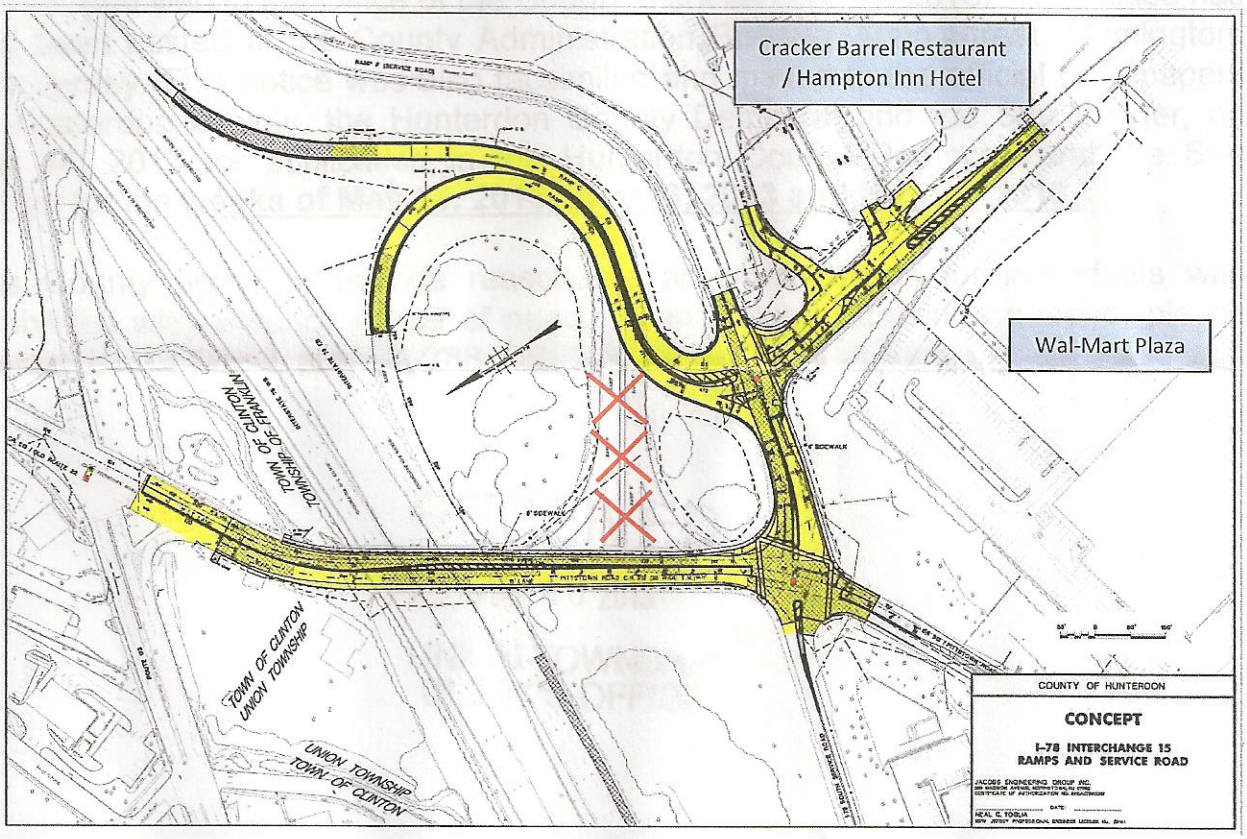
PRELIMINARY AND FINAL DESIGN OF IMPROVEMENTS TO CR 513 / INTERSTATE 78 INTERCHANGE (INTERCHANGE 15) FRANKLIN TOWNSHIP, UNION TOWNSHIP, TOWN OF CLINTON, CLINTON TOWNSHIP

In recent years, the interchange of Interstate 78 with County Route 513 has represented a growing source of recurring congestion, driver frustration and safety concerns to the motoring public. Congested conditions, excessive vehicle queuing and driver delays are the norm rather than the exception during peak travel periods, particularly during the evening commuter peak period when a mix of employment related and retail / shopping trips utilize and traverse the interchange. Continued growth in travel demand and the mix of commuter, retail patron and commercial/institutional traffic flows within and proximate to the interchange is exacerbating these conditions. The issue at the center of the congestion problems is the closely spaced signalized intersections of CR 513 with the Service Road and CR 513 and the Interstate 78 EB entrance/exit ramps. The two intersections are separated by less than 250 feet, and both intersections involve a high volume of turning movements.

The goal of this project is to improve safety, reduce traffic congestion and address roadway deficiencies such as alignment, length of deceleration lanes and left turn lanes and pedestrian facilities. The project proposes to eliminate the existing signalized intersection connecting the ramps to/from eastbound Interstate 78 and CR 513 (Pittstown Road) by realigning the ramps. The ramps to/from Eastbound Interstate 78 would be aligned to intersect with the south Service Road at a new signalized intersection. This improvement eliminates the need for a significant portion of the turning movements from the ramps onto CR 513 by directing highway traffic and truck traffic directly to a service road accessing the retail and commercial properties on the east side of CR 513.

To improve the function and safety of the new intersection, the proposed plan seeks to combine the existing dual driveways separately accessing the Wal-Mart Plaza and the Cracker Barrel/Hampton Inn Property into a single shared driveway. This improvement eliminates safety issues associated with closely-spaced unsignalized driveways.



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