REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

FEBRUARY 17, 2020
PURPOSE AND NEED

- Maintain and preserve the I-95 Corridor in a state of good repair
- Ensure a minimum 30 year service life extension to avoid more costly and traffic disrupting repairs
- Enhance safety along the I-95 Corridor
- Improve roadway efficiency to lessen traffic congestion
- Implement improvements in the City of Wilmington
  - Cooperative discussions are ongoing to determine the best path forward
PROJECT OVERVIEW

- Extends from I-495 / I-95 split to US 202 (Concord Pike)
- Rehabilitation of 19 bridges
- Rehabilitation of over 3 miles of pavement
- Reconstruction of 11 exit / entrance ramps
- Improving 2nd Street ramp to I-95 SB
  - Eliminating S. Jackson Street on-ramp to I-95 SB
PROPOSED BREAKOUT CONTRACTS

- **T201907002 – Cantilever and Overhead Sign Structures, I-95**
  - Contract AWARDED-J. Fletcher Creamer & Son, Inc.
  - Construction Winter 2020 – fall 2020

- **T201907402 – Rehabilitation of I-95, 2nd Street On-Ramp Improvements (aka Ramp ‘D’)**
  - Contract ADVERTISED
  - Construction duration fall 2019 – spring 2021 (estimated)

- **T201907404 – Rehabilitation of I-95, Bearing Replacements**
  - Contract ADVERTISED
  - Summer 2020
CM/GC CONTRACT PROCUREMENT

- What does CM/GC stand for?
CM/GC CONTRACT PROCUREMENT

- Construction Manager/General Contractor
How does CM/GC work?
CM/GC CONTRACTING METHOD

- Qualification based selection
- Contractor input during design development allows for innovation and efficiency
- Early action work packages
  - Long lead items
  - Easy break-out work activities
- Appropriately manage risks
- Procurement recently completed

TEAMWORK makes the DREAM work
DELDOT TEAMWORK

- Traffic Operations has stepped up?

- Don’t laugh, they did!
- Take a look at this
CITY OF WILMINGTON SIGNAL UPGRADES
DELDOT TEAMWORK
CITY OF WILMINGTON SIGNAL UPGRADES

- Upgrade over 200 traffic signals
  - Develop base timing plans
  - Communication upgrades to facilitate remote access from DelDOT TMC
- Adjust signal timing in response to construction phasing
- Monitor/respond to concerns on signal timings
- Prioritize for upcoming breakout contract work
- Local traffic monitoring during construction
  - Over 100 bluetooth devices
  - Over 50 CCTV cameras
  - Over 50 traffic flow detection sites
Why am I doing this presentation?

- Jason was too tired, because he went to Paris “for work”
Here is Kevin and Jason "working in Miami!"
CM/GC CONTRACTING METHOD

- And we selected...

- I count at least 22 workers
PUBLIC OUTREACH
PUBLIC OUTREACH – INITIATIVES

- Community advisory group – over 60 members
- Project website
- DelDOT app
- Social Media – paid and organic
  - Facebook
  - Twitter
  - Instagram
- NextDoor
- Slides at DMV, New Castle County and City of Wilmington offices
- Billboards
PUBLIC INVOLVEMENT PLAN

- Project website
  - Public outreach video
- Presentations to and meetings with stakeholder groups
- Community Advisory Group (CAG) meetings
- Briefings with Governor Carney and Senator Carper
- Update meetings with city and state officials
TRAFFIC MITIGATION PLAN

- Incident Management Plan
  - Accidents/disabled vehicles
  - Snow events
- Active Traffic Management System
  - Variable message signs
  - DelDOT traffic app
- Revise signal timings in City
- City street improvements
  - Repaving
  - ADA ramps
- Enhanced public transportation services
FOR MORE INFORMATION:

- Deldot.gov for project information
- DelDOT Contact is Percy McNeil, Project Manager
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  Delaware Department of Transportation
  PO Box 778, Dover, DE  19903
  302-760-2325

  Jason.Hastings@Delaware.gov
  Chief of Bridges & Structures
  302-760-2310
PATH FORWARD

- Finalize Design
  - Re-inspect and test bridges
- Early Work Packages
  - Work to start Summer 2020
- Start mainline construction in March 2021
  - Breakout contracts start in Winter 2019/2020
- Pavement rehabilitation projects on-going
QUESTIONS?

COMMENTS?