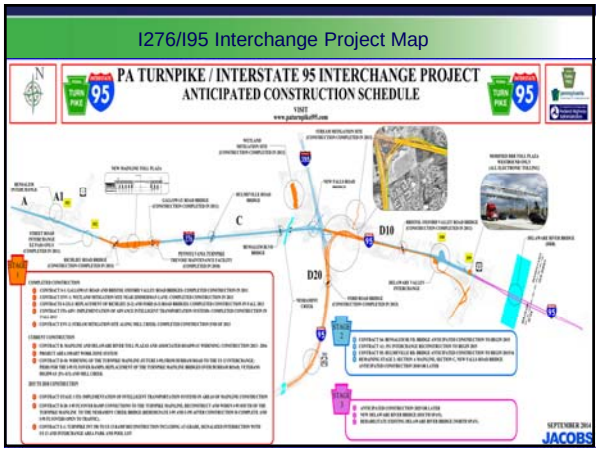
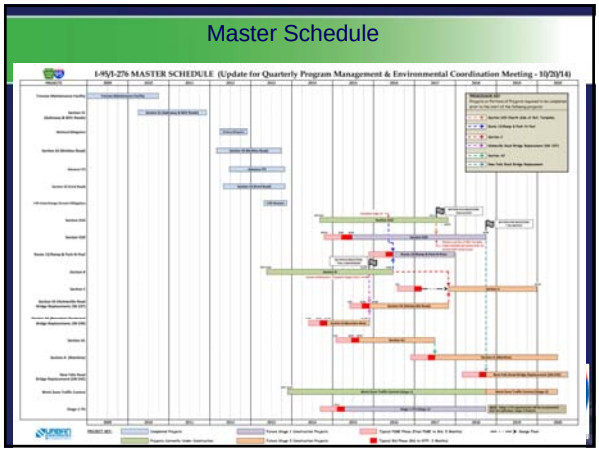
PA Turnpike / I-95 Interchange Project

I276/I95 Interchange Project Map



Master Schedule



Current Construction -- Section B New ML Toll Plaza

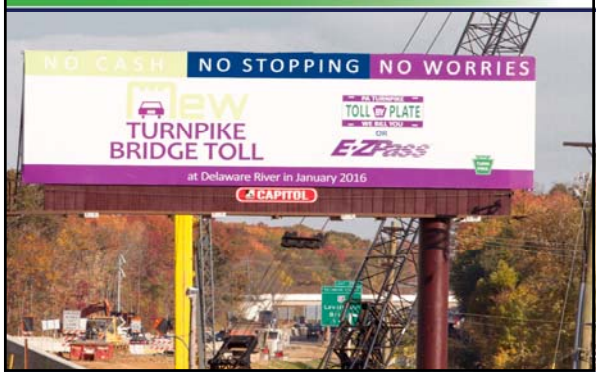
Current Construction -- Section B New ML Toll Plaza

Section B – Mainline / DRB / US13 Toll Plazas

GC Contractor : Road Con Construction Co
Designer: STV
NTP : May of 2013
Amount : $ 62 m for 4 contracts
Tolling Milestone -- Nov. 2015 Completion -- May 2016

Coordination: NJTA (lane restrictions/paces for work at DRB) & Transcore/ETC

Section B – Schedule Milestone: January 3, 2016
Toll Conversion - Impacts to Entire System



Section B – Construction Status January 2, 2015

Section B – Construction Status October 2015
Neshaminy Falls Toll Plaza

Section B – Construction Status October 2015
Neshaminy Falls Toll Plaza

Section B – Construction Status October 2015
DRB Cashless Tolling Point

Section B – Construction Status – November 2015
Neshaminy Falls Toll Plaza

Section B –Construction Status – November 2015
DRB Cashless Tolling Point

Section B -- January 3, 2016
Neshaminy Falls Toll Plaza

Section B – January 3, 2016
Neshaminy Falls Toll Plaza

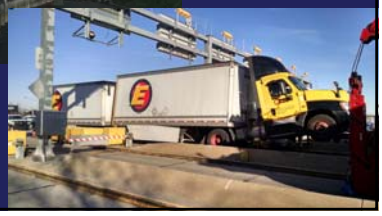
Section B – January 3, 2016
DRB Cashless Tolling Point

Section B – January 3, 2016
Challenge: Condition Driver Expectations

Section B – January 3, 2016
Challenge: Condition Driver Expectations

New Signing

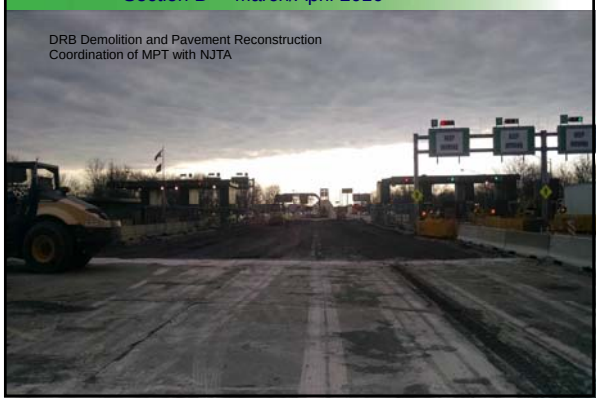
Movement Through
Decommissioned Toll Plazas



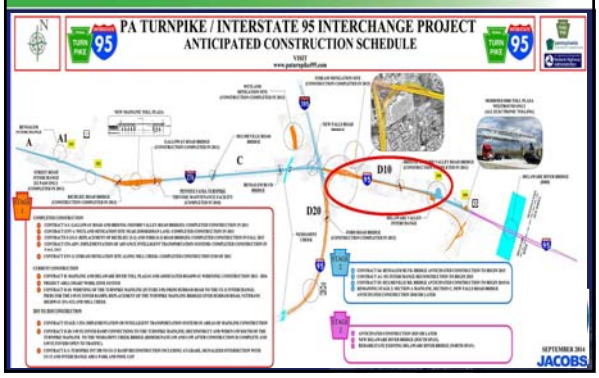
Section B – January 3, 2016
Challenge: Condition Driver Expectations

Section B – March/April 2016

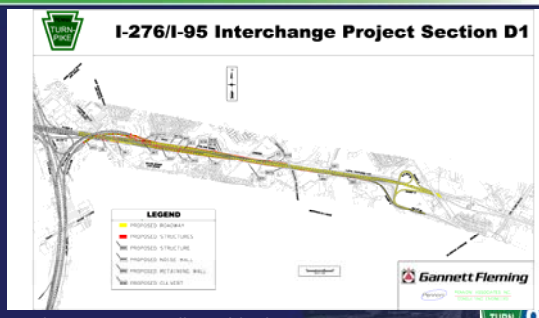
DRB Demolition and Pavement Reconstruction
Coordination of MPT with NJTA



Current Construction -- Section D10



Section D10



Section D10 - Turnpike Widening
With Interchange Flyover

Project Details-Section D10

- Bid -- May 2014
- Construction Cost = $142.7 million
- Approximately 3 year construction timeframe
- 4 Stages of Traffic
- Structures 7 Bridges 3 - single span replacement
  1 - new 4 span
  1 - new 14 span
  2 - single span rehabilitation
  10 Retaining Walls
  12 Noise Walls
  2 Culvert Extensions
- Roadway – Widening approx. 2 ½ miles of mainline -- I95 to MP 358
  150,000 SY of Bituminous Pavement
  300,000 CY of Excavation

Project Details-Section D10

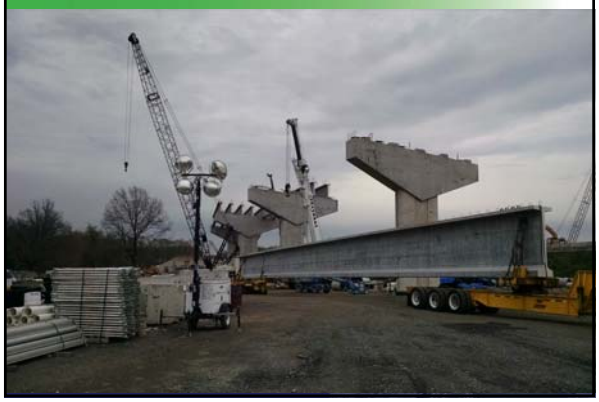
Section D10 – Current Construction

Section D10 – Current Construction

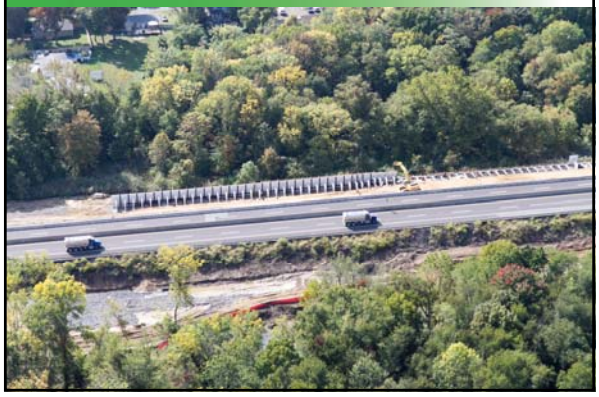
Section D10 – Current Construction

Section D10 – Current Construction

Section D10 – Current Construction



Section D10 – Current Construction



Section D10 – Current Construction

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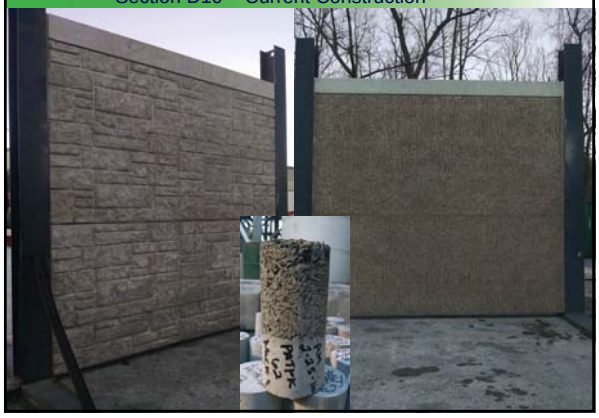
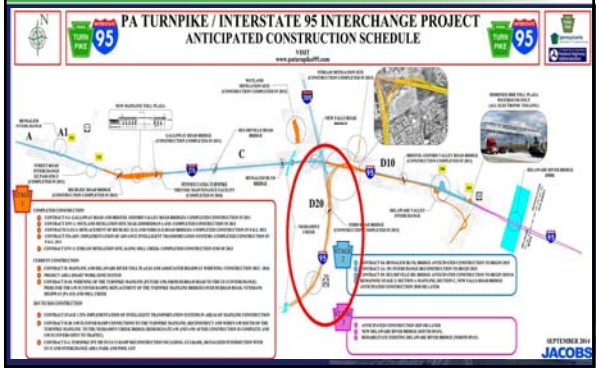
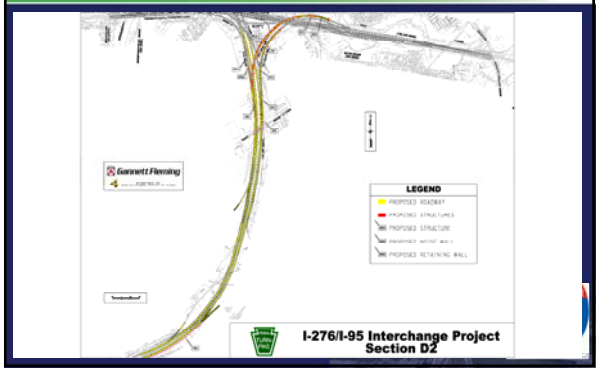


Section D20



Section D20



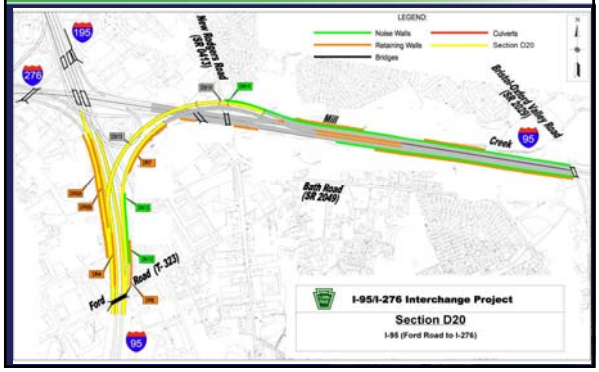
Project Details-Section D20

- Bid -- May 2015
- NTP – August 2015
- Construction Cost = $118 million
- Approximately 3 year construction timeframe
- LD's of $20,000/day for late completion
- 4 Major Stages of Traffic
- Structures 2 Bridges 1 – new single span
  1 – new 15 span

  5 Retaining Walls
  3 Noise Walls

Widening approx. 2 miles of I95 from Route 413 to PTC mainline
180,000 SY of Concrete Pavement
180,000 CY of Excavation

Project Details-Section D20



Section D20 – Current Construction

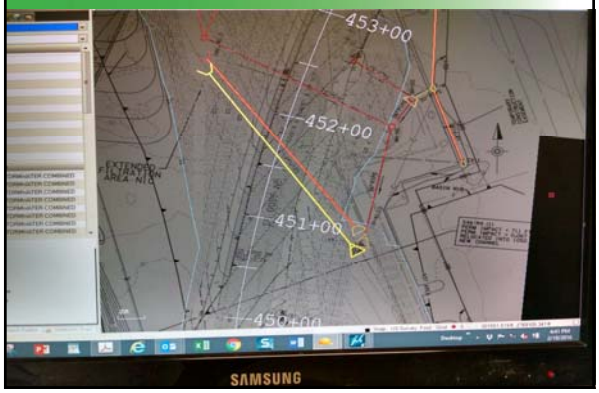
Section D20 – Current Construction

Section D20 – Current Construction

Section D20 – Current Construction

Section D20 – Current Construction

Section D20 – Construction Modeling



PTC Construction Management Conference

Thank You !

Questions ????

Mike Phillips, SEPM
I95/I276 Construction