

# LINCOLN TUNNEL HELIX REPLACEMENT PROGRAM PHASE II PLANNING

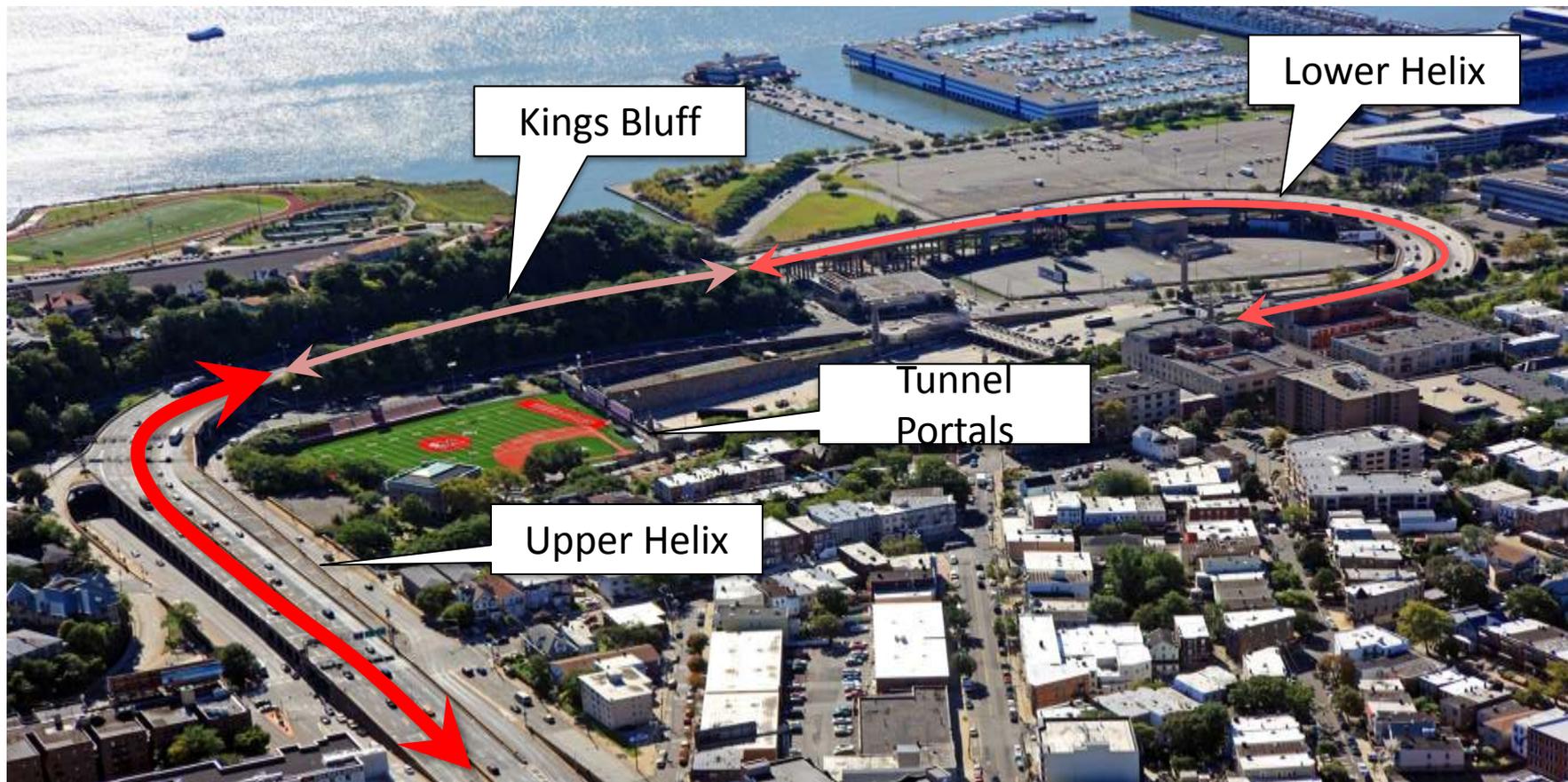
Committee on Capital Planning, Execution  
and Asset Management

September 24, 2015

# Recommendation

- Authorize \$7.9M for Phase II Planning Study to support the replacement of the Lincoln Tunnel Helix
- Authorize the Executive Director to enter into a Professional Services Agreement for concept Development and Traffic/Environmental Planning Studies

# Background/Overview



# Need for Helix Replacement Program

- Helix is structurally sound, but approaching end of useful life
- Rehabilitation Program nearing completion
- Interim construction has a 10-year lifespan
- Deterioration will continue, necessitating a full replacement

# Helix Replacement Concepts

- Preferred concept will be chosen from 6-8 alternates, in collaboration with local stakeholders
- Factors in concept selection include: environmental impacts, cost, construction staging, etc.
- Traffic and Environmental studies to be based on selected concept



# Economic Impact

- 1,930 job-years
- \$192 million in wages
- \$1.4 billion in economic activity

# Planning Cost/Schedule

**Previously Authorized (Phase 1 – Planning)      \$5.0M**

**Request for Phase II Planning Cost      \$7.9M**

**TOTAL PLANNING (Phase 1 & 2)      \$12.9M**

**Phase II Start: Q4 2015 - Completion: Q3 2017**