

North Texas Tollway Authority

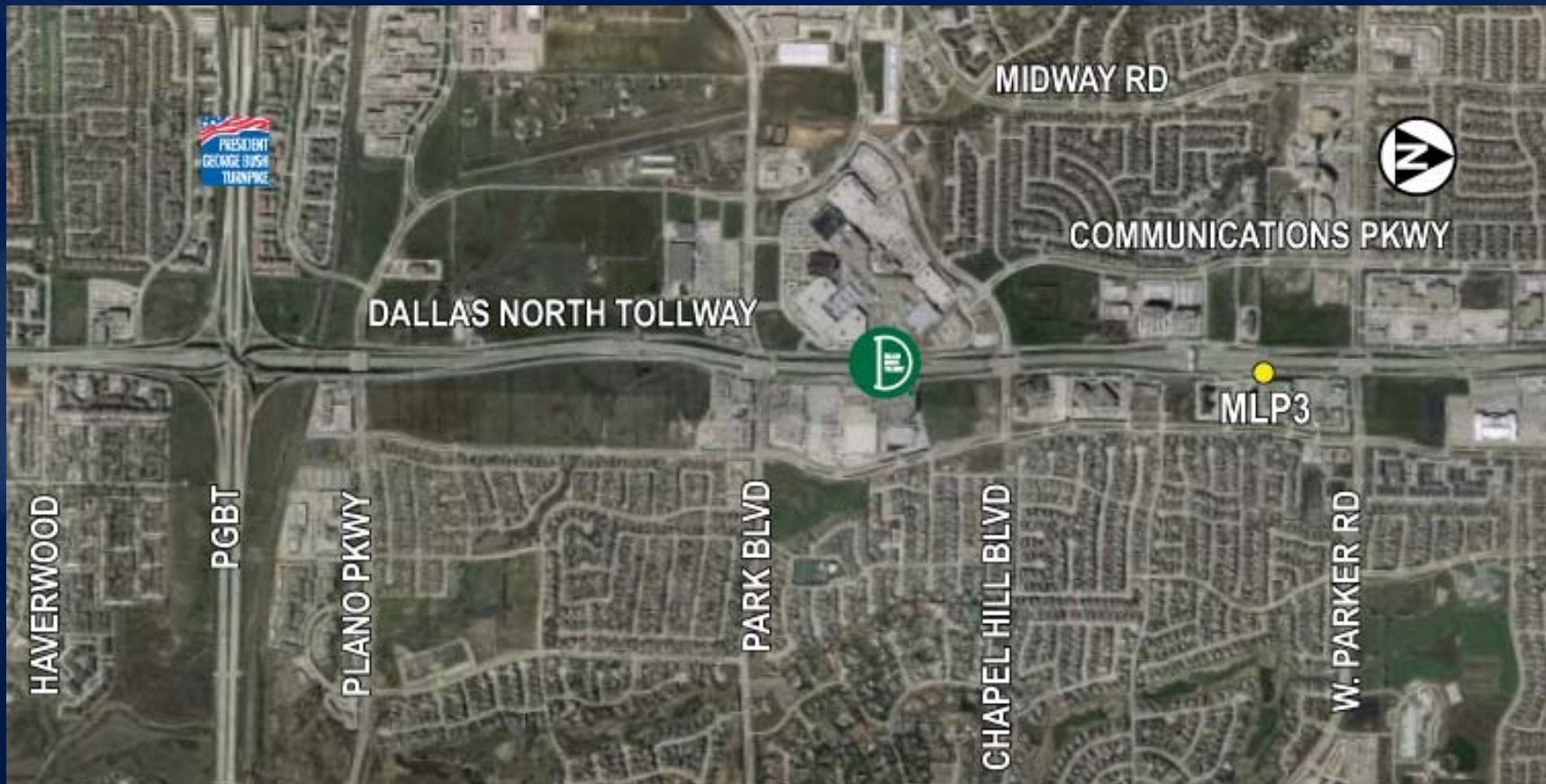
Proposed Northbound DNT Ramp Modifications From PGBT To Parker Rd.

Presented to:

Plano City Council

August 27, 2007

LOCATION MAP



Background

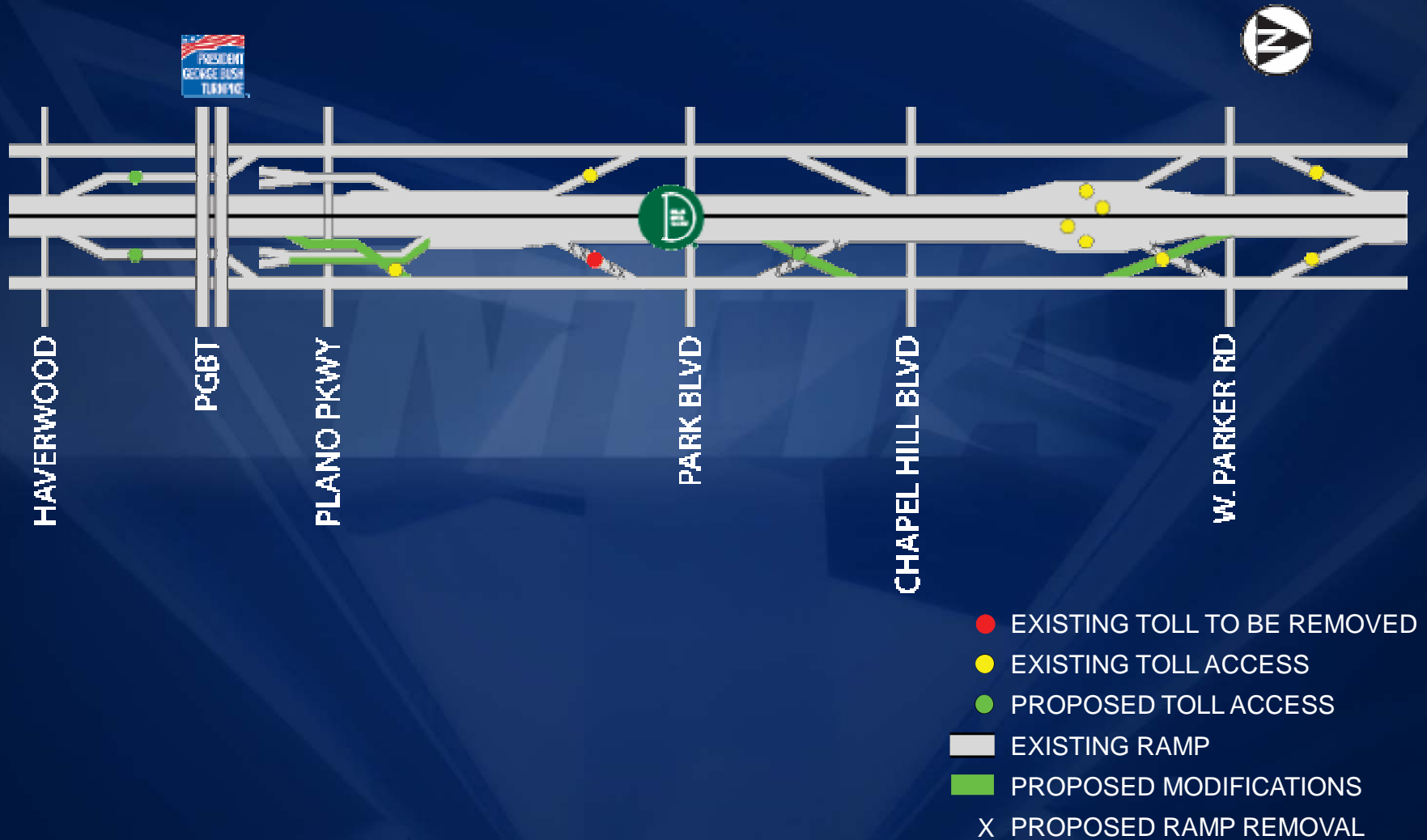
City of Plano and NTTA recognized the need to improve mobility along DNT from PGBT to Parker Rd.:

- July of 2006, Wilbur Smith Associates (WSA) performed micro-simulation analysis of various alternatives along the corridor
- WSA determined that no appreciable traffic improvement would be made without widening the NB Direct Connector ramp from PGBT to DNT
- GEC presented a second set of alternatives, which included the widened direct connector, to NTTA staff in Nov. 2006 which improved traffic congestion
- City of Plano engineering staff was presented with the preferred alternative in March 2007 and approved the concept

Preferred Alternative

- 2-lane PGBT direct connector to NB DNT
- Relocate existing Park Blvd. exit ramp
 - Move exit ramp further south, braided under 2-lane direct connector (this eliminates weave with PGBT traffic)
- Replace existing Park Blvd. entrance ramp with a Chapel Hill/Parker Rd. tolled exit ramp
- Replace existing Parker Rd. exit ramp with a tolled entrance ramp
- Toll the existing Plano Parkway ramps
- Relocation of public and private utilities as well as additional ROW at Dallas Parkway/Plano Parkway (frontage road relocation) will be required

Proposed NB DNT Ramp Modifications From PGBT To Parker Rd.



Next Steps

- NTTA requests the City of Plano formally approve the preferred alternative and commit \$5 million (approximately 15% of total cost) to the construction of the proposed project.
- NTTA will procure the professional services of an evergreen consultant for design of the project
- Construction of the project is expected to be complete by 2010.

Questions?