



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



PROJECT TIMELINE

SEPTEMBER 2014

Project Design Begins

**JULY 2015 –
OCTOBER 2016**
Preliminary /
Concept Plans

MARCH 2017
Value
Engineering
Study

OCTOBER 2019 – MAY 2021
2nd Street On-ramp
Improvements & Sign Structure
Breakout Contracts Constructed

**JUNE 2023 –
JUNE 2025**
Underbridge
Repair Contract
Constructed

**SEPTEMBER 2014 –
JULY 2015**

Inspection and
Testing Phase

**OCTOBER 2016 –
PRESENT**
Final Design
Phase

**JULY 2018 –
PRESENT**
Public Outreach
Campaign

**MARCH 2021 –
JUNE 2023**
I-95 Corridor Project
Constructed



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



CM/GC CONTRACT PROCUREMENT

- How does CM/GC work?

CM/GC CONTRACTING METHOD

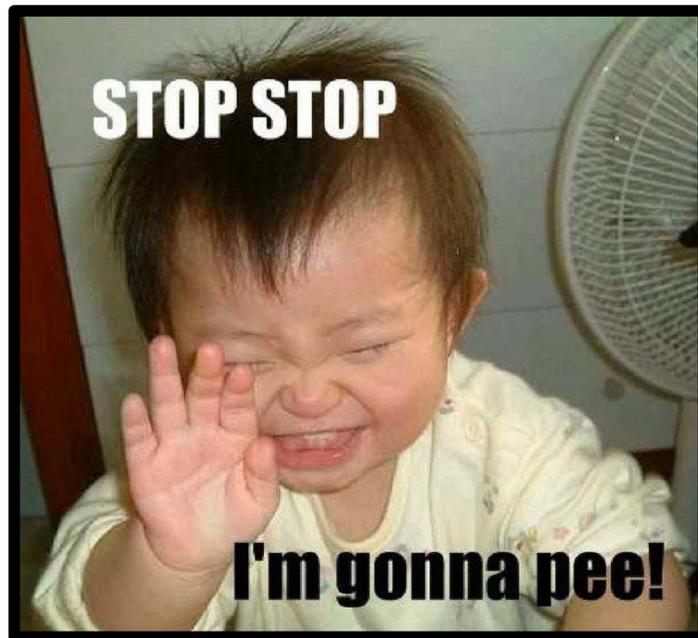
- Qualification based selection
- Contractor input during design development allows for innovation and efficiency
- Early action work packages
 - Long lead items
 - Easy break-out work activities
- Appropriately manage risks
- Procurement recently completed



TEAMWORK makes the DREAM work

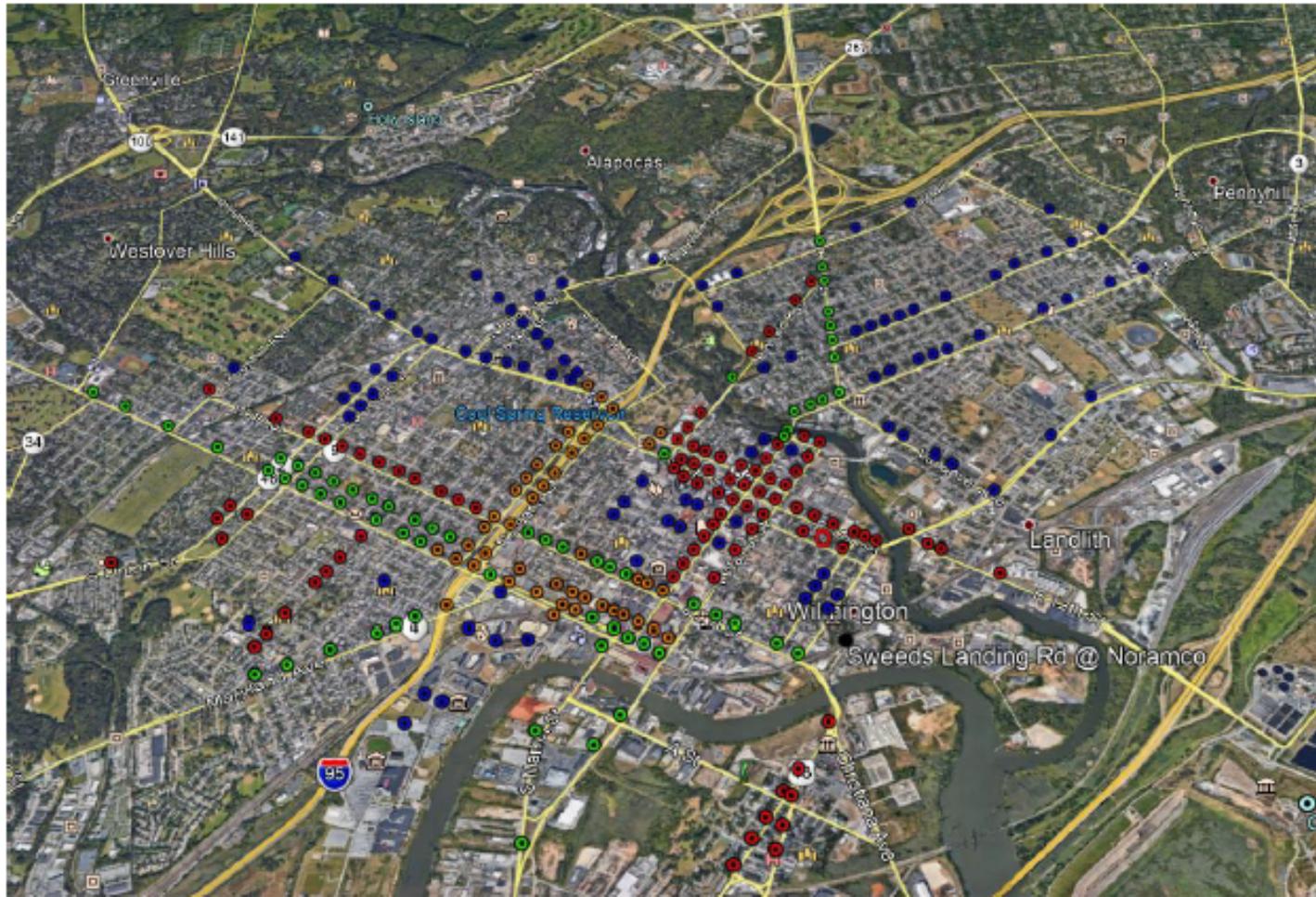
DELDOT TEAMWORK

- 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 DeIDOT 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

DELDOT NOT TEAMWORK

- Why am I doing this presentation?
 - Jason was too tired, because he went to Paris "for work"



DELDOT TEAMWORK



- Here is Kevin and Jason “working in Miami!”

CM/GC CONTRACTING METHOD

- And we selected...



- I count at least 22 workers





PUBLIC OUTREACH



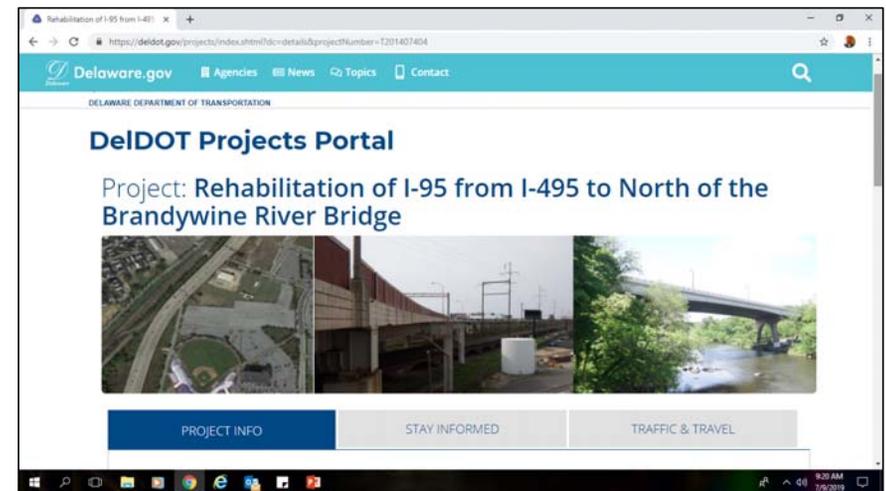
PUBLIC OUTREACH – INITIATIVES

- 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



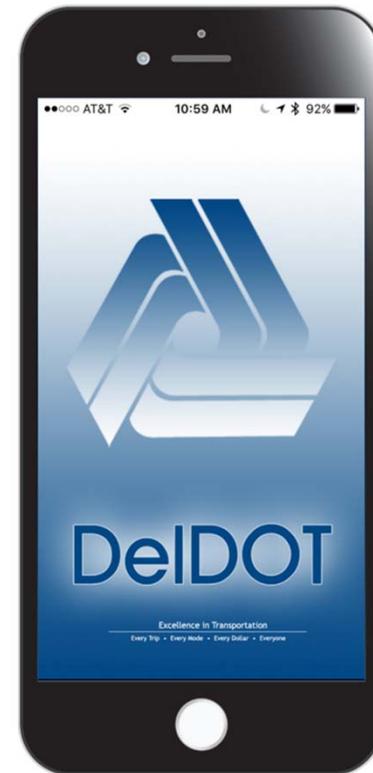
PUBLIC INVOLVEMENT PLAN

- 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
 - DeIDOT 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
- DeIDOT Contact is Percy McNeil, Project Manager

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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?