

Rendering of Preliminary Preferred Alternative



Scan the QR Code Above for a Virtual 3D View of the Proposed Bridge



Pedestrian Bridge over Route 440 at 34th Street

TYLin

General Plan, Elevation and Section

BRIDGE FEATURES

- ▶ Single span, covered, pre-fabricated steel truss bridge.
- ▶ Fully enclosed stairs and elevator building at east landing.
- ▶ Sidewalk at east landing connects to existing sidewalk on Goldsborough Dr. and at Port Terminal Blvd.
- ▶ Proposed bridge connects directly to existing Light Rail station bridge.
- ▶ Chain-link fencing provided on bridge over roadway.
- ▶ 22'-10" clearance provided over roadway.
- ▶ 12'-0" wide bridge opening provides safe accommodation for bicyclists and pedestrians.

BENEFITS

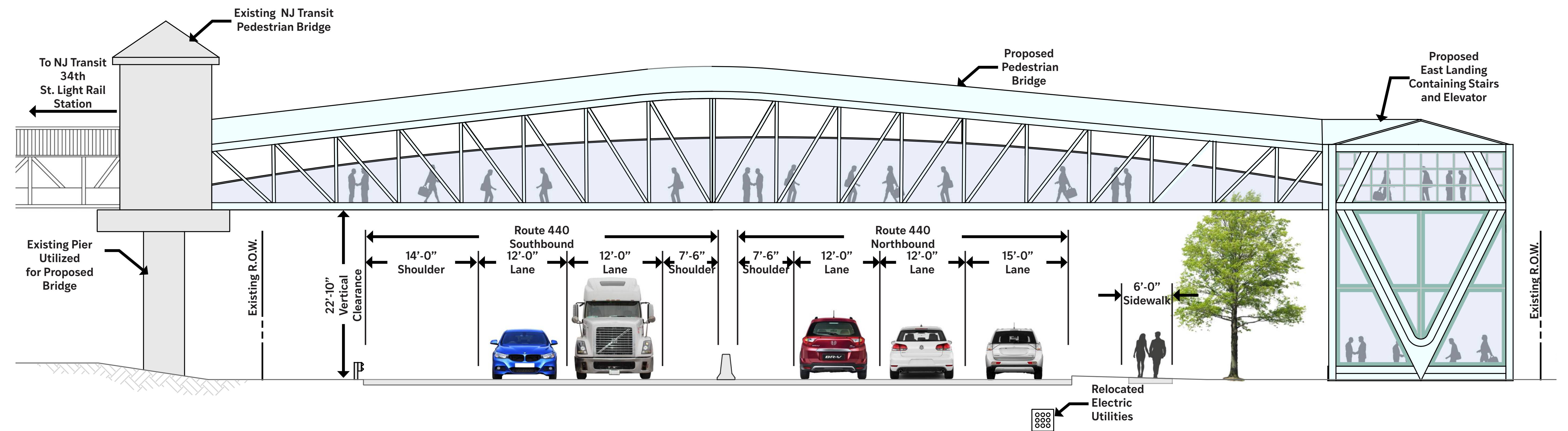
- ▶ Above-ground pedestrian bridge provides safest method for crossing Rt. 440.
- ▶ Connection to existing pedestrian bridge provides direct access to and from the 34th St. Light Rail Station.
- ▶ Stair and elevator system provides access compliant with the Americans with Disabilities Act (ADA).
- ▶ Future traffic at the Rt. 440 and Goldsborough Dr. intersection will not be impacted.

CONSTRUCTABILITY

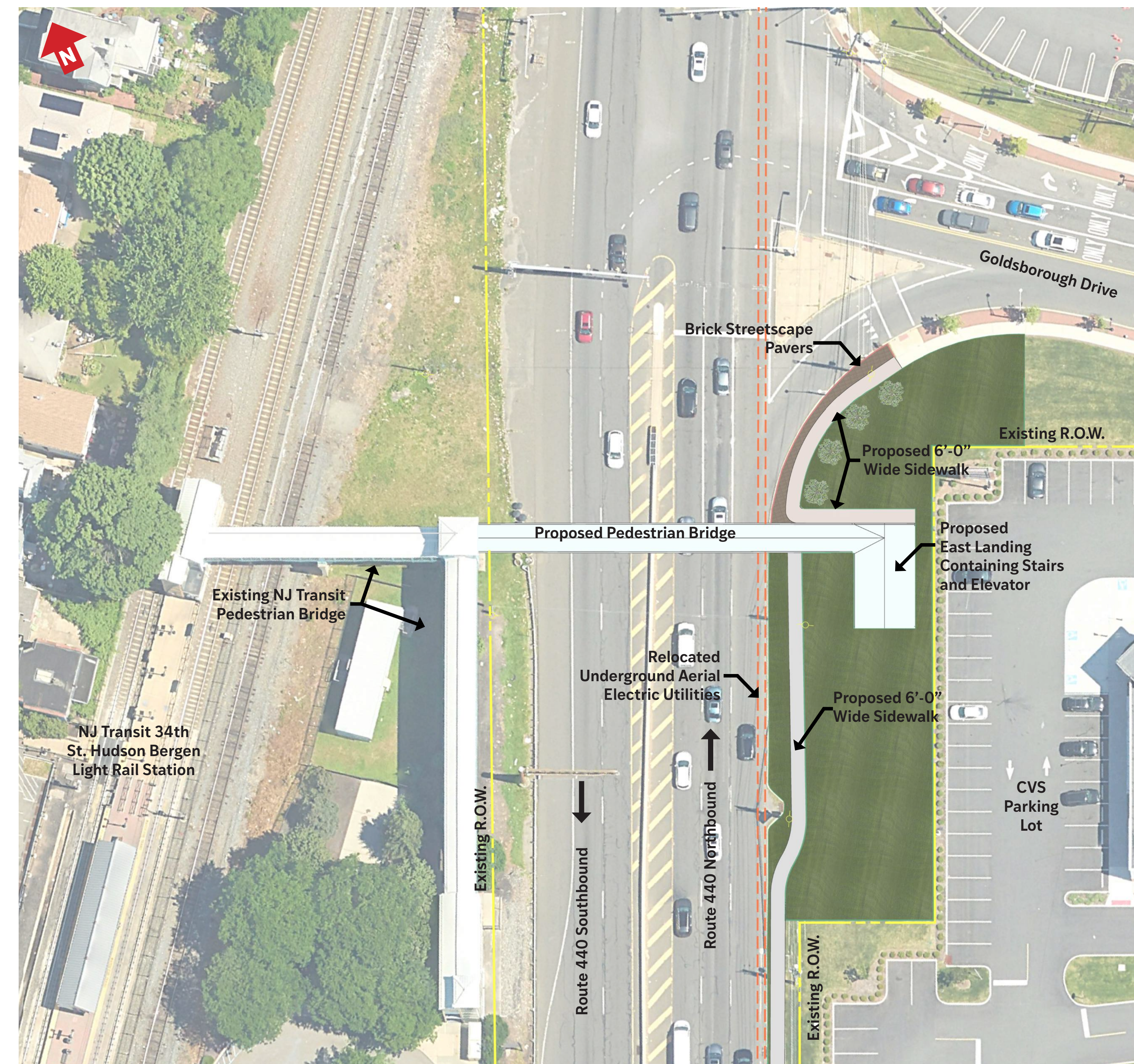
- ▶ Stage 1: Relocate aerial electric utilities underground, lower aerial telephone and cable utilities, construct east landing containing stairs and elevator.
- ▶ Stage 2: Lift pre-fabricated bridge into place utilizing a one-night, weekend closure of Rt. 440.
- ▶ Three lanes of Rt. 440 northbound traffic will be shifted slightly towards the median to accommodate construction. All lanes of traffic will be maintained.
- ▶ Closure of Port Terminal Blvd. ramp to Rt. 440 NB required. Detour to be implemented.

UTILITIES

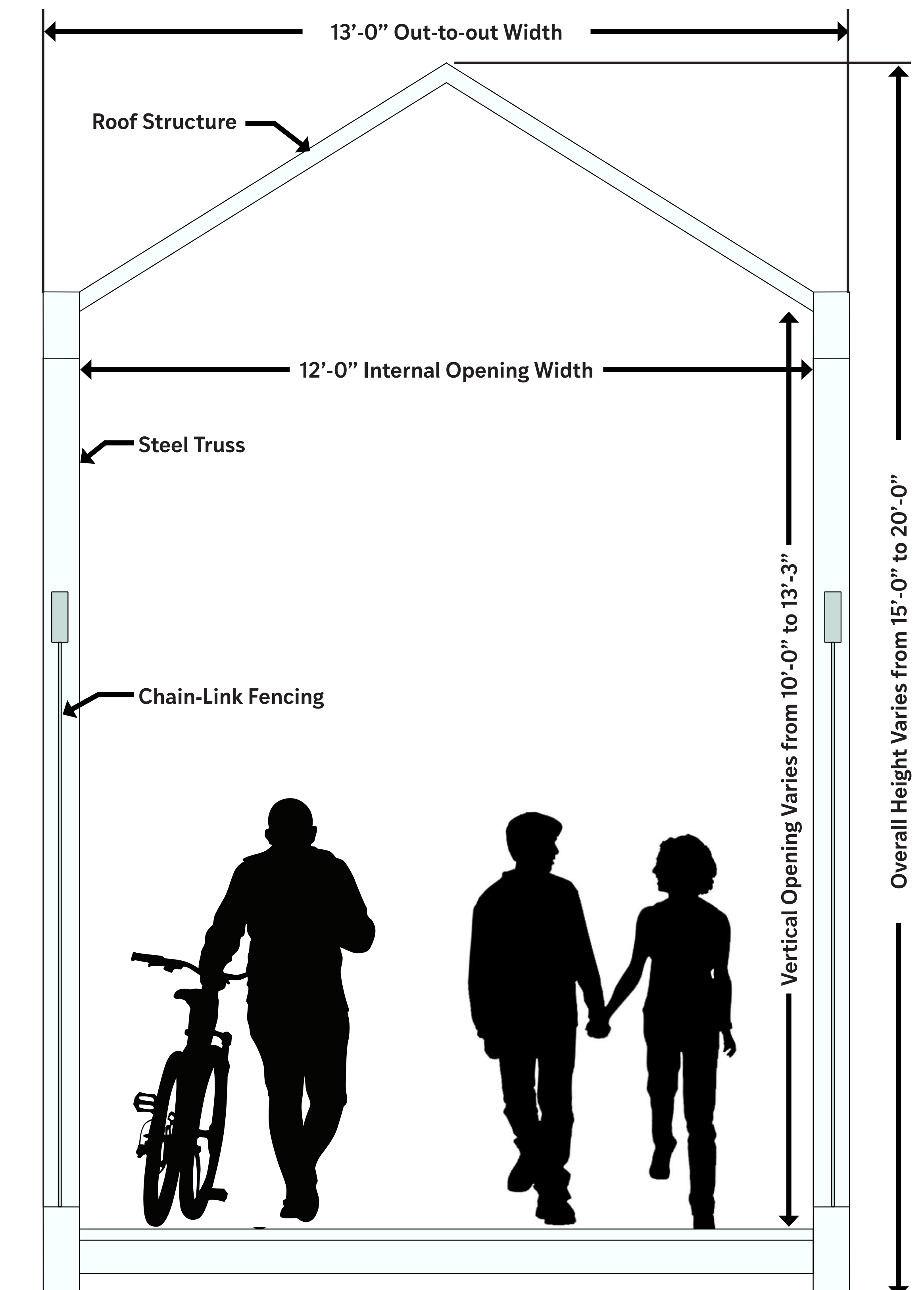
- ▶ Aerial electric utility lines will be re-located underground.
- ▶ Aerial telecommunications utility lines will be lowered slightly to accommodate proposed bridge.
- ▶ Underground oil/gas/petroleum pipelines will not be impacted by proposed bridge.



▶ PROPOSED BRIDGE | ELEVATION VIEW



▶ PROPOSED BRIDGE | PLAN VIEW



▶ PROPOSED BRIDGE | SECTION VIEW



Rt. 440 Local Detour | Weekend Overnight Closure of Rt. 440

PRELIMINARY DETOUR ROUTE



LEGEND

- Rt. 440 Southbound Detour
- Rt. 440 Northbound Detour
- Goldsborough Dr. - Rt. 440 Southbound Detour



Pedestrian Bridge over Route 440 at 34th Street



Preliminary Detour Route

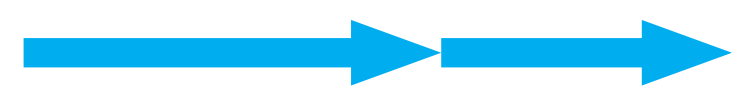



▶ Rt. 440 Through Traffic Detour | Weekend Overnight Closure of Rt. 440



▶ Port Terminal Blvd. Westbound to Rt. 440 Northbound Detour

LEGEND

 Jersey City - Staten Island Through Traffic Detour

 Port Terminal Blvd. - Rt. 440 Northbound Detour



Existing Project Site Photos



▶ Rt. 440 and Goldsborough Dr. Intersection



▶ Proposed East Landing Area and Existing Utilities Along Rt. 440 Northbound | Looking North



▶ Existing NJ Transit Pedestrian Facility From Goldsborough Dr. Intesection | Looking Southwest



▶ Aerial Utilities Along Rt. 440 Northbound | Looking North



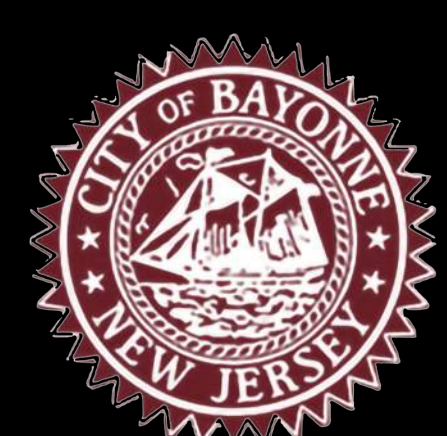
▶ Rt. 440 North, Existing Asphalt Sidewalk and Existing Utilities | Looking North



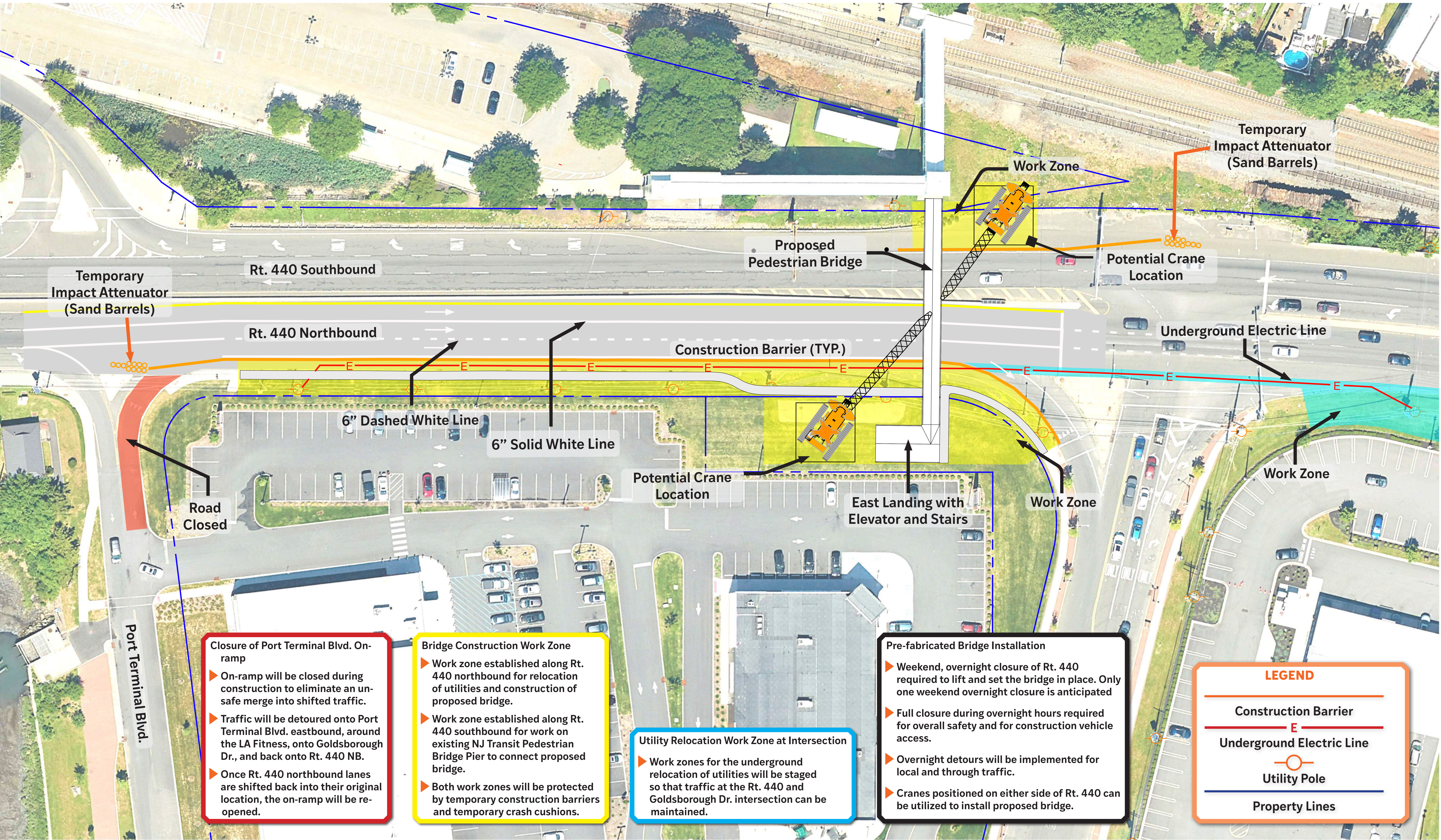
▶ Existing Streetscape Features Along Goldsborough Dr. | Looking East



▶ Proposed East Landing Area from Existing NJ Transit Pedestrian Facility | Looking East



Preliminary Construction Scheme



Closure of Port Terminal Blvd. On-ramp

- ▶ On-ramp will be closed during construction to eliminate an unsafe merge into shifted traffic.
- ▶ Traffic will be detoured onto Port Terminal Blvd. eastbound, around the LA Fitness, onto Goldsborough Dr., and back onto Rt. 440 NB.
- ▶ Once Rt. 440 northbound lanes are shifted back into their original location, the on-ramp will be re-opened.

Bridge Construction Work Zone

- ▶ Work zone established along Rt. 440 northbound for relocation of utilities and construction of proposed bridge.
- ▶ Work zone established along Rt. 440 southbound for work on existing NJ Transit Pedestrian Bridge Pier to connect proposed bridge.
- ▶ Both work zones will be protected by temporary construction barriers and temporary crash cushions.

Utility Relocation Work Zone at Intersection

- ▶ Work zones for the underground relocation of utilities will be staged so that traffic at the Rt. 440 and Goldsborough Dr. intersection can be maintained.

Pre-fabricated Bridge Installation

- ▶ Weekend, overnight closure of Rt. 440 required to lift and set the bridge in place. Only one weekend overnight closure is anticipated
- ▶ Full closure during overnight hours required for overall safety and for construction vehicle access.
- ▶ Overnight detours will be implemented for local and through traffic.
- ▶ Cranes positioned on either side of Rt. 440 can be utilized to install proposed bridge.

LEGEND

- Construction Barrier
- Underground Electric Line
- Utility Pole
- Property Lines

