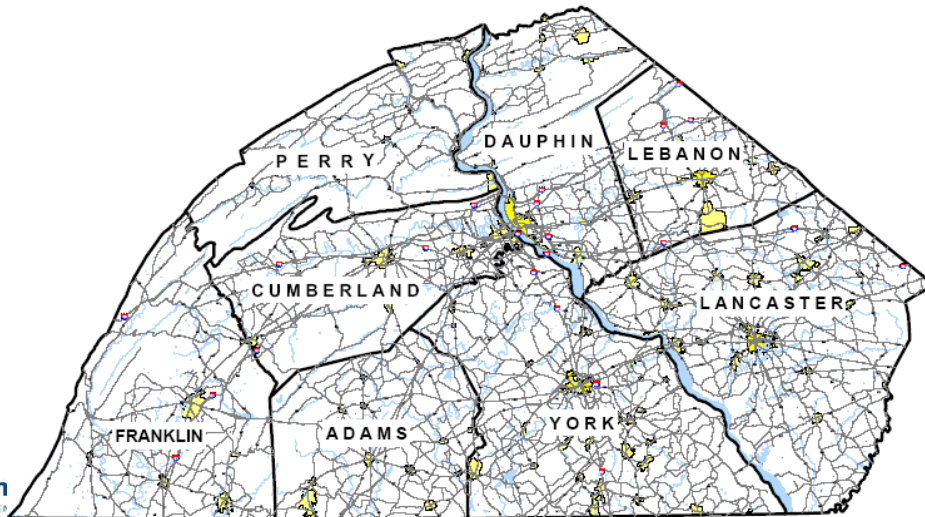




DISTRICT 8 ASHE PRESENTATION  
APRIL 6, 2018



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**JOINT PENNDOT/ASHE  
CONFERENCE**

April 6, 2108

*Michael C. Keiser, P.E.  
District Executive  
Engineering District 8-0*



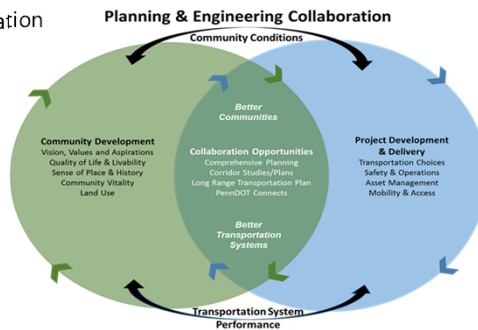
## DISTRICT 8 ASHE PRESENTATION APRIL 6, 2018

- Brief Follow-up to Breakout discussions
- PennDOT Connects
- Ongoing Significant Projects in Design
- Governor Wolf's Bridge Goal/Bridge Conditions
- Challenges



## PennDOT Connects

- Initiative of Secretary of Transportation  
Leslie S. Richards



“State DOT’s are no longer just held accountable for the transportation system; they are also held accountable for how the system supports and improves quality of life for communities.”



## PennDOT Connects

- The success of PennDOT Connects centers on five key principles
  - Demonstrate a clear benefit
  - A one-size only approach is a non-starter
  - Provide a consistent experience
  - Examine all options
  - Avoid surprises



## Ongoing Projects of Significance in Design

- Interstate 83 Widening (Ike to River)
- Interstate 83 Eisenhower Interchange
- Eisenhower Blvd Extension (York & Adams Cos.)
- I-83 Diverging Diamond at Exit 4
- I-83 North York Widening
- I-83 Exit 24 to Exit 28



## Ongoing Projects of Significance in Design

- Market St Bridge Rehab (west spans)
- New I-81 interchange (MP 12)
- State Rd. Interchange (PA 283)
- US RT 222/30 Interchange
- US RT 222/322 Interchange
- Columbia/Wrightsville Bridge Rehab
- Total construction cost estimate for above projects: \$1.2 Billion dollars (\$1,200,000,000)



## Governor's/PennDOT's SD Bridge Goal

- Repair or replace 1,800 SD bridges across Commonwealth
  - Four Calendar years to achieve goal (2015 – 2018)
  - Includes P3 RBR bridges and Department Force work
- District 8 's goal is 152 bridges (not counting P3-RBR)
  - 110 are conventional designs
  - 19 are Design/Build
  - 23 by County Maintenance Forces
  - As of 3/2018, District is on tract to exceed goal by 10 for a total of 162 bridges
- P3 RBR update (91 bridges in District)
  - 49 Bridges completed, 12 under construction, 30 yet to be started



## District 8 Bridge Conditions

- Total Bridges: 3419 – SD Count = 386 (11%) \*SD Count 2009 = 708
- SD Deck Area = 5.76%
- Fracture Critical Bridges: 34 – SD Count = 5
- Interstate Bridges: 255 – SD Count = 7
- Posted/Restricted Bridges: 59
- Total Local Bridges: 916 – SD Count = 181 (19.76%)



## Challenges – Safety/Maintaining Assets

### IMPROVE WORKER SAFETY



88 DOT deaths since 1970

### ADDRESSING SD BRIDGES



2007: 18% (Deck area SD) 2017: 6%



### MAINTAINING INTERSTATES/EXPRESSWAYS

550% increase in truck traffic on 81 in Capital Area  
Most sections of I-81 & 83 are over 50 yrs. of age



## Challenges – PennDOT & Industry

- Safety
- Funding
  - Federal Level & Interstate Conditions
  - Act 89/State Budget/Road MaP
- MS4
- Recruitment/Retention/Compensation/Diversity
- Technology
- Maintenance



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***Thank You!***

