Open House Public Meeting

S.R. 3009, Section A20
South Park & Logan Road
Intersection Improvement Project

Municipality of Bethel Park,
Allegheny County
Bethel Park Municipal Building
5001 West Library Avenue
January 18, 2018
Purpose of Meeting

Here tonight to discuss:

• Project Need
• Location
• Public Outreach
• Funding : HSIP/Safety Improvement
• Project Overview/History & Characteristics
• Safety Enhancements / Improvements
• Construction Phasing / Traffic Control
• Business / Residential Access and Parking Impacts During Construction
• Plan overview
• Anticipated Design / Construction Schedule
• Estimated Construction Cost
Project Team

PennDOT
Richard Yakupkovic, P.E., Acting ADE Design Division

Cherie DiDomenico, Project Manager Design

John Myler, P.E., Assistant Construction Engineer

Tyler Mercer, P.E., Assistant Environmental Project Manager

Titus D. Brookins, Real Estate Specialist, Right Of Way

Consultant Team

Alan Bailey, P.E., Project Manager, SPK Engineering Inc.

David Piccolomini, Vice President Highway Admin., SPK Engineering Inc.

Domenic Piccolomini, P.L.S., CEO SPK Engineering Inc.
Purpose of Meeting - Project Needs

- S.R. 3009, Section A20 Project (South Park Road) – Intersection Improvement:
  - Congestion relief - Traffic analysis of the existing intersection warrants left turn lanes at each leg of the intersection
  - Safety - Reportable rear end and angle accidents occur at the intersection.
Satellite Overview

Proposed Work

• Widening to add a 10’ turn lane from South Park Rd to Logan Road and 2 (12’) lanes.

• Updating Signalized Intersection.
Public Outreach

- Public Meeting Notice Letters were sent to 6 Public Officials on December 15, 2017
- Public Meeting Notice posted in the Post Gazette Newspaper on Sunday January 11, 2018
- Public Meeting Notice letters were mailed to residents and businesses within the Project on December 20, 2017
- PennDOT Press Release issued for the Public Meeting on January 11, 2018
- Public Meeting Information is posted on the Municipality of Bethel Park Website January 4, 2018
- Comment Forms (located on sign-in table) may be filled out this evening, mailed in at later date or email at cdidomenic@pa.gov
- Please sign at the table before you leave
The S.R. 3009 (South Park Road) corridor has been in service within Allegheny County dating back to 1886. SR 3009 a main corridor for Bethel Park which has many businesses and nearly 32,000 residents.

- In 1925, Reinforced Cement Concrete Pavement 9” in thickness was constructed with unknown subbase material – 18 foot width

- From 1960 to present various layers of overlay with bituminous and maintenance milling and paving – in 1969 the roadway was widened to 22’ using bituminous material.

- Anticipated 2019 Intersection Improvement with widening.
Project Characteristics

• S.R. 3009 (South Park Road) is an Urban Community Arterial Highway

• Proposed work:
  
  – Project is located within the Municipality of Bethel Park, at a signalized intersection
  
  – Variable 21.5’ to 34’ wide curbed roadway section throughout
  
  – Shoulder width 2.4’ to 5.1’
  
  – Project length is 487 feet (0.092 Miles)

• Average Daily Traffic (ADT) of 22,627 vehicles in 2019 (Year of proposed work)
  
  – Design Year ADT is 23,038 (2039)
  
  – Percent trucks is 8% (1,810 trucks/day)
  
  – The Posted Speed Limit is primarily 35 MPH.
Proposed Improvements

• Replace Existing Traffic Signal - New Foundations will include Sub-surface Utility Engineering.

• Left Turn Lanes from South Park Rd (S.R. 3009) onto Logan Road (S.R. 3010)

• Drainage improvements – Bicycle safe grates for inlets & Cross Pipe Cleaning

• Signing and Pavement Marking Updated

• ADA Curb Ramp Installations

• Milling and Resurfacing with widening
Safety Enhancements

- Traffic Signal Replacement:
  - Higher visibility thermoplastic 24” “Piano Keys” crosswalk markings
  - Reflective signal back plates
  - New LED vehicular and pedestrian signal heads

- ADA Curb Ramp Installations/Alterations
  - Install updated Pedestrian ADA Curb Ramp & Push Button Supports

- Pavement Marking Upgrades
  - Durable thermoplastic pavement markings
• ADA Curb Ramps
  - Example of new ADA curb ramp installation on corner of intersection
Proposed Traffic Control

- Proposed Traffic Control Restrictions:

  No Detours during Construction

  Using short term lane restrictions, with 3 phases of lane restrictions.

  Phase 1: Construct NB Lanes
  Phase 2: Construct SB Lanes
  Phase 3: Construct center Lane.

  This project will take 1 construction season
Impacts During Construction

• Business/Residential Access During Construction
  - South Park Road (S.R. 3009) and Logan Rd (S.R. 3010) traffic will be maintained at all times within the project
  - Pedestrian access will be maintained during construction for residences
  - Utility Relocation of electric poles
  - For ADA Curb Ramp Construction
    • No sidewalk work is proposed, except for the ADA curb ramps
Construction Typical Sections

Typical Superelevated Section
SB 2009
South of intersection
Not to scale

Typical Superelevated Section
SB 2009
North of intersection
Not to scale

Existing Pavement
Proposed Widening

Pennsylvania Department of Transportation
PRELIMINARY
For study purposes only
Preliminary Line and Grade Plans
Preliminary Line and Grade Plans

LEGEND

- Existing pavement
- Proposed sidewalk
- Proposed concrete curb
- Proposed drive adjustment
- Proposed pedestrian walkway
- Cut slope
- Fill slope

 pennsylvania
 DEPARTMENT OF TRANSPORTATION
Anticipated Schedule and Costs

- **Anticipated Project Schedule:**
  - Prior Utility Work, by Duquesne Light to move poles: **Summer/Fall 2018**
  - Project Bid Opening Date: **Winter 2018/2019**
  - Construction Start Work Timeframe: **Spring 2019**
  - Project Completion Date: **Fall 2019**

- **Construction Cost:**
  - Approximately **$2 Million**
Project Input/Feedback

- Opportunity to address any questions you may have?

- Plans are located on tables for viewing

- Comment Forms (located on sign-in table) may be filled out this evening, mailed in at later date or email cdidomenic@pa.gov
Name:_______________________________________________________________
Address:_____________________________________________________________
Phone Number:_______________________________________________________

Please provide any comments or questions you may have related to the S.R. 3009, Section A20 Project?
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________________________________________________________________________
________________________________________________________________________
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Please fill out comment form this evening or it may be mailed in at later date to the following address:
Cherie DiDomenico  
PA Department of Transportation  
Engineering District 11-0  
45 Thoms Run Road  
Bridgeville, PA 15017  
412-429-4868  
cdidoomenic@pa.gov