

SCUDDER FALLS BRIDGE

REPLACEMENT
PROJECT





SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

Construction Progress Photos

March – April 2018



SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

PENNSYLVANIA APPROACH



PA Approach Median Barrier



PA Approach Median Barrier

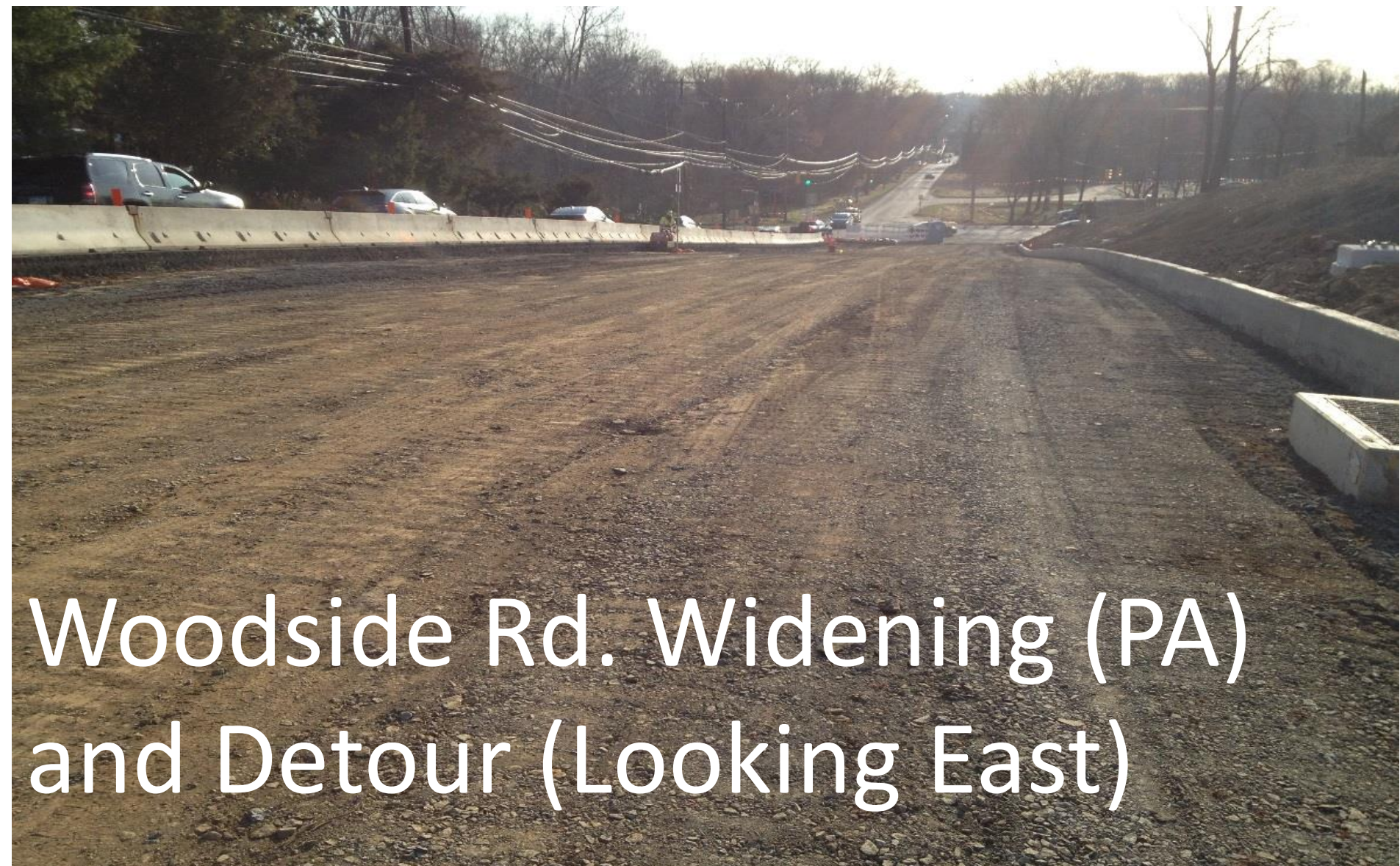


PA Approach Median Barrier (Looking West)





Woodside Rd. Widening (PA)
and Detour (Looking West)





Taylorsville Road (PA) Widening (Looking South)





SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

Bridge Monitor/
AET Building Site





Building Perimeter Retaining Wall Excavation

A photograph of a construction site for a culvert extension. In the foreground, a large, dark, corrugated metal culvert pipe lies horizontally on the ground. Behind it, a deep excavation has been made into a hillside, revealing a network of pipes and structural supports. A yellow CAT excavator is visible on the right side of the site. The background shows a line of bare trees under an overcast sky.

72-inch Culvert Extension (Upstream End)



A wide-angle photograph of a construction site for a bridge replacement. In the foreground, a muddy river flows through a cleared area. The middle ground shows a large excavation pit with a yellow excavator and a concrete structure under construction. The background features a road with cars and a line of trees.

Existing Delaware River Tributary

A large-scale construction site for the Scudder Falls Bridge Replacement Project. In the foreground, a yellow excavator is positioned on a muddy bank, its bucket resting on the ground. A large, dark, corrugated metal pipe is being laid across a muddy area. In the background, a bridge with multiple concrete piers is under construction, with a crane visible on the left side. The sky is overcast, and the overall scene is one of active construction work.

Existing Delaware River Tributary





SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

MAIN RIVER BRIDGE

Supports & Superstructure – Abutment 2 (NJ) to Pier 5



A large-scale construction project for the Scudder Falls Bridge replacement. The image shows the intricate steel framework of the bridge's superstructure, with heavy beams and cross-frames. Two workers in safety gear are visible on a lift platform within the steel structure. Below the bridge, the concrete piers and arches of the existing infrastructure are visible, situated over a body of water. Two yellow JLG lift trucks are parked on the ground near the water's edge. The sky is blue with scattered white clouds.

Superstructure Cross Framing

A wide-angle photograph of a bridge under construction. The bridge deck is made of dark steel beams, and the sides are lined with tall, rust-colored corrugated metal sheet piling. A road on the left has a guardrail and a green 'ONE WAY' sign pointing west. In the background, two large yellow cranes are visible against a blue sky with scattered clouds. The water of the river is visible between the bridge sections.

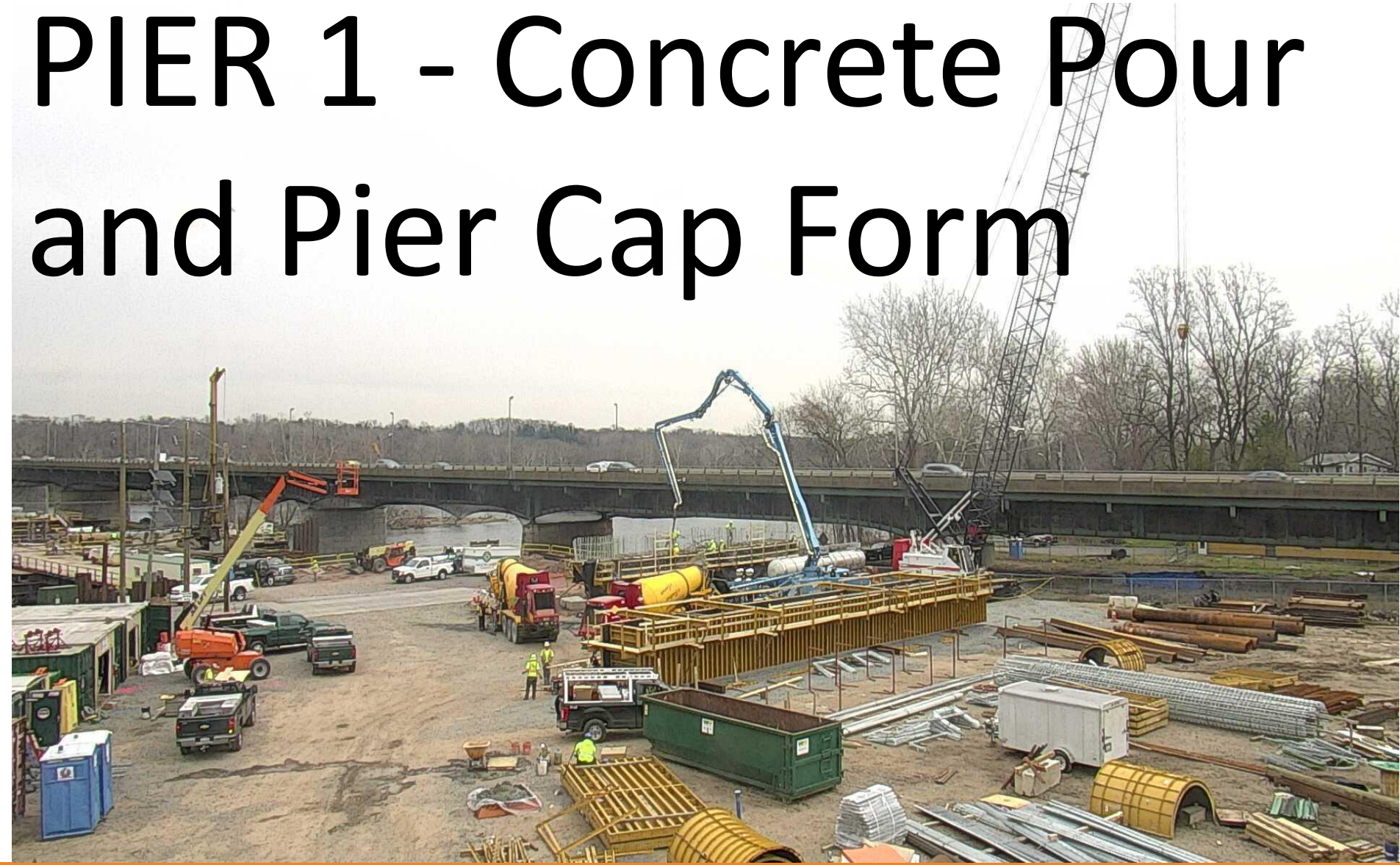
Roadway View Looking West





PIER 1 Reinforcing Steel and Formwork

PIER 1 - Concrete Pour and Pier Cap Form



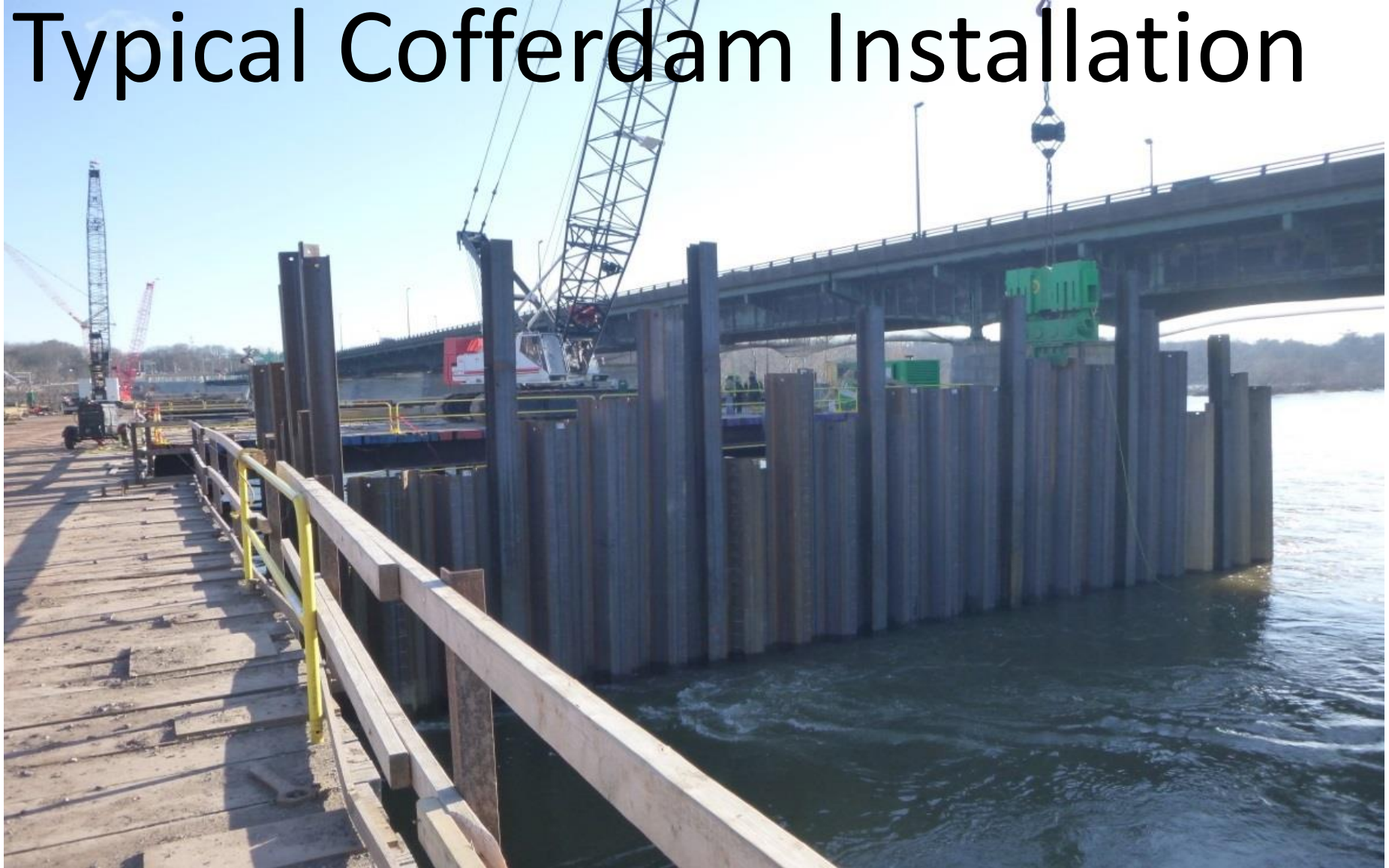


SCUDDER FALLS BRIDGE REPLACEMENT PROJECT


In-Water Work Moratorium March 15th to June 30th:

- No River-bottom disturbance Allowed.
- All Causeway supports have been installed.
- Piers 2, 3 and 4 Cofferdams installed.
- Complete Removal of NJ Causeway.

Typical Cofferdam Installation







PIER 2 – Drilled Shaft Foundations

Drilled Shaft Operation



PIER 2 – Drilled Shaft Foundation Concrete Pour



PIER 3 – Cofferdam Excavation



PIER 4 – Cofferdam Excavation



PIER 4 – Cofferdam Mud Slab Placement



PIER 4 – Cofferdam

Preparation for Drilled Shafts



Cofferdam Dewatering



Cofferdam Dewatering





SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

NEW JERSEY

I-95 NB Access Ramp Pier 1 & Abutment 1







I-95 NB Access Ramp Temporary Girder Supports

I-95 NB Entrance Ramp Girder Erection







Abutment and Pier Bearings



I-95 SB Exit Ramp Substructures



I-95 SB Exit Ramp Pier Concrete Pour



NJ Noise Wall Foundations



NJ Noise Wall Foundations

