Cape May Roosevelt Boulevard (CR 623) Bridge Deck Rehabilitation
July 18, 2016

GPI Greenman-Pedersen, Inc.
Engineering and Construction Services
Roosevelt Boulevard (CR 623) Bridge

Built in 1964

31 Spans, 30 concrete spans, 1 steel span over the navigation channel.

Carries two 14-foot lanes, one each direction

Increasing deterioration on the deck.

After 50+ years without major repairs, due for major deck rehabilitation

Project will provide 20-25 year extension to deck life
Ocean City Approach
- Full Depth Deck Replacement - 13 Spans
- Partial Depth Deck Replacement - 18 Spans
- Removal of Former Timber Bridge Remains
- Sidewalk, parapet, railing repairs
Partial Depth Deck Replacement – Hydro-demolition

- Removal technique which uses high-pressure water jets to remove concrete.
- Remaining concrete left in better condition than conventional impact removal (jack hammers, etc.)
- Noise is comparable to impact removal (jack hammers). Full depth removal will use impact methods so no significant increase/decrease in noise.
- Vertical shielding to reduce dust/debris in work area.
Bridge will remain open to traffic at all times

Both lanes open during summer months (approx Memorial Day - Columbus Day).

During construction:
- Single lane, alternating traffic
- 11-foot lanes with concrete barrier
- Half bridge staged at a time (4 stages)
- During Stages 1A and 2A (East side) access ramp detour
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Traffic Control & Staging

Westbound Ramp Access Detour Map
# Project Schedule

## Cape May Roosevelt Blvd (CR 623) Bridge Deck Rehabilitation

### 2016
- **Notice to proceed**: September
- **Shop Drawing Review**: September - October
- **Mobilize/Site Prep**: September - October
- **Full-Time Lane Closure**: October - May
- **Stage 1A**: October - January
- **Stage 2A**: January - May
- **No Lane Closures**: June - September
- **Stage 1B**: October - January
- **Stage 2B**: January - May
- **Completion**: June

### 2017
- **Potential Work Due to Delays**: October - May
  - **No Lane Closures Allowed**: Tue 8/16/16 - Fri 6/8/18
  - **Daily Lane Closures (Mon.-Fri. Excluding Holidays)**: Tue 8/16/16 - Fri 6/8/18
  - **Full-Time Lane Closures (7 Days a Week)**: Tue 8/16/16 - Fri 6/8/18
  - **Daily Lane Closures (Mon.-Fri. Excluding Holidays)**: Mon 9/17/17 - Fri 6/8/18
  - **Daily Lane Closures (Mon.-Fri. Excluding Holidays)**: Sat 6/17/17 - Mon 9/17/17
  - **Full-Time Lane Closures (7 Days a Week)**: Tue 9/17/17 - Fri 6/8/18
  - **Daily Lane Closures (Mon.-Fri. Excluding Holidays)**: Mon 9/17/17 - Fri 6/8/18

### 2018
- **Potential Work Due to Delays**: October - May
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*Disclaimer: The schedule is subject to change without notice. Please refer to the official project documents for the most accurate information.*
Thank you!
Questions?