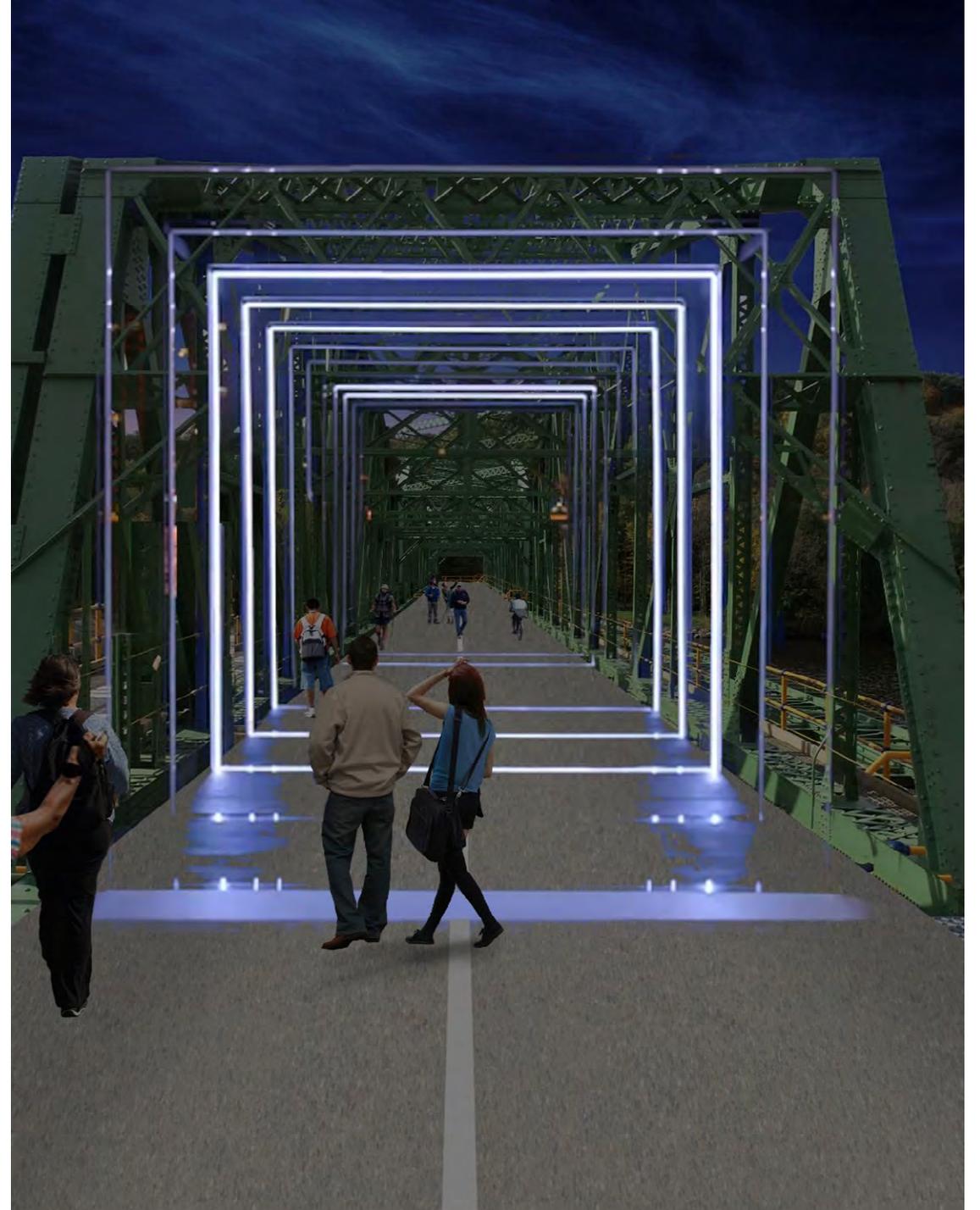
- The Task Force set out to:
 - identify potential new uses for the Erie Canal and its infrastructure
 - evaluate how the Erie Canal can support and enhance economic development
 - identify new opportunities to enhance recreation and tourism and connect to the Empire State Trail
 - assess how the Erie Canal can help mitigate impacts from flooding and ice jams to improve environmental resiliency
 - discover opportunities for using Canal infrastructure to expand irrigation and recreational fishing
 - explore restoring wetlands and combatting invasive species
- The 31-person Task Force engaged with municipal leaders, stakeholders, local business owners, community members, scientists and other experts
- The Task Force's findings were released in [a report](#) on January 6, 2020



ECONOMIC DEVELOPMENT

New economic development funding to invest in Canal communities

- \$100M in economic development funding will be used to support adaptive reuse projects that:
 - connect canalside communities to the Governor's Empire State Trail
 - celebrate historic Canal structures
 - expand water recreation
 - adapt industrial property for new uses
 - develop unique canalside attractions, activities, and accommodations
- Initially, \$25M of the above funding will be allocated to a specific set of initial projects



DESIGN OPEN HOUSE

Goals for the Reimagine the Canals Capital Program

- Make New York State designers aware of the Reimagine program and opportunities
- Economic development / grow jobs—including design, engineering, construction
- Highlight and support upstate design talent and innovation
- Be responsive to and supportive of local communities
- Provide opportunities to New York State firms of all sizes
- Encourage partnerships between smaller firms and larger firms (might be helpful to satisfy MWBE goals)

ECONOMIC DEVELOPMENT

Brockport Loop Bridge

The "Brockport Loop" in Monroe County will connect SUNY College at Brockport to the Empire State Trail and the village of Brockport through the transformation of a canal guard-gate into a pedestrian bridge and overlook.



ECONOMIC DEVELOPMENT

Iconic Lighting—multiple sites

Illumination of Canal infrastructure that will celebrate the Canal's heritage and its history as an engineering marvel.



ECONOMIC DEVELOPMENT

Whitewater destination near Seneca Falls

A new whitewater destination, at the north end of Cayuga Lake near Seneca Falls, will rely on existing water control infrastructure to construct an active water sports course adjacent to the Montezuma National Wildlife Refuge, to increase eco-tourism and sport visitors to the region.



ECONOMIC DEVELOPMENT

Guy Park Manor hospitality destination in Amsterdam

The historic Guy Park Manor, on the Mohawk River in Amsterdam, will be reborn as a hospitality destination. On the opposite side of the river, additional overnight accommodation along the Empire State Trail will be connected to the site via a new pedestrian bridge over the existing Canal lock and movable dam.



ECONOMIC DEVELOPMENT

Canalside Pocket Neighborhood in Canastota

Winner of the *Reimagine the Canals* competition, a canalside pocket neighborhood will be developed by Madison County in Central New York at a former industrial property in Canastota along the Old Erie Canal - demonstrating a new model for 21st century canalside living.



RESILIENCY IMPROVEMENTS

Mitigate chronic winter and summer flooding in the Mohawk River Valley

- Initial allocation of \$65M to:
 - prevent ice jam formation (ice breakers/dredging)
 - better alert communities to potential flooding
 - mitigate summer flooding and ice jams around Schenectady and Scotia by retrofitting Vischer Ferry Dam
- Further studies on reducing flood vulnerability recommended by Task Force



IMPROVED IRRIGATION

Irrigation to protect against drought in Western New York

- Establish an irrigation district to ensure farmers have reliable access to water during summer growing season
- Modernize canal outflow infrastructure to better respond to changing weather conditions
- Create a new grant program through NYS Department of Agriculture and Markets to encourage private sector investment in irrigation infrastructure

WORLD-CLASS FISHING

Create world-class fishing in Western New York

- **Manage water releases from the Canal to:**
 - enhance fish habitat
 - improve angling opportunities
 - extend fishing season in Lake Ontario tributaries
- **Expand public fishing access along key streams in Orleans, Monroe, and Niagara counties**

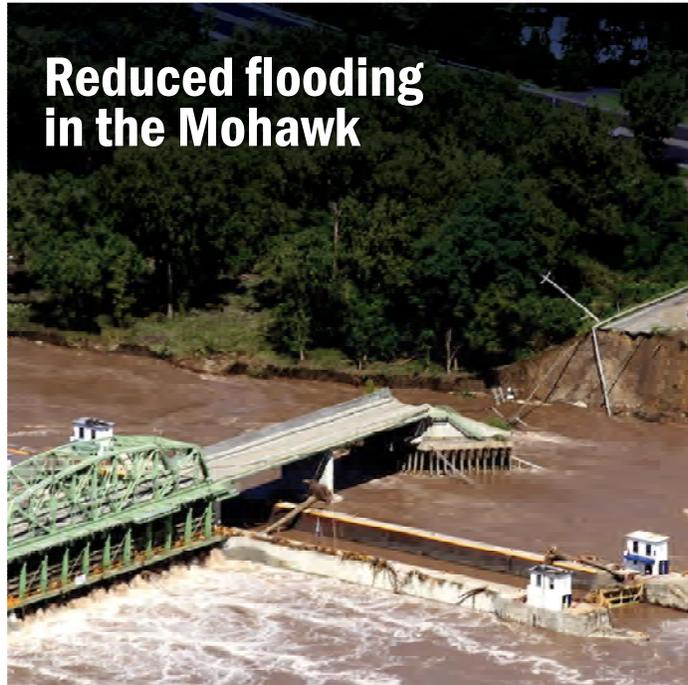
RESTORED WETLANDS

Restore and re-nourish wetlands in Central New York

- Divert Canal water to restore wetlands
- Support migratory bird habitats near the Montezuma National Wildlife Refuge to further attract naturalists, locals, and visitors to the region

REIMAGINE THE CANALS

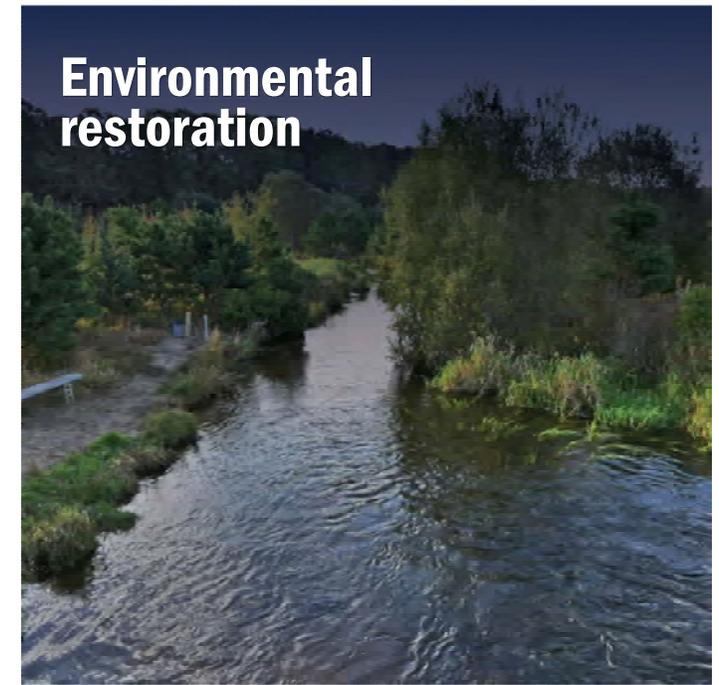
Additional ideas raised for further study



- Identify water control interventions to reduce flooding from summer storms and winter ice jams



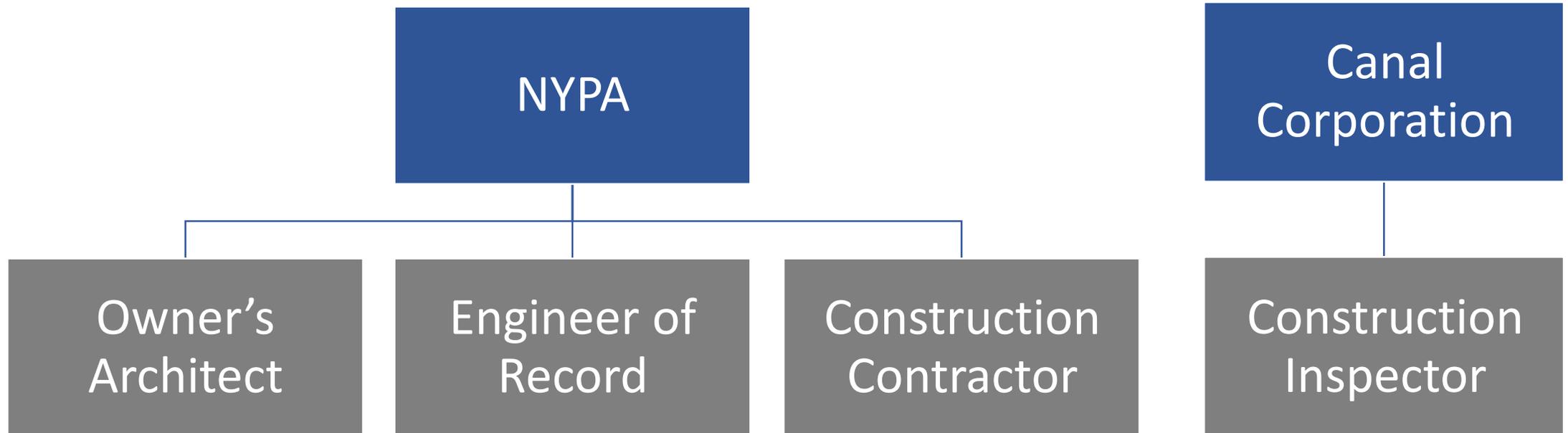
- Create aquatic invasive species barriers to prevent invasive species from further colonizing NYS waters



- Manage the waterway to restore the environment and rebalance a compromised ecosystem

REIMAGINE THE CANALS

Contracting strategy for Brockport Loop Bridge



- Opportunities:
 - Owner's Architect (N/A--short-listed competitive)
 - Engineer of Record (open competitive)
 - Construction Contractor (open competitive)
 - Construction Inspector (existing value contracts)

REIMAGINE THE CANALS

Contracting strategy for Iconic Lighting



- Opportunities:
 - Planner (N/A)
 - Design-Build Implementation Contractor (existing value contracts)
 - Construction Inspector (existing value contracts)

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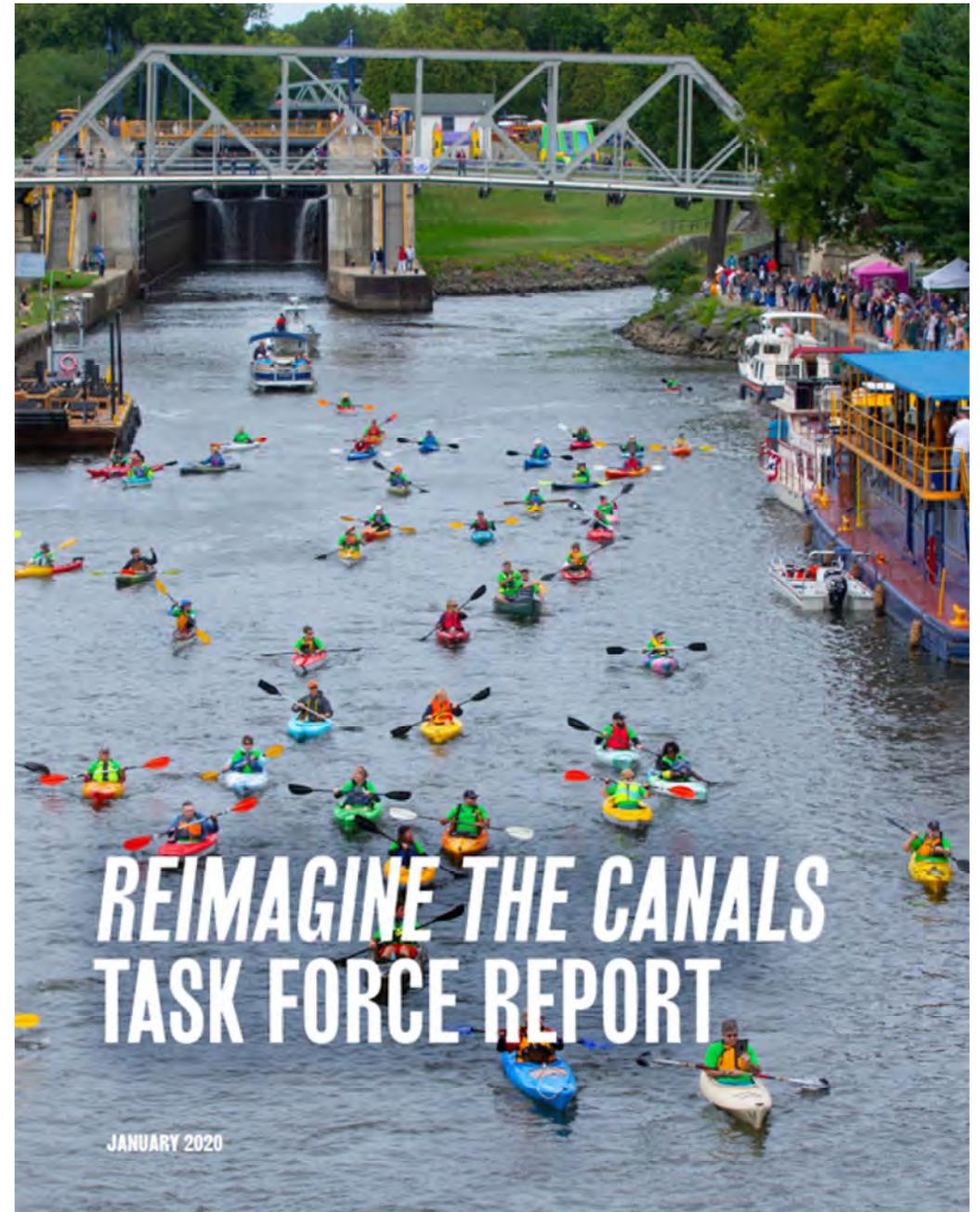
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REIMAGINE THE CANALS

Task Force report

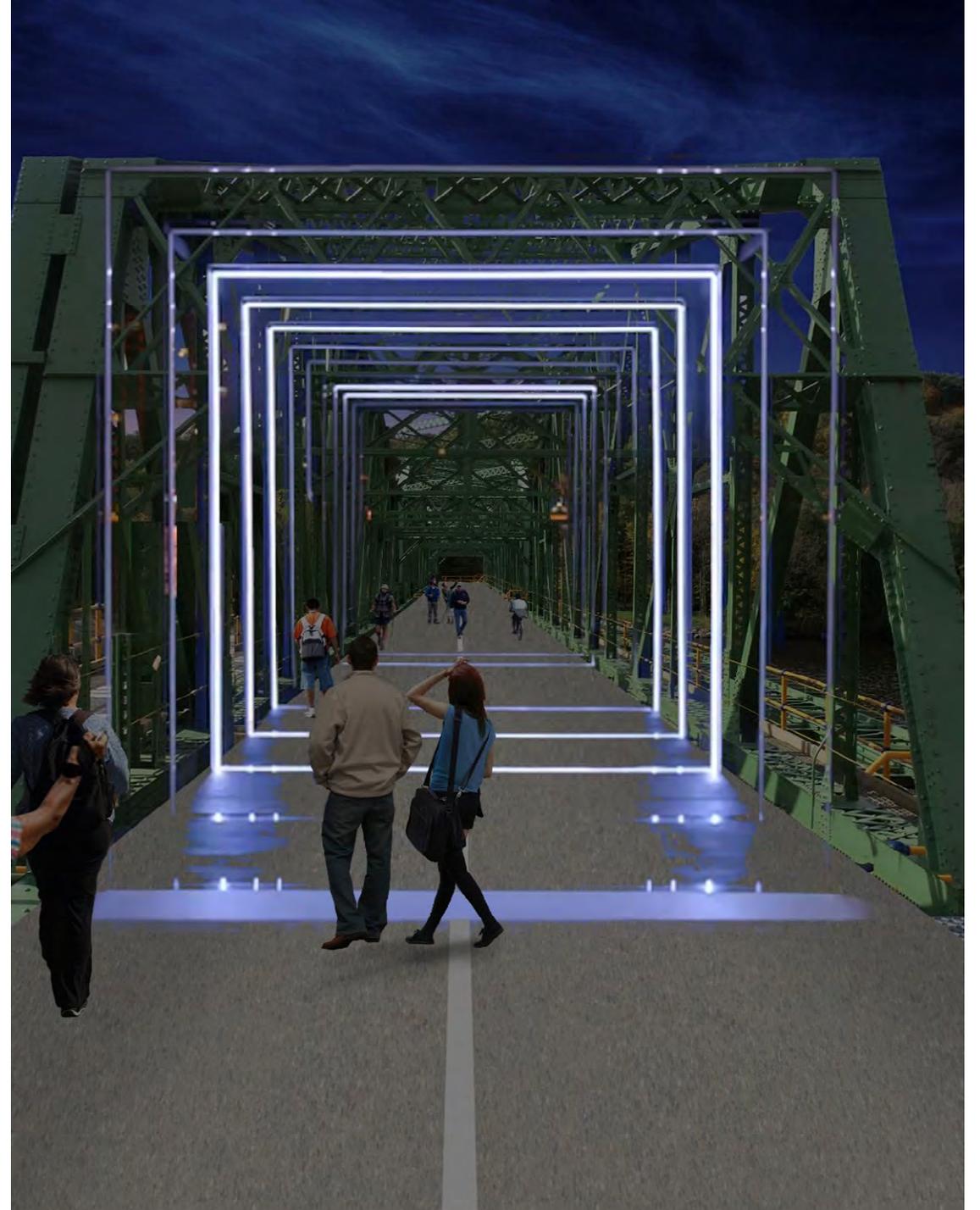
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Canalside Pocket Neighborhood in Canastota

Winner of the *Reimagine the Canals* competition, a canalside pocket neighborhood will be developed by Madison County in Central New York at a former industrial property in Canastota along the Old Erie Canal - demonstrating a new model for 21st century canalside living.

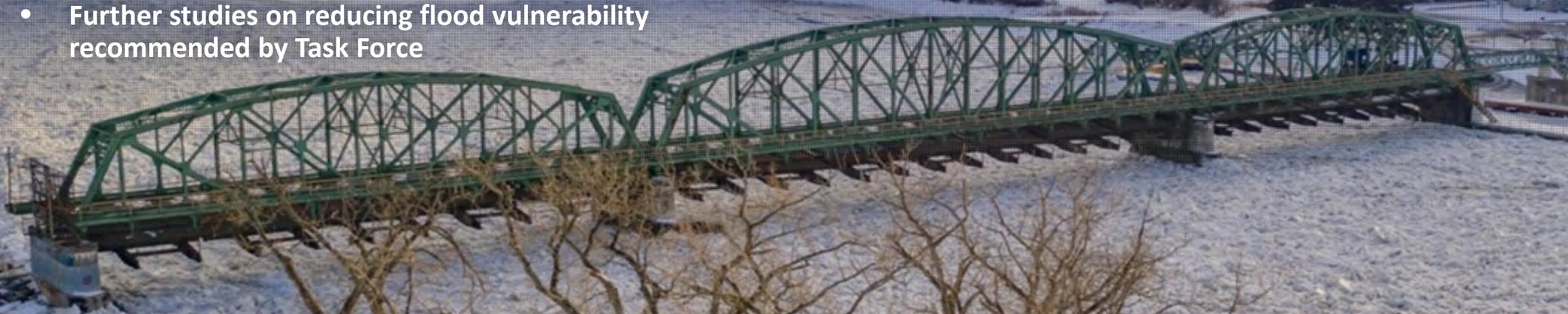


Reimagine
the Canals

RESILIENCY IMPROVEMENTS

Mitigate chronic winter and summer flooding in the Mohawk River Valley

- Initial allocation of \$65M to:
 - prevent ice jam formation (ice breakers/dredging)
 - better alert communities to potential flooding
 - mitigate summer flooding and ice jams around Schenectady and Scotia by retrofitting Vischer Ferry Dam
- Further studies on reducing flood vulnerability recommended by Task Force



IMPROVED IRRIGATION

Irrigation to protect against drought in Western New York

- Establish an irrigation district to ensure farmers have reliable access to water during summer growing season
- Modernize canal outflow infrastructure to better respond to changing weather conditions
- Create a new grant program through NYS Department of Agriculture and Markets to encourage private sector investment in irrigation infrastructure

WORLD-CLASS FISHING

Create world-class fishing in Western New York

- **Manage water releases from the Canal to:**
 - **enhance fish habitat**
 - **improve angling opportunities**
 - **extend fishing season in Lake Ontario tributaries**
- **Expand public fishing access along key streams in Orleans, Monroe, and Niagara counties**

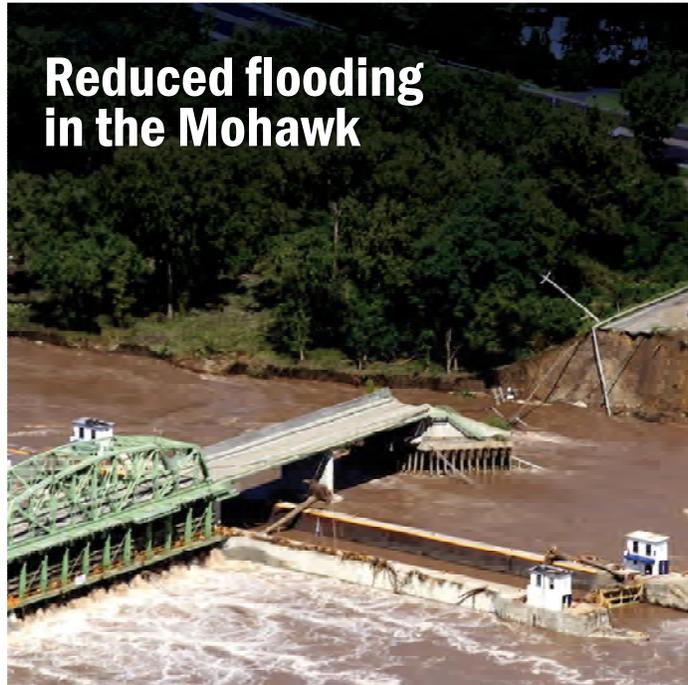
RESTORED WETLANDS

Restore and re-nourish wetlands in Central New York

- **Divert Canal water to restore wetlands**
- **Support migratory bird habitats near the Montezuma National Wildlife Refuge to further attract naturalists, locals, and visitors to the region**

REIMAGINE THE CANALS

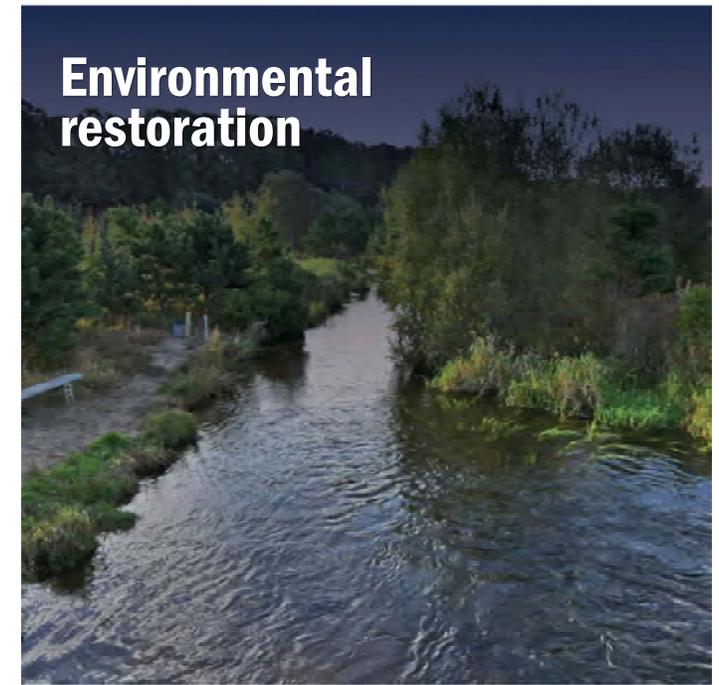
Additional ideas raised for further study



- Identify water control interventions to reduce flooding from summer storms and winter ice jams



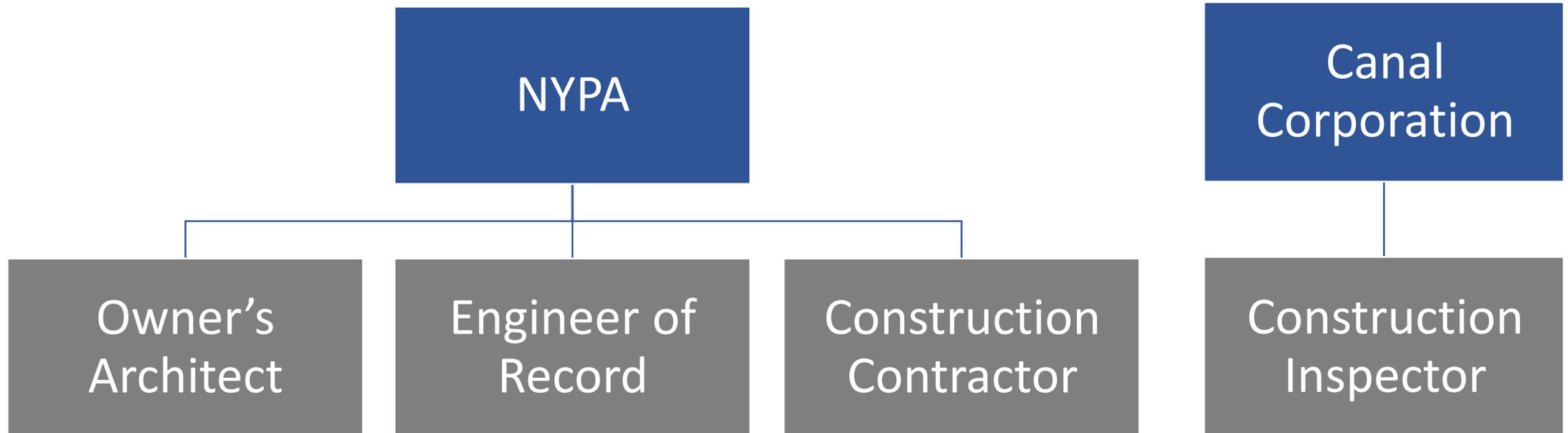
- Create aquatic invasive species barriers to prevent invasive species from further colonizing NYS waters



- Manage the waterway to restore the environment and rebalance a compromised ecosystem

REIMAGINE THE CANALS

Contracting strategy for Brockport Loop Bridge



- Opportunities:
 - Owner's Architect (N/A--short-listed competitive)
 - Engineer of Record (open competitive)
 - Construction Contractor (open competitive)
 - Construction Inspector (existing value contracts)

REIMAGINE THE CANALS

Contracting strategy for Iconic Lighting



- Opportunities:
 - Planner (N/A)
 - Design-Build Implementation Contractor (existing value contracts)
 - Construction Inspector (existing value contracts)

SUPPLIER RELATIONSHIP MANAGEMENT

Eric Alemany, Director of Supplier Relationship Management

Breakout Session I

Ariba Platform and Vendor Management

This presentation will provide your company with instructions on how to become an approved NYPA Ariba Vendor as well as access our bidding content via our nypa.gov procurement console.

Insurance

Overview of NYPA Insurance Information and Owner Controlled Insurance Program (OCIP).

Breakout Session II

Supplier Diversity

Opportunities to Improve the Economic Growth of current and future NYPA and Canal Diverse Suppliers. Doing Business with NYPA and Canal Corporation.

Sustainability

Chris Peterson from the Electric Utility Industry Sustainable Supply Chain Alliance and Alex Leader from NYPA's Sustainability Department will discuss the business value, social impacts, and environmental benefits of suppliers and purchasers working together on sustainable supply chain solutions. Learn about specific programs and opportunities that are in development by NYPA's Sustainability and Strategic Supply Management Departments that affect our suppliers" (or a variation of that if it makes sense to exclude our names

Meet the Procurement Team

Frequently Asked Questions.

- **Lindsay Hayden**
Senior Site Buyer Purchasing
- **Grant Johnston**
Senior Site Buyer Purchasing
- **Timothy Kloiber**
Senior Site Buyer Transactional
Procurement

- **Sean Rooney**
Strategic Buyer II
- **John McNamara**
Category Manager



**NY Power
Authority**

Links to Breakout Sessions