Teaming Up with Traylor-Shea
Following approval by its Board of Directors, AlexRenew awarded a $454.4 million contract to a joint venture of Traylor Bros., Inc., and J.F. Shea Co. to finalize the design of and construct the RiverRenew Tunnel System (Project). Traylor-Shea brings direct, local experience to RiverRenew and an extensive history of working together on similar tunnel projects in the United States. AlexRenew is excited to partner with Traylor-Shea to deliver the largest infrastructure project in Alexandria’s history!
Visit RiverRenew.com/design-build-contract to learn more.

RiverRenew Program Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Upcoming Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/2020</td>
<td>Building J Demolition</td>
</tr>
<tr>
<td>12/2020</td>
<td>Jones Point Park Site Investigations</td>
</tr>
<tr>
<td>12/2020</td>
<td>Anticipated Notice to Proceed for Tunnel System Project</td>
</tr>
<tr>
<td>12/2020</td>
<td>Final Completion of 108 to 116 MGD Expansion Project</td>
</tr>
<tr>
<td>12/2020</td>
<td>Selection of Stakeholder Advisory Group</td>
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</tbody>
</table>

SUMMARY OF MAJOR PERMITTING DELAYS

<table>
<thead>
<tr>
<th>Issue</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Government Shutdown 2019-2020</td>
<td>Delayed Environmental Assessment issuance by 2 months</td>
</tr>
<tr>
<td>Requirement for Programmatic Agreement Condition</td>
<td>Delayed Finding of No Significant Impact issuance by 9 months</td>
</tr>
<tr>
<td>Review Progress Hampered by COVID-19</td>
<td>Delayed National Park Service and United States Army Corps of Engineers permits by 7 months</td>
</tr>
</tbody>
</table>
The RiverRenew Tunnel System Project

Progress to Date

Major Permit Status
- U.S. Army Corps of Engineers Nationwide Permit #7 for Waterfront Tunnel issued November 2020
- U.S. Army Corps of Engineers Nationwide Permit #12 for Hooffs Run Interceptor issued October 2020
- National Park Service Archeological Resources Protection Act Permit for pre-construction investigations issued October 2020

Easement Agreement Status
Remaining Easements:
- Two private properties – permanent subterranean easement

Funding Status
- $25 million grant appropriated by the Virginia General Assembly in April 2019
- Received preliminary approvals from the Virginia Clean Water Revolving Loan Fund (VCWRLF) and the Water Infrastructure Finance and Innovation Act (WIFIA)

Site Investigation Status
- 96 soil borings completed
- 12,786 linear feet drilled
- 2,221 geotechnical soil samples collected
- 100 environmental soil samples collected
- 31 groundwater monitoring wells installed
- 15 environmental groundwater samples collected

Procurement Status

June 2019
Request for Qualifications Issued

Oct. 2019
Shortlist

Feb. 2020
Request for Proposals Issued

Jul. 2020
Last Addendum Issued

Sep. 2020
Proposals Submitted

Nov. 2020
AlexRenew Board Approval

Dec. 2020
Notice to Proceed

Current Status
RiverRenew Tunnel System Project Components

The completed tunnel system will connect to four outfalls across the city and will prevent about 130 million gallons of combined sewage from entering our waterways each year. At Outfalls 001 and 002, below-ground diversion facilities will direct combined sewer flows into the Waterfront Tunnel. Outfalls 003 and 004 will be served by the Hooffs Run Interceptor, an open-cut pipeline.

Legend
- Existing combined sewer outfall
- Waterfront Tunnel
- Hooffs Run Interceptor

### Outfall 001 Diversion Facility
- Construction: Spring 2021-Winter 2024

### Outfall 002 Diversion Facility
- Construction: Spring 2021-Summer 2024

### Hooffs Run Interceptor
- Construction: Spring 2021-Fall 2024

### Tunnel Dewatering and Wet Weather Pumping Station

### Tunnel Boring Machine

### Diversion Facility

### Map:
- Legend indicating existing combined sewer outfalls, Waterfront Tunnel, and Hooffs Run Interceptor.
- Diagram showing the tunnel system connecting to various outfalls across the city.
Current Construction Project Status
Three projects are currently underway at AlexRenew’s Water Resource Recovery Facility (WRRF) to pave the way for the Tunnel System Project.

108 to 116 MGD Expansion
Increases primary pumping capacity to 116 MGD in preparation for the Tunnel System Project.

Vendor: ACE
Contract Amount: $2,665,000
Construction Finish Date: December 2020
Latest Project Updates:
• Final completion anticipated December 2020

Building J Facilities Relocation and Decommissioning
Relocation of laboratory and locker rooms and demolition of former administrative building to provide space to build the Tunnel System Project.

Vendor: Clark Construction
Contract Amount: $19,409,800
Construction Finish Date: April 2021
Latest Project Updates:
• New Control Room completed
• New AlexRenew phone number (703-721-3500) and service provider
• Building J utilities disconnected
• Building J demolition started and anticipated for completion in January 2021

WRRF Site Security and Access
Upgrades to existing access points and security systems at WRRF in preparation for increased campus activity for the Tunnel System Project.

Vendor: Sorensen Gross Company
Contract Amount: $1,527,000
Construction Finish Date: September 2020
Latest Project Updates:
• Finalizing punchlist items
RiverRenew Program Costs to Date

Project Costs to Date

RiverRenew Spend-to-Date by Locality

Total = 47 vendors to date

RiverRenew Cash Flow Analysis

Current Planned Projection:
- **Total Program Spend to Date**
- **Anticipated Projection Based on Tunnel System Project Award**

*Spending plan based on post-addendum opinion of probable cost (August 2020)*
RiverRenew Community Outreach

**Education**

Education initiatives are intended to engage audiences of all ages and help them learn more about RiverRenew and its technical components.

**Highlights:**
- A series of construction progress highlights featuring photo slideshows and additions to existing program updates

**Community Meetings**

Community meetings are the presentations given to various stakeholder groups, including the SAG, and community listening sessions. These presentations can be delivered in person or virtually.

**Highlights:**
- SAG applications closed November 6

**Community Days**

Community Days feature project-specific events to celebrate construction progress on the Tunnel System Project and engage the community along the way.

**Digital Programming**

Digital programming keeps the community connected to RiverRenew, with regular program updates on RiverRenew.com, featured content on AlexRenew’s social media pages during “Tunnel Takeover Tuesdays,” and distribution of *The River Renewer*, a quarterly newsletter promoting updates and milestones to more than 450 contacts.

**Highlights:**
- A video and program update celebrating the completion of the 108 to 116 MGD Expansion Project
- Press release and announcements on selection of Traylor-Shea to design and build the Tunnel System Project

**Community Events**

Participating in or co-sponsoring community events strengthens AlexRenew’s relationship with its water and community partners.

**Looking Ahead:**
- Carlyle Council Holiday Festivities: 12/1/20-12/6/20
- Eisenhower Partnership Gala: 12/10/20

**Highlights:**
- AlexRenew’s Artist-In-Residence sTo Len’s “Renewal” on display at the Torpedo Factory: 10/3/20-12/27/20
Monthly Construction Spotlight

Robinson Terminal North Demolition Complete!

AlexRenew and its construction partners Clark and ACECO completed the demolition of the Robinson Terminal North Warehouse on November 30, 2020. It took five days to demolish the warehouse and organize the scrap material on site. Hauling of the 1,400 tons of material off site took another five days, using approximately 70 trucks. Remaining activities include the installation of a security fence around the perimeter of the site.

This work was completed with minimal disruption to the community, and the area is now ready for the construction of RiverRenew facilities to capture millions of gallons of combined sewage that currently pollute the Potomac River each year. This follow-on work is not anticipated to start until mid-2021. Stay tuned at RiverRenew.com for upcoming activities at Outfall 001!

Solving a Century-Old Problem with RiverRenew

Click here to watch an animated video about RiverRenew and learn how the Waterfront Tunnel will be constructed.

To learn more, visit www.RiverRenew.com

RiverRenew is a program owned and implemented by AlexRenew, Alexandria’s wastewater treatment provider.