Route 147 and Route 11 Roadway Reconstruction Project
PA Route 147 Section 110
US Route 11 Section 113
Northumberland County
• WHY THE PROJECT IS NEEDED

EXISTING

PROPOSED

12"

24”
Agenda

• PROJECT OVERVIEW

• PROJECT DETAILS
  ➢ Reconstruction of PA 147 and US 11

• TRAFFIC CONTROL
  ➢ Sequencing/Phasing
  ➢ Car and Truck Detours
  ➢ Access to Businesses and Residences

• OUTREACH, COMMENTS AND QUESTIONS
  ➢ Addressing Previous Questions
Project Overview

Reconstruction of PA 147 and US 11

- Curb to Curb Reconstruction
- Intersection Improvements
- Signal Replacements
- ADA Upgrades
  (Americans with Disabilities Act)
Preliminary Schedule

- Construction Starts Spring 2017
- Two (Plus) Construction Seasons
- Impacts to Community and Motorists
- Utility Impacts May Affect Schedule
Challenges

- Congestion and Safety
- Traffic Control
- Drainage
- Utilities
- Conflicting Needs
Intersections Being Improved

- Duke St / Water St
- Water St Railroad Underpass
- King St / Water St
Project Details

Duke St / Water St Intersection - Existing
Project Details

Duke St / Water St Intersection - Proposed

- Reduces Traffic Backups Through Town and Across the Bridge
- Will Reduce Time Getting Through the Intersection by Several Minutes
Project Details

Water St Under Railroad Bridge – Looking North

TO REMAIN

TO BE REMOVED
Project Details

Water St Under Railroad Bridge
Project Details

King St / Water St Intersection - Existing
Project Details

King St / Water St Intersection – Safety Concern
Project Details

King St / Water St Intersection – Safety Concern
Project Details

King St / Water St Intersection – Proposed

- Reduces Traffic Backups Through Town and Across the Bridge
- Improves Safety for Vehicles and Pedestrians by Reducing Conflicting Movements and Trucks Running Over Sidewalks
Phased Construction with Detours

- 15,000 ADT with 2,400 Trucks/Day
- Access to Businesses and Residences
- Two (Plus) Construction Seasons
- Mix of Full Width and Half Width Construction
- Truck Detours
Traffic Control

What Trucks are being Detoured?

- Trucks 36 Feet in Length and Greater
- Excludes Local Deliveries With Destination Within Project Area
- Also Excludes School Buses and Emergency Service Vehicles
Traffic Control

Less than 36 Feet

36 Feet and Greater

Vehicles Exempt by State Law
Traffic Control

Traffic Control Phasing – Construction Year 1

[Map showing traffic control phasing]
Traffic Control

FULL DETOUR
PHASE 1

PA 147
To Milton

QUEENS POINT
ASSOCIATES SUPPOSIIVE

CANNERY RD

10TH ST

8TH ST

KING ST

6TH ST

4TH ST

PA 147
To Sunbury

PRELIMINARY
NOT FOR CONSTRUCTION
Traffic Control

Phase 1 – 8th St to 7th St
Traffic Control

Phase 2 – 7th St to Pond Ave
Traffic Control

Phase 3 – Pond Ave to 4th St
Traffic Control

Phase 4 – 4th St to Ropewalk Ave
Phase 5 – Ropewalk Ave to 3rd St
Phase 6 – 3rd St to Between 2nd and Park Ave
Traffic Control

Phase 7 – Between 2nd and Park to Front St
Traffic Control

Phase 8 – Front St to Between Front and Depot
Traffic Control

Phase 9 – Between Front and Depot to Depot

Temporary Construction Easement for Driveway Access

Front St
Queen St
Depot Ave
147
Groninger Insurance
Bare Metal Gallery
Sun Home Health
Depot Ave
Northumberland Housing Corp
Suncom Industries
PRELIMINARY NOT FOR CONSTRUCTION
Traffic Control

Traffic Control Phasing – Construction Year 2
Traffic Control

Phase 10 – Duke St / Water St Intersection
Traffic Control

TRUCK DETOUR
PHASE 10

PRELIMINARY
NOT FOR CONSTRUCTION
Traffic Control

TRUCK DETOUR
PHASES 11 THROUGH 13
(PA 147 Detour)
Traffic Control

TRUCK DETOUR
PHASES 11 AND 12
(US 11 Southbound Detour)

NOTES
- PHASES 11 THROUGH 12:
  US11 NORTH NO DETOUR,
  THROUGH MOVEMENT MAINTAINED
- PHASE 13:
  US11 NORTH AND SOUTH NO DETOURS,
  THROUGH MOVEMENT MAINTAINED
Traffic Control

FULL DETOUR PHASE 11 (PA 147 South)

FULL DETOUR PHASE 11 (PA 147 North and US 11 South)

PRELIMINARY
NOT FOR CONSTRUCTION
Traffic Control

Phase 11 – Water St / King St
Traffic Control

FULL DETOUR PHASE 12 (PA 147 South)

FULL DETOUR PHASE 12 (PA 147 North and US 11 South)

PRELIMINARY NOT FOR CONSTRUCTION
Traffic Control

Phase 12 – Water St / King St / Front St
Traffic Control

FULL DETOUR
PHASE 13
(PA 147 Northbound and Southbound)

PHASE 13
(NO US 11 Detour)

PRELIMINARY
NOT FOR CONSTRUCTION
Traffic Control

Phase 13 – King St – Priestley Ave to Bridge
Traffic Control

PHASE 14

PHASE 15

PRELIMINARY
NOT FOR CONSTRUCTION
Outreach, Comments and Questions

• Public Outreach
  ➢ Outreach to Businesses, Shikellamy School District, EMS and the Community
  ➢ Alterations of Phasing
  ➢ Conflicting Needs
  ➢ Public Officials Meeting
  ➢ Public Meeting Held in August
Outreach, Comments and Questions

PHASES 14 AND 15 CONSTRUCTION ALTERNATIVE

PHASES 14A AND 15A

PHASE 14A
US 11 Southbound

PHASE 15A
Orange St

PHASE 14B AND 15B

PHASE 14B
Us 11 Southbound

PHASE 15B
Hanover St

PRELIMINARY
NOT FOR CONSTRUCTION

PRELIMINARY
NOT FOR CONSTRUCTION
Outreach, Comments and Questions

• Business Access
  ➢ Business Access Will Be Maintained

• Residential Access
  ➢ Limited Number of Driveways Will Be Affected During Construction
  ➢ Park Along Side Streets and Use Sidewalks
Outreach, Comments and Questions

• Parking During Construction
  ➢ Parking Restrictions Along Detour Routes
  ➢ Parking Restricted Along Front St
Pedestrian Crossings

- Fluorescent Yellow-Green Crosswalk Signs
- Coordination with Northumberland Borough is Ongoing
Borough Streets During Construction

- Police Will Monitor and Enforce Non-Local Truck Restrictions

- Signed Detours

- Damage to Signed Detours
Outreach, Comments and Questions

• Pineknotter Days
  ➤ Contractor Restrictions

• Contractor Coordination Throughout Project
• Night Work
  - Night Work – Potential Reduction in Construction Duration
  - Additional Work Shifts – Day and Night
• Phase 10
• Phase 13
  ➢ Full Width vs Half Width
QUESTIONS?
Contact Information

PennDOT Project Manager
Chris Neidig
(570) 368-4391
cneidig@pa.gov

Larson Design Group Project Manager
Jon Sweeley
(570) 323-6603
jsweeley@larsondesigngroup.com