



Hamilton

PW20063(A) / PED18008(C)
RED HILL VALLEY AND LINCOLN ALEXANDER
PARKWAYS FEASIBILITY STUDY

April 7, 2025

AGENDA

- Feasibility Study Scope and Key Highlights
- Potential Alternatives
- High Level Costs
- Related Initiatives
- Proposed Next Steps



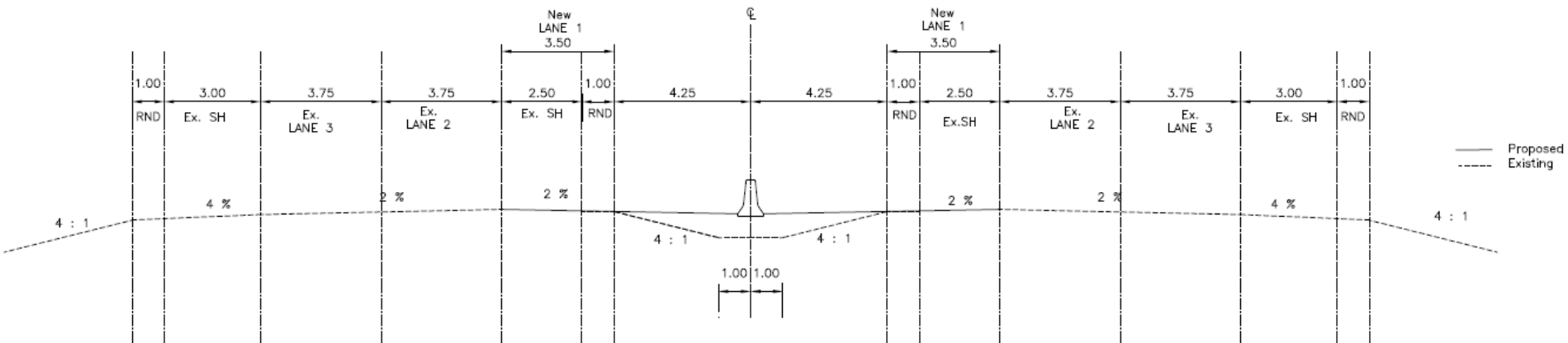
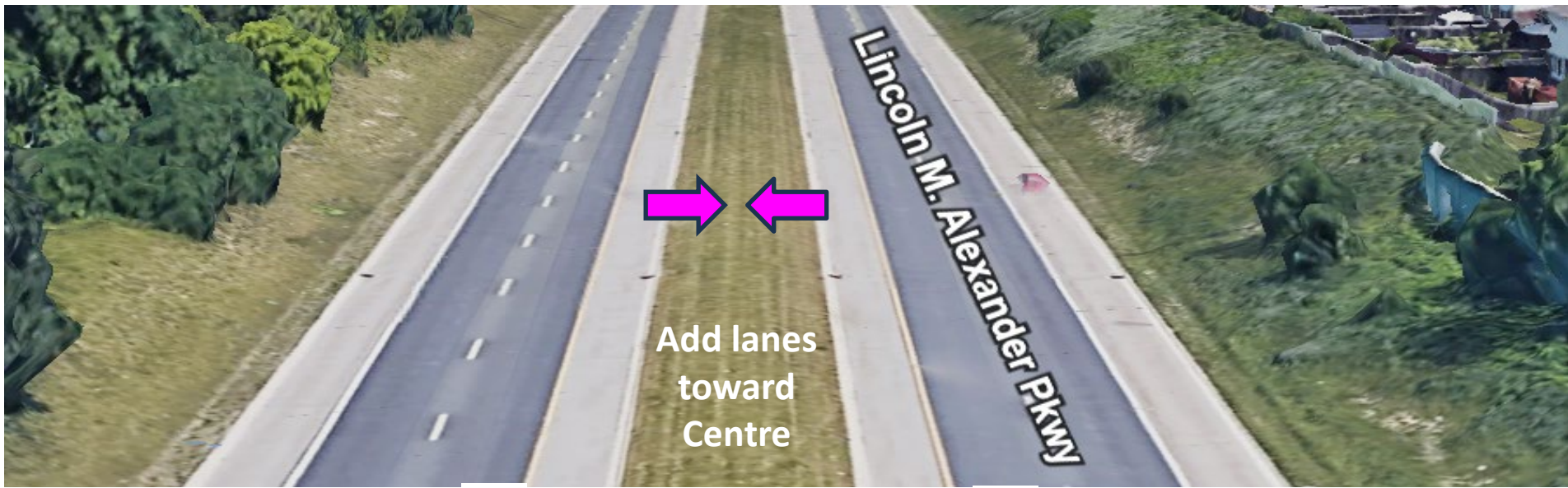
PURPOSE AND SCOPE OF FEASIBILITY STUDY

- The Feasibility Study was initiated to evaluate the short and long-term corridor needs of RHVP and LINC.
- Answers the question: Is it feasible to provide additional lanes on the LINC and RHVP?
- Feasibility study is the first step in the multi-phased Environmental Assessment Process
- Study includes an initial evaluation of alternatives, but further public consultation and Indigenous engagement is required prior to recommending a preferred solution

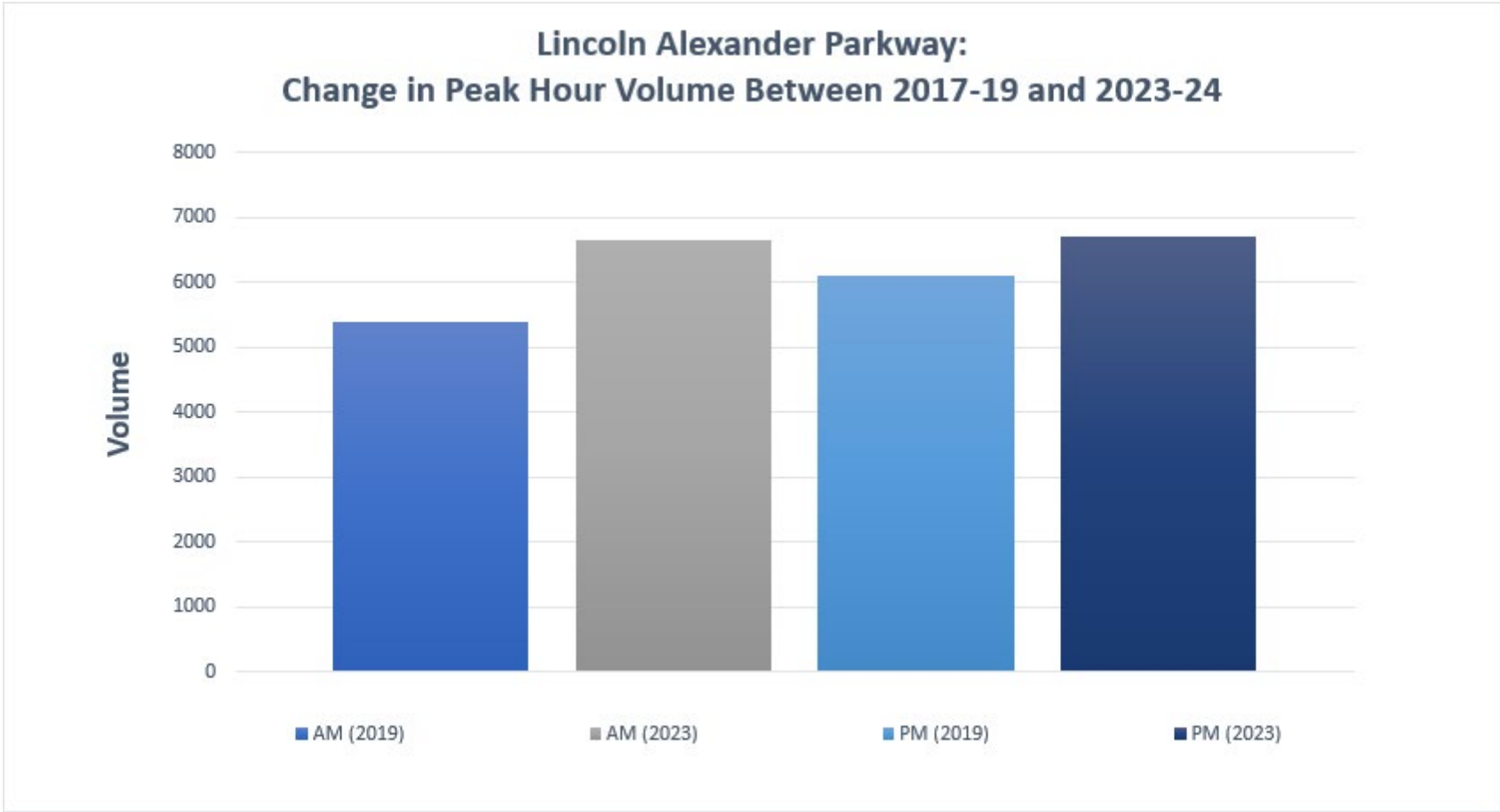


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Potential Additional Lane Alternative

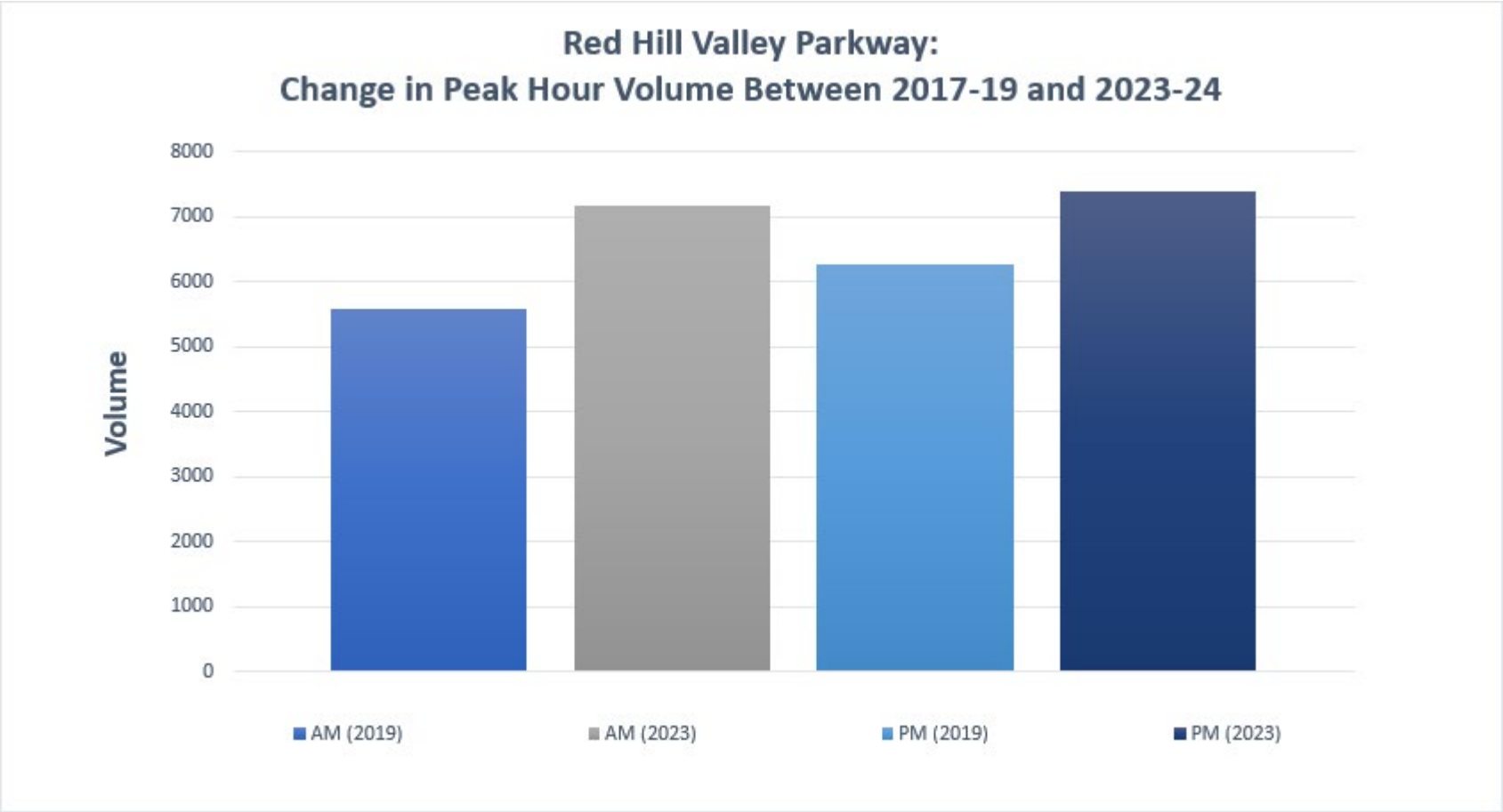


Traffic Volume Trends



Eastbound and Westbound Combined Volume

Traffic Volume Trends



Northbound and Southbound Combined Volume

Transportation Needs

- The LINC and RHVP support a variety of needs including access to business parks, access for residents which would otherwise use parallel streets, regional and provincial goods movement and through traffic.
- As part of the (Re)envision plan, additional HSR services are planned for the RHVP
- Based on existing volumes, both the RHVP and LINC are operating at or above capacity in the morning and afternoon rush hour periods.
- With planned City growth of 236,000 people and 122,000 jobs by 2051, traffic volumes and associated congestion on the LINC and RHVP will continue to increase

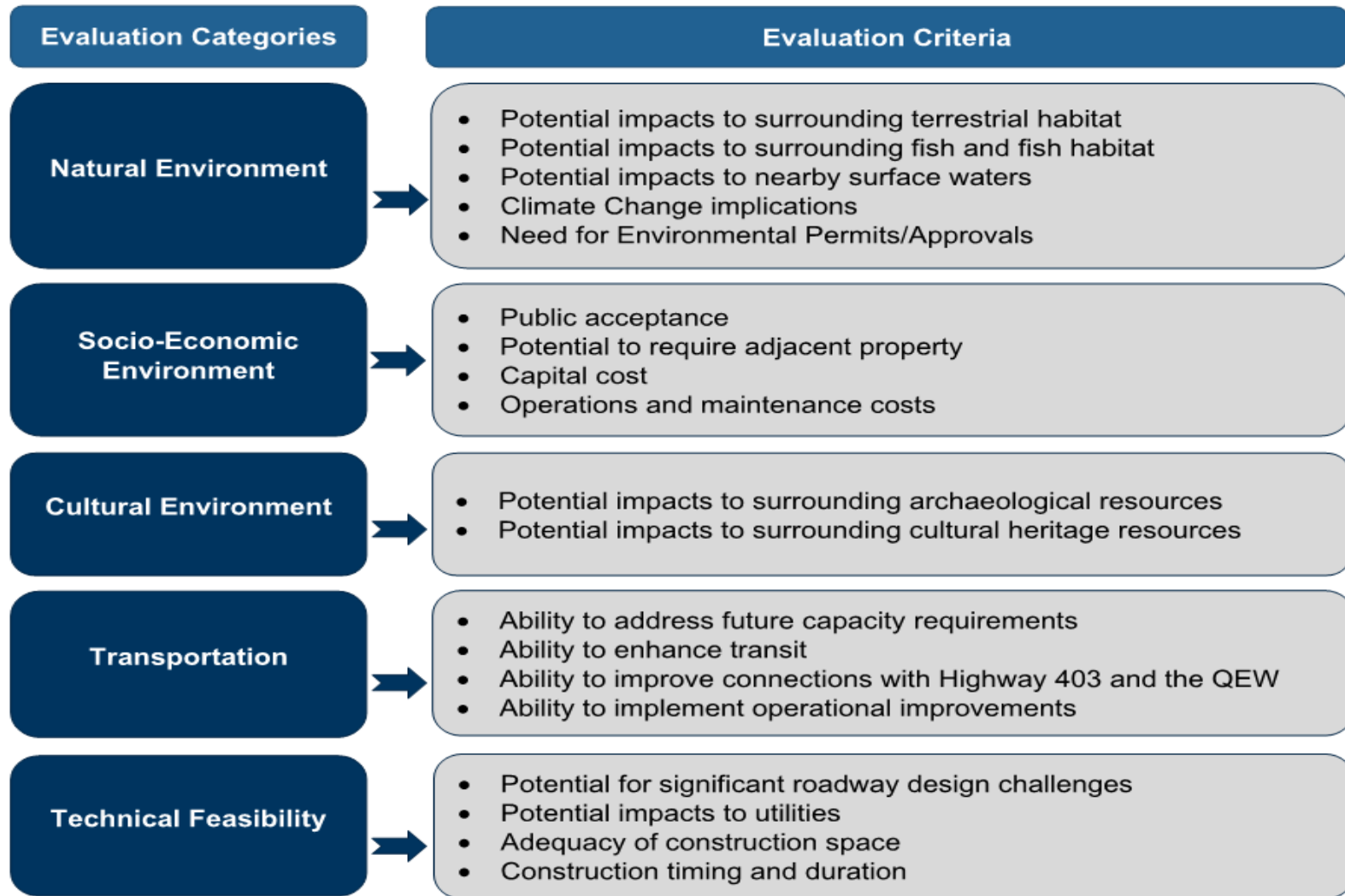
Potential Alternatives to Address Needs

- Do Nothing (no change to current conditions);
- Managed Lanes (such as High-Occupancy Vehicle (HOV) lanes or transit only lanes);
- Improved active transportation facilities;
- Localized locations to add lanes;
- Additional lanes on both parkways;
- Improved connections to the Queen Elizabeth Way and Highway 403; and,
- Improved Transit Accessibility.

Potential Improvement Alternatives

- The technical work completed to date concludes that it is feasible to provide one additional travel lane in each direction. This can be achieved within the existing right-of-way by providing additional lanes inward toward the centre median in combination with new median barrier
- Interim solutions in advance of additional lanes are also possible including:
 - Modifications to selected interchanges
 - Additional lanes along portions of the Parkways
 - Modifications to improve operations
- Additional lanes to median can also support related infrastructure such as lighting
- Since both parkways connect to the provincial highway network improvements will be needed to address the connections at the LINC/Highway 403 and at the RHVP/QEW

Draft Evaluation Criteria



High Level Cost Estimate

- Capital Costs for full widening:
 - LINC \$81.5 M
 - RHVP \$56.2 M
- RHVP Repaving Cost in 2019
 - \$12.5 M
- Operating and Maintenance Costs (LINC and RHVP)
 - ~ \$3.9 M annually (current)

Related Initiatives

The Feasibility Study and subsequent work will inform on-going and related initiatives including:

- The Joint Stewardship Board which oversees the Haudenosaunee-Hamilton Red Hill sub-agreement on Joint Stewardship
- Discussions for potential uploading of the facilities to the Province of Ontario
- Red Hill Valley Parkway Inquiry Working Group and Action Plan
- Multi-year budgeting and 10 year capital plan

Recommendations

1. That the Red Hill Valley and Lincoln Alexander Parkways Feasibility Study Technical Report, attached as Appendix "A" to Report PED20063(a)/PW18008(c) BE RECEIVED;
2. That staff BE DIRECTED to proceed with a public and stakeholder engagement program focused on potential improvement alternatives for the Lincoln Alexander Parkway;
3. That staff BE DIRECTED to report back to Public Works Committee following the completion of the public and stakeholder engagement process with a Terms of Reference and cost estimate to undertake the next phases of the Environmental Assessment process to design the improvements for the Lincoln Alexander Parkways.



Hamilton

THANK YOU