new jersey department of transportation

Route 41 and Deptford Center Road

Intersection Improvement Project – Concept Development

Township of Deptford, Gloucester County

Public Information Center
Wednesday, May 23, 2018 6-8 PM

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| The New Jersey Department of Transportation (NJDOT) is committed to developing transportation improvements that best balance the transportation needs, the environment, community concerns and cost. NJDOT will hold a **Public Information Center (PIC)** to inform local residents, officials, and the business community about the **Preliminary Preferred Concept for the** **Route 41 and Deptford Center Road, Intersection Improvement Project.** You are encouraged to participate by providing comments at the meeting, by mail, or e-mail.THE MEETINGThe PIC meeting will be held at the **Deptford Township Municipal Building, 1011 Cooper Street, Deptford, New Jersey 08096 on Wednesday, May 23, 2018 from 6-8 PM**. You will have an opportunity to review exhibits of the concept plan, ask questions and share information with NJDOT staff members. Property owners of rental units are advised that tenants are also invited and encouraged to participate. PROJECT BACKGROUNDThe intersection of Route 41 and Deptford Center Road is a signalized intersection located near the Deptford Mall. Within the project limits, Route 41 is classified as an Urban Minor Arterial. The posted speed of Route 41 within the limits of this project is 50 mph. Route 41 runs primarily south to north, with a variable width concrete/striped median. The travel lanes are 12 feet (one in each direction), the outside shoulder varies from 0 to 10 feet, and the inside shoulder is approximately 1 foot. There are left turn slots and two-way left turn lanes throughout the corridor. Deptford Center Road is classified as an Urban Major Collector. The posted speed of Deptford Center Road within the limits of this project is 25 mph. Deptford Center Road runs primarily west to east and has no median. The travel lanes are 12 feet (two in each direction) and there are no shoulders. There are left turn slots and two-way left turn lanes throughout the corridor. PROJECT PURPOSEThe purpose of this project is to provide a solution to correct geometric deficiencies, reduce traffic delays, and lessen crash incidents at the signalized intersection. Based on the Tier 1 Screening Report, the intersection of Route 41 and Deptford Center Road experiences delays for left turn vehicles. Left turn vehicles from Deptford Center Road eastbound to Route 41 northbound experience delays of two signal cycles in the AM peak and one cycle in the PM peak. In addition, left turn vehicles on Route 41 northbound and southbound are not directly opposite each other creating sight distance issues. As per the Bureau of  | Commuter Mobility Strategies (CMS), this location is ranked 12 out 213 - High Need Signalized Intersection and a congestion score of 7.08 out of 10 (highly congested). The NJDOT Safety Management System (SMS) has given the intersection a Preliminary Safety Score of 5 (moderate crash rate).**PRELIMINARY PREFERRED ALTERNATIVE (PPA)**The Preferred Preliminary Alternative (PPA) concept for the improvement of the signalized intersection consists of the following key components:* Remove the center islands on Route 41, realign the lanes on Route 41, and 2-foot widening of Route 41 northbound, north of the intersection, to accommodate an extra thru-lane;
* 11-foot widening of Deptford Center Road westbound to accommodate an extra left-turn only lane traveling from Deptford Center Road eastbound to Route 41 northbound;
* Soften the Route 41 southbound right turn movement to Deptford Center Road westbound and the Deptford Center Road eastbound right turn movement to Route 41 southbound to accommodate large truck movements;
* Add a 10-foot shared-use path on the southbound side of Route 41 from Melvina Road to the bridge across Route 42 and on the westbound side of Deptford Center Road; and
* Add a 5-foot sidewalk on Route 41 northbound, north of the intersection.

ESTIMATED PROJECT SCHEDULE* Start Final Design: Spring 2020
* Start Construction: Spring 2022
* End Construction: Winter 2022

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