AGENDA

- MEETING PURPOSE
- CSVT NORTHERN SECTION UPDATE
- CSVT SOUTHERN SECTION
  - FEBRUARY PUBLIC MEETING RECAP
  - DESIGN CHANGES
  - ACID ROCK ALIGNMENT SHIFT
  - ASH BASIN AVOIDANCE ALTERNATIVES
  - NEXT STEPS
- OPEN HOUSE
MEETING PURPOSE

➢ Provide updates and continue to work through challenges to advance CSVT and ultimately achieve its long-term benefits

  ▪ Present preliminary alternatives to avoid ash basins

  ▪ Solicit input to consider during detailed studies of alternatives
NORTHERN SECTION UPDATE

CSVT Northern Section (looking north across river and PA 147)
FEBRUARY PUBLIC MEETING RECAP

- Held February 15, 2017
- 389 attendees signed in
- 96 questionnaires returned
SURVEY RESULTS – Where do you live?

- Monroe Township: 54%
- Shamokin Dam: 40%
- Hummels Wharf: 1%
- Selinsgrove: 2%
- Other: 3%
SURVEY RESULTS – What’s your interest in the project?

- Live within project area: 69%
- Commute through project area: 19%
- Work within project area: 4%
- Own a business within project area: 3%
- Other: 5%
SURVEY RESULTS – How often do you travel through the study area?

- Daily: 86%
- Several times per week: 10%
- Once per week: 2%
- Occasionally: 2%
SURVEY RESULTS – Are you satisfied with the information provided on...

DESIGN CHANGES?
- Yes: 70%
- No: 30%

ACID ROCK AND THE ASH BASINS?
- Yes: 85%
- No: 15%
FEBRUARY PUBLIC MEETING RECAP

– The Design Team appreciates the input received from the public.
  ▪ Q/A session
  ▪ Open house
  ▪ Questionnaires
  ▪ Follow-up emails and phone calls

– Thank you for taking time to communicate!
SR 15 SECTION 088
CSVT SOUTHERN SECTION

DESIGN CHANGES

LEGEND

EXISTING ROADWAY
REMOVAL

PROPOSED ROADWAY

BRIDGE WORK

PROPOSED STRUCTURE

PROPOSED SIGNAL

EXISTING SIGNAL

Example Only
DESIGN CHANGES

Note: Original Alignment Shown

US 522 & US 11/15 Corridor Action
DESIGN CHANGES

US 522 / Airport Road Intersection – Proposed Improvements

- No left turns from US 522 to Airport Rd

Legend:
- Proposed roadway
- Proposed shoulder
- Proposed concrete island
- Existing roadway removal
- Property line
- Existing traffic signal

Station #3

Susquehanna Valley Transportation Project

SR 15 SECTION 088
CSVT SOUTHERN SECTION
DESIGN CHANGES

Note: Original Alignment Shown

Mill Road/
App Road/
Airport Road
DESIGN CHANGES

Mill Road/App Road/ Airport Road – Proposed Improvements
DESIGN CHANGES

Note: Original Alignment Shown

Park Road & Fisher Road Crossing
DESIGN CHANGES

Park Road & Fisher Road Crossing – Proposed Improvements
DESIGN CHANGES

Note: Original Alignment Shown

US 11/15 Split

Note: Original Alignment Shown
Cortland Drive Connector

Note: Original Alignment Shown
SURVEY RESULTS – Cortland Drive Connector

- Even support - Current Alignment vs. Alternate Alignment
- Questions on need for Cortland Connector
  - Connector purpose:
    - maintains connection of neighborhoods
    - provides alternate access in case of emergency
- Concerns over neighborhood traffic volumes
  - No direct connection between Cortland and PA 61 Connector
  - Only local traffic anticipated
- Carrying both alignments forward for now
- Will make decision and announce at next meeting
DESIGN CHANGES

Note: Original Alignment Shown

PA 61 & US 11/15 Interchange
NEED FOR PA 61 CONNECTOR

- PA 61 Connector helps CSVT accomplish its purpose
  - Reduce congestion
  - Improve safety – particular attention to trucks and through traffic
  - Ensure sufficient capacity for growth
SUNBURY BUSINESSES

- Weis Markets – moved dry goods; expanding dairy
- Wirerope Works – still in operation
- Bimbo Bakeries (formerly Holsum) – did shut down bakery; still has a distribution center operating
VERIFYING CURRENT TRAFFIC PATTERNS

Car Traffic

- Project traffic data was verified using 2015-2016 data.
- Current traffic patterns are very similar to previous data.
CSVT and PA 61 Connector allow for separation of trucks and through traffic from local traffic.

- 58% of truck traffic have either Origin or Destination outside the CSVT Study Area.
- 8% of truck traffic have both Origin and Destination inside the CSVT Study Area.
- 34% of truck traffic have either Origin or Destination outside the CSVT Study Area.
BENEFITS OF PA 61 CONNECTOR

- Reduce Congestion / Ensure Sufficient Capacity for Growth

PA 61 Connector will attract 15,000 - 20,000 vehicles per day by 2044 and will have the following effect on area roadways:

- Increases use of CSVT (up to 15-20% more traffic)
- Reduces traffic on US 11/15 from Shamokin Dam to Selinsgrove (up to 20-25% less traffic)
- Reduces traffic on PA 147 through Northumberland Borough (up to 25-30% less traffic)
ADDITIONAL BENEFIT OF PA 61 CONNECTOR

- Will serve as alternate route during...
  - Flooding
  - Incidents
CSVT APPROACH TO ACID ROCK

- Investigated options for reducing rock excavation
  - Identified minor roadway shifts that greatly reduce rock excavation
  - Will finalize after ash basin issue is resolved

- Met with PADEP
  - PADEP agrees with the Project Team approach
  - Acid rock challenge is easy to overcome

ACID ROCK ALIGNMENT SHIFT

- CSVT shifted to minimize volume of acid rock excavation
- Tweaks may occur during detailed studies
SURVEY RESULTS – Ash Basins

- Move CSVT off fly ash waste basins
- Protect the environment
- Issue should have been identified sooner
TIMELINE – CSVT and ASH BASINS

Late 1990s – CSVT moved on top of ash basins
2008 – Southern Section halted (lack of funding)
2015 – Southern Section restarted; final design began
Spring 2016 – Soil borings performed
Summer 2016 – Geotechnical analysis – stability issue identified
Fall 2016
  ▪ Coordinated with PADEP and FHWA
  ▪ Alternatives studied to keep CSVT on ash basins
  ▪ Decision made to move CSVT off ash basins
January 2017 – Press release issued
ASH BASIN AVOIDANCE
FOCUS AREA

SR 15 SECTION 088
CSVT SOUTHERN SECTION

Central Susquehanna Valley
Transportation Project
Southern Section
ASH BASIN AVOIDANCE
CENTRAL ALTERNATIVE

SR 15 SECTION 088
CSVT SOUTHERN SECTION

PARK RD
SUNBURY RD
GRANGERS RD

FOCUS AREA BOUNDARY

SOUTHERN ASH BASIN
NORTHERN ASH BASIN
DAM
DAM

LEGEND
- FOCUS AREA BOUNDARY
- PROPERTY LINES
- 20" GAS LINE
- CENTRAL ALTERNATIVE

PRELIMINARY
MAY 2017

ASH BASIN REALIGEMENT
CENTRAL ALTERNATIVE

S.R. 15, Section 088
Central Susquehanna Valley
Transportation Project
Southern Section

STATION #6
SURVEY RESULTS – Alternative Corridors

- **Western** further from communities
- **Central** avoids gas line
- **Eastern** affects less homeowners; more forestland
ASH BASIN AVOIDANCE ALTERNATIVES

- Western Alternative  STATION #5
- Central Alternative  STATION #6
- Eastern Alternative  STATION #7
- Comparison Tables  STATION #8
IMPORTANT NOTES CONCERNING ALTERNATIVES

1. All three alternatives will reduce congestion, improve safety, and accommodate growth.

2. Alternatives presented are preliminary.
   » Developed to a reasonable level to solicit feedback

3. Adjustments to alternatives may occur due to...
   » Feedback from public, municipalities, agencies
   » Detailed environmental studies
   » Detailed engineering studies
NEXT STEPS

- Detailed studies – Summer 2017
  - Engineering
    - detailed mapping
    - geotechnical testing and analysis
    - earthwork balance
    - stormwater management

* May require entry to property
NEXT STEPS

- Detailed studies – Summer 2017
  - Environmental
    - streams and wetlands
    - communities
    - farmlands
    - noise
    - cultural resources
    - visual

* May require entry to property
NEXT STEPS

- Detailed studies – Summer 2017
  - Coordinate with:
    - FHWA
    - Environmental agencies
    - Local officials
    - Utilities
    - Impacted land owners
    - Other stakeholders
NEXT STEPS

- Public Meeting #3 – Fall 2017
  - Present results of detailed studies
  - Present preferred alternative
  - Present Cortland Drive Connector alignment
  - Collect feedback
HOW WILL PREFERRED ALTERNATIVE BE CHOSEN?

- Review and consider many factors
  - Community Impacts
  - Engineering Analysis
  - Agency Input
  - Environmental Impacts
  - Public Feedback
  - Project Needs
  - Right-of-Way Impacts
  - Utility Impacts

- No formula; no computer program
- Choose alternative that is the best overall
NEXT STEPS

- Project Completion
  - environmental clearance
  - final design
  - mitigation
  - right-of-way acquisition
  - utility relocations
  - permitting
  - construction
NEXT STEPS

➢ Mitigation

➢ Examples

  – Minor design adjustments
  – Slope changes
  – Noise barriers
  – Access adjustments
  – Landscaping
  – Construction restrictions
  – Environmental mitigation
PROJECT SCHEDULE

- Goal is that preferred alternative to avoid ash basins will be identified by Fall 2017.

- After working through engineering challenges, proceed in most efficient manner to complete design.
MEETING “TAKE-AWAYS”

➢ CSVT is moving forward. Its long-term benefits for the region are coming.

➢ Currently considering 3 alternatives to avoid ash basins
  ▪ Alternatives will be adjusted as a result of detailed studies, feedback, and impact minimization.

➢ Anticipate presenting preferred alternative in Fall 2017

➢ Will be evaluating opportunities for mitigation
YOUR FEEDBACK IS IMPORTANT!

- Ways to provide feedback tonight:
  - Open house
  - Questionnaire
    » Fill out in gym
    » Take home and mail / email
    » Complete online – csvt.com
HOW DO I GET INFORMATION?

- Attend Public Meetings
- Visit Project Web Site – csvt.com
- Contact PennDOT District 3-0
  Matthew Beck, P.E., Assistant Plans Engineer
  matbeck@pa.gov
  570-368-4256
OPEN HOUSE LAYOUT

STATION 1 - INFORMATION & DISPLAY LAYOUT
DISPLAY LAYOUT

STATION 2 - CSVT NORTHERN SECTION
CSVT NORTHERN SECTION PLAN WITH CONSTRUCTION PHOTOS
CSVT NORTHERN SECTION STATUS AND SCHEDULE

STATION 3 - DESIGN CHANGES
US 522 AND AIRPORT ROAD INTERSECTION
WILL/APP/AIRPORT ROADS ROUNDABOUTS
BENEFITS OF ROUNDABOUTS
ACID ROCK FOCUS AREA
PARK ROAD AND FISHER ROAD CROSSING
CORTLAND DRIVE CONNECTOR - WESTERN & CENTRAL ALTERNATIVES
CORTLAND DRIVE CONNECTOR - EASTERN ALTERNATIVE

STATION 4 - PA 61 CONNECTOR
CURRENT TRAVEL PATTERNS
BENEFITS OF PA 61 CONNECTOR

STATION 5 - WESTERN ALTERNATIVE
ASH BASIN FOCUS AREA
WESTERN ALTERNATIVE

STATION 6 - CENTRAL ALTERNATIVE
ASH BASIN FOCUS AREA
CENTRAL ALTERNATIVE

STATION 7 - EASTERN ALTERNATIVE
ASH BASIN FOCUS AREA
EASTERN ALTERNATIVE

STATION 8 - ALTERNATIVES COMPARISON
ENGINEERING CHARACTERISTICS COMPARISON
ENVIRONMENTAL IMPACTS COMPARISON

STATION 9 - ENVIRONMENTAL TOPICS
ASH BASIN FOCUS AREA ENVIRONMENTAL FEATURES
NOISE ABATEMENT PROCESS

STATION 10 - RIGHT-OF-WAY
CSVT RIGHT-OF-WAY

STATION 11 - ANTICIPATED NEXT STEPS
ANTICIPATED NEXT STEPS

STATION 12 - QUESTIONNAIRE
THANK YOU!!

We Really Appreciate Your Time and Input!!