Culvert Replacement Projects

SR 30 (Ardmore Boulevard)
Sections A31 and A32
Borough of Forest Hills
Allegheny County, PA
Project Team

CDR Maguire:
- Matt Macey, P.E. – Project Manager
- Joe Sasso, P.E. – Roadway Lead

PennDOT District 11-0:
- Mark Krajcovic, P.E. – Project Manager
- Mark Young – District Environmental Manager
- Nick Krobot, P.E. - Assistant Environmental Project Manager
- Steve Cowan – District Press Officer

Direct questions to Mark Krajcovic, P.E. at 412-429-2812
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Please complete the survey at the end of the presentation.
The purpose of the project is to maintain safe and reliable crossings of Ardmore Boulevard over Falls Run. The scope of work for the project is to replace the existing culverts with new concrete box culverts.

The purpose of this presentation is to introduce the project to the public and gather feedback of the proposed park impacts for Section A31.
This project will be completed in 2 phases. SR 30 will not be detoured and the project will take approximately 9 weeks to complete

- 4 weeks for Phase 1 (A31 culvert)
- 5 weeks for Phase 2 (A32 culvert)
SR 30, Section A31

- Existing culvert:
  - Normal (perpendicular) span of 12-ft
- Will be replaced with:
  - Reinforced concrete box culvert
  - 14-ft wide x 10-ft high

- A31 project limits:
  - 700-feet to the west
  - 800-feet to the east
- Total project length of approximately 0.284-miles.
The project will take approximately 4 weeks to complete.

SR 30 will not be closed and detoured.

- Work will be completed on half of the road at one time.
- Traffic patterns will be as shown on the next slide.

Forest Hills Park impacts will be minimal and only occur in the area directly adjacent to the culvert. In addition, there will be no impacts to the baseball field or any other park amenities.
SR 30, Section A32

- **Existing culvert:**
  - Clear span of 8-ft
- **Will be replaced with:**
  - Reinforced concrete box culvert
  - 10-ft wide x 5-ft high

- **A32 project limits:**
  - 952-feet to the west
  - 938-feet to the east
- **Total project length of approximately 0.358-miles.**
• The project will take approximately 5 weeks to complete.
• SR 30 will not be closed and detoured.
  – Work will be completed on half of the road at one time.
  – Traffic patterns will be as shown on the next slide.
TRAFFIC CONTROL NARRATIVE

PHASE A - SHIFT EASTBOUND AND WESTBOUND TRAFFIC TO OUTER LANE FOR SINGLE LANE TRAFFIC PLOW TO PROGRESS WITH PHASE B.

PHASE B - MAIN COUNTERFLOW LANE OPERATING AS OUTER LANE.

PHASE C - CLEAR MAIN COUNTERFLOW LANE OF TRAFFIC PLOW FOR CHILDREN'S DAYCARE CENTER.

PHASE D - SHIFTS MAIN COUNTERFLOW TRAFFIC TO OUTER LANE TO CLEAR CHILDREN'S DAYCARE CENTER.

PHASE E - SHIFTS MAIN COUNTERFLOW TRAFFIC TO OUTER LANE BLANKET CONTRA FLOW TRAFFIC ON THE EASTBOUND SIDE OF THE ROAD.

PHASE F - MAIN COUNTERFLOW LANE OPERATING AS OUTER LANE.

LEGEND

- Phase A Direction of Travel
- Phase B Lane Lines
- Phase C Direction of Travel
- Phase D Lane Lines
- Work Zone

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The transportation design-making process includes feedback from public. In addition, public outreach is part of the NEPA (National Environmental Policy Act) process:

• NEPA requires agencies to integrate environmental values into their decision-making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions.
• NEPA also includes public involvement activities and gathering feedback from the public.
Project Survey

Please complete the survey below in order to provide feedback:

https://www.surveymonkey.com/r/7M82W35