SR 15 SECTION 088
CSVT SOUTHERN SECTION

PUBLIC MEETING
NOVEMBER 15, 2017
AGENDA

- MEETING PURPOSE
- CSVT SOUTHERN SECTION
  - DESIGN CHANGES
  - MAY PUBLIC MEETING RECAP
  - ASH BASIN AVOIDANCE STUDIES
  - PENNDOT’S RECOMMENDED ALTERNATIVE
  - NEXT STEPS
- CSVT NORTHERN SECTION UPDATE
- OPEN HOUSE
MEETING PURPOSE

- Provide updates and continue to work through challenges to advance CSVT and ultimately achieve its long-term benefits
  - Review results of engineering/environmental studies and PennDOT’s Recommended Alternative for avoiding ash basins
  - Receive input to consider as project design is further developed and evaluated
DESIGN CHANGES

Noise: Original Alignment Shown

- US 522 & Airport Road Intersection
- US 522 & US 11/15 Interchange
- Cortland Drive Connector

STATION #6
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 & Airport Road Intersection

STATION #6
DESIGN CHANGES

US 522 & Airport Road Intersection – Proposed Jug Handle
DESIGN CHANGES

Note: Original Alignment Shown

US 522 & US 11/15 Interchange

STATION #6
DESIGN CHANGES

US 522 & US 11/15 Interchange
Original connection to Chestnut Street will be advanced
MAY PUBLIC MEETING RECAP

- Held May 25, 2017
- 300 attendees signed in
- 171 questionnaires returned
MAY SURVEY RESULTS – Where do you live?

- Monroe Township: 53%
- Shamokin Dam: 30%
- Sunbury: 6%
- Selinsgrove: 3%
- Hummels Wharf: 1%
- Other: 7%
MAY SURVEY RESULTS – What’s your interest in the project?

- Live within project area: 63%
- Commute through project area: 23%
- Work within project area: 6%
- Own a business within project area: 1%
- Other: 7%
MAY SURVEY RESULTS – How did you hear about tonight’s meeting?

- Direct Mailer: 47%
- Newspaper: 26%
- Website: 7%
- Family/Friend/Neighbor: 14%
- Other: 5%
- Flyer posted in project area: 1%
MAY SURVEY RESULTS – Are you satisfied with the information provided on...

**DESIGN CHANGES AND ACID ROCK ALIGNMENT SHIFT?**
- No: 17%
- Yes: 83%

**ASH BASIN AVOIDANCE ALTERNATIVES?**
- No: 21%
- Yes: 79%
MAY SURVEY RESULTS – Public feedback on Western Alternative

Overall – Mixed: Medium volume of positive and negative comments

Positive comments the public provided

- Less environmental impact
- Less noise impact to developments
- No impact to new gas line / less impact to PPL transmission lines
- Highway is away from more densely populated areas

Negative comments the public provided

- Impact to property values / number of displacements
- Impact to farmland
- Longest PA 61 Connector
MAY SURVEY RESULTS – Public feedback on Central Alternative

Overall – Opposed: Low volume of positive comments; Medium volume of negative comments

Positive comments the public provided
- Most sensible
- Least environmental impact

Negative comments the public provided
- Impacts most residences (displacements) / decreased property values
- Impact to active farmland
- Has a lot of bridge work
- Impact to PPL transmission lines
MAY SURVEY RESULTS – Public feedback on Eastern Alternative

**Overall – Mixed:** High volume of positive and negative comments

**Positive comments the public provided**
- Least impacts to residences (displacements)
- Smallest impact to active farmland
- Shortest PA 61 Connector

**Negative comments the public provided**
- Environmental impact (forested area)
- Impacts new UGI gas line
- Reduced future development potential (Shamokin Dam Borough)
MAY PUBLIC MEETING RECAP

– The Project Team appreciates the input received from the public.
  ▪ Open house
  ▪ Questionnaires
  ▪ Follow-up emails and phone calls

– Thank you for taking time to communicate!
ASH BASIN AVOIDANCE STUDIES

- Engineering
  - Closer look at alignments
  - Geotechnical testing and analysis

- Environmental
  - Residential displacements
  - Streams and wetlands
  - Farmlands
  - Forestlands
  - Noise

- Stakeholder Coordination

STATION #2
ASH BASIN AVOIDANCE STUDIES – Engineering Findings

- Acid Rock Testing
  - Potential for acid rock on **Western Alternative**

- PA 61 Connector Usage
  - Projected usage compared to original alternative
    - **Western Alternative** ↓ 30%
    - **Central Alternative** ↑ 10%
    - **Eastern Alternative** ↑ 30%

- Utility Relocations Required

<table>
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<tr>
<th></th>
<th>UGI Gas Line (ft)</th>
<th>PPL Transmission Line (ft)</th>
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<tr>
<td>Western Alternative</td>
<td>350</td>
<td>4,990</td>
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<tr>
<td>Central Alternative</td>
<td>350</td>
<td>10,800</td>
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<tr>
<td>Eastern Alternative</td>
<td>3,500</td>
<td>3,230</td>
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</tbody>
</table>
ASH BASIN AVOIDANCE STUDIES – Environmental Findings

- Additional Residential Displacements (Needed – Not Yet Acquired)
  - Western Alternative: 12
  - Central Alternative: 14
  - Eastern Alternative: 7

- Productive Farmland Impacts
  - Western Alternative: 65 acres
  - Central Alternative: 78 acres
  - Eastern Alternative: 50 acres

- Noise Impacted Residences
  - Western Alternative: 107
  - Central Alternative: 108
  - Eastern Alternative: 68
PENNDOT’S RECOMMENDED ALTERNATIVE

Eastern Alternative

- Better meets traffic needs of project
- Least impact to residences
- Least impact to farmlands
- Least noise impacts

The selection of this alternative is not finalized until the Federal Highway Administration issues environmental clearance for the portion of CSVT and the PA 61 Connector within the ash basin focus area.
PENNDOT’S RECOMMENDED ALTERNATIVE

Eastern Alternative

Work performed during detailed studies to reduce impacts:

- Impacts to new UGI gas line
  - Realigned Eastern Alternative to reduce impact by about 1000 feet; have been coordinating with UGI
- Impacts to developable lands (Shamokin Dam Borough)
  - Met with Shamokin Dam Borough; made alignment shifts to Eastern Alternative, PA 61 Connector and ramps to reduce impacts by approximately 8½ acres
REVIEW OF ENTIRE CSVT SOUTHERN SECTION ALIGNMENT

- US 522 and US 11/15 Corridor
- Acid Rock Focus Area
- Ash Basin Focus Area – PennDOT Recommended Alternative
- PA 61 Connector

**LEGEND REVIEW**

Proposed Stormwater Management Area (temporary or permanent)
NEXT STEPS

- Project Completion
  - Environmental clearance
  - Final design
  - Mitigation
  - Right-of-way acquisition (See Station #8)
  - Utility relocations
  - Permitting
  - Construction
NEXT STEPS

- Environmental Clearance
  - Project Team is preparing an Environmental Assessment
    - 30-day public review and comment period
      » Anticipated Spring 2018
    - Public hearing
      » Anticipated late Spring 2018
      » Project Team will make a presentation
      » Public will have opportunity to provide oral or written testimony
  - PennDOT will consider and respond to comments before requesting environmental clearance from the Federal Highway Administration
NEXT STEPS

➢ Mitigation
 ➢ Examples
  – Minor design adjustments
  – Slope changes
  – Noise barriers* (if warranted)
  – Access adjustments
  – Landscaping
  – Construction restrictions
  – Environmental mitigation

* See Station #7 for a map showing preliminary noise barrier locations.
PROJECT SCHEDULE

- Environmental Clearance -
  Anticipated late Summer 2018

- Too early to estimate construction dates. Anticipate being able to set dates next summer.

- Project team will continue to work quickly to complete design and advance the project to construction.
NORTHERN SECTION UPDATE

- Earthwork and bridges are currently 50% complete

- Northern Section will be opened to traffic prior to Southern Section
  - Opening is anticipated in 2022

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**CSV1T Northern Section (looking north across US 15 and river)***

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**CSV1T River Bridge (looking north across river)**
MEETING “TAKE-AWAYS”

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

➢ The Eastern Alternative is recommended by PennDOT. The alternative selection is not final until environmental clearance is issued by the Federal Highway Administration.

➢ The project team will continue to evaluate opportunities to minimize and/or mitigate impacts.
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 Future 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 - ASH BASIN AVOIDANCE STUDIES
ASH BASIN FOCUS AREA ALTERNATIVES
WESTERN ALTERNATIVE
CENTRAL ALTERNATIVE
EASTERN ALTERNATIVE
ENGINEERING CHARACTERISTICS COMPARISON
ASH BASIN FOCUS AREA ENVIRONMENTAL FEATURES
ENVIRONMENTAL IMPACTS COMPARISON

STATION 3 - PENNDOT RECOMMENDED ALTERNATIVE
REASONS FOR RECOMMENDING EASTERN ALTERNATIVE
CSVT SOUTHERN SECTION WITH PENNDOT RECOMMENDED ALTERNATIVE

STATION 4 - ANTICIPATED NEXT STEPS
ANTICIPATED NEXT STEPS - OVERALL
ANTICIPATED NEXT STEPS - ENVIRONMENTAL CLEARANCE

STATION 5 - QUESTIONNAIRE

STATION 6 - DESIGN CHANGES
US 522 AND AIRPORT ROAD INTERSECTION
US 522 AND US 11/15 INTERCHANGE
CORTLAND DRIVE CONNECTOR PROPOSED ALIGNMENT

STATION 7 - NOISE STUDIES
NOISE ABATEMENT PROCESS
PRELIMINARY NOISE BARRIER LOCATION

STATION 8 - RIGHT-OF-WAY
CSVT RIGHT-OF-WAY

STATION 9 - CSVT NORTHERN SECT
CSVT NORTHERN SECTION PLAN WITH CT
CSVT NORTHERN SECT

STATION #1
THANK YOU!!

We Really Appreciate Your Time and Input !!