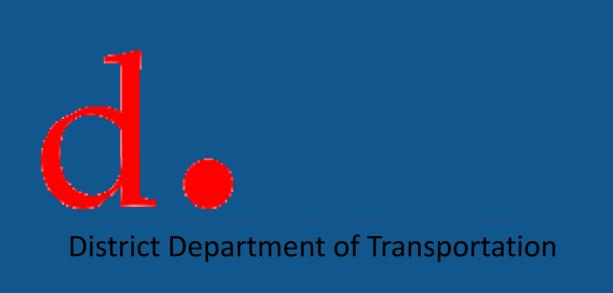
Tonight's Meeting

Open House 6:00 to 6:30 PM

Presentation 6:30 to 7:00 PM

Questions & Answers 7:00 to 8:00 PM







Concept Evaluation Process

Preliminary Concepts

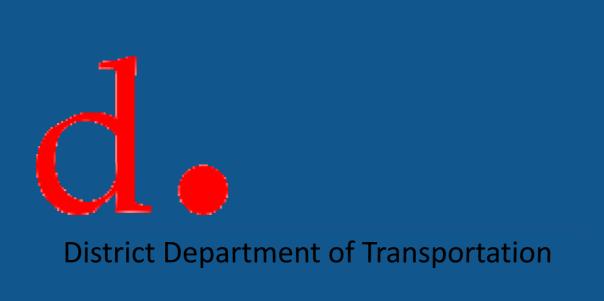
- 1. No Build
- 2. Rebuild Virginia Avenue Tunnel
 - Temporary South Side Runaround
- 3. Rebuild Virginia Avenue Tunnel
 - Temporary North Side Runaround
- 3A. Rebuild Virginia Avenue Tunnel
 - Permanent Twin Tunnels (New Tunnel on North Side of Existing VAT)
- 4. Rebuild Virginia Avenue Tunnel
 - Temporary Combination Runaround
- 5. Rebuild Virginia Avenue Tunnel
 - Permanent Twin Tunnels (New Tunnel on South Side of Existing VAT)
- 6. Rebuild Virginia Avenue Tunnel
 - Rebuild On-Line
- 7. Rebuild Virginia Avenue Tunnel
 - Temporary Reroute
- 8. Deep Bore Tunnel
- 9. NCPC Indian Head Alignment
- 10. NCPC Dahlgren Alignment
- 11. Permanent Reroute



Concepts Retained for Detailed Study

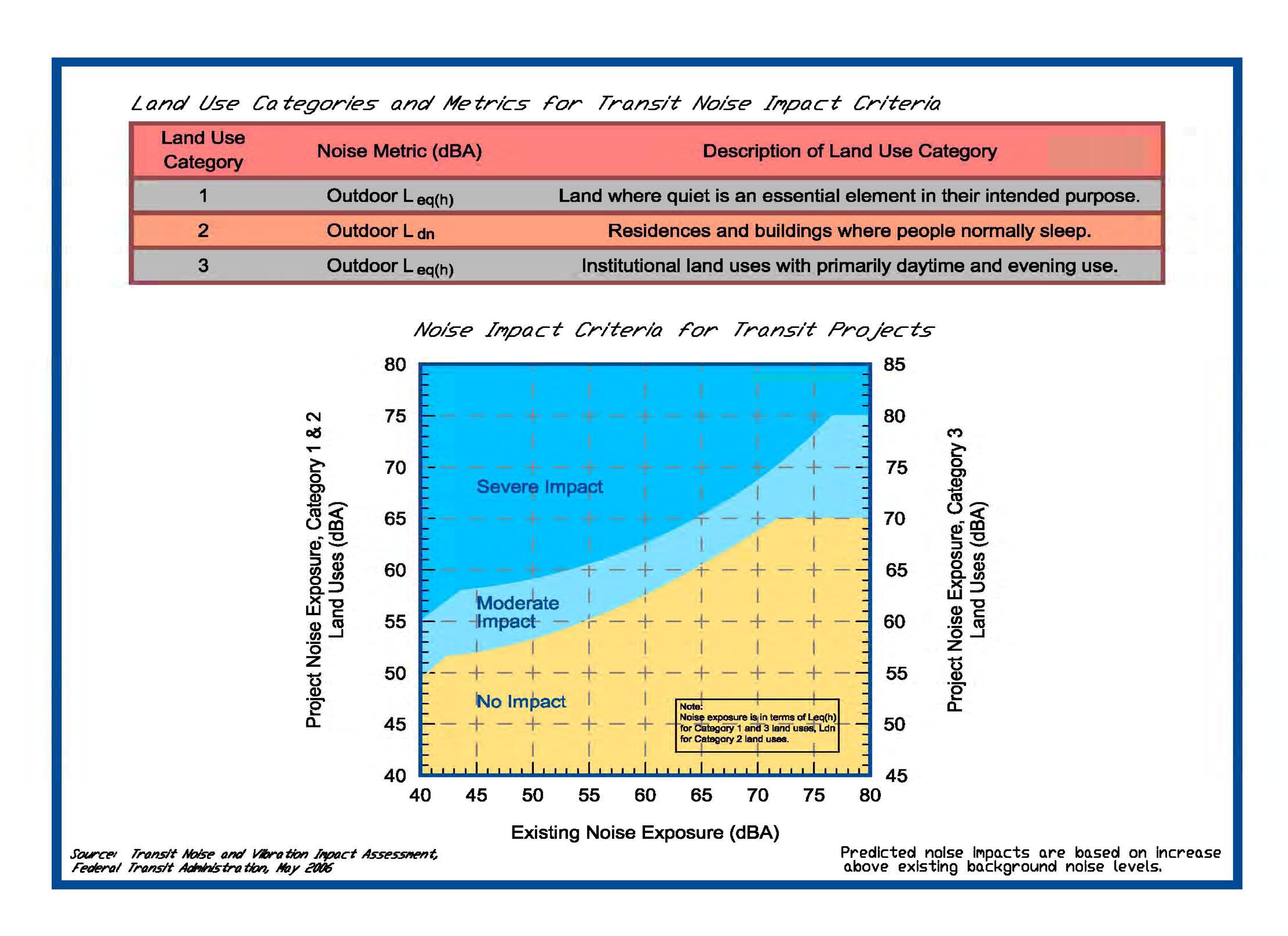
- 1. No Build
- 2. Rebuild Virginia Avenue Tunnel
 - Temporary South Side Runaround
- 5. Rebuild Virginia Avenue Tunnel
 - Permanent Twin Tunnels
- 6. Rebuild Virginia Avenue Tunnel
 - Rebuild On-Line







Rail Noise Analysis Criteria









Human Perception of Sound Level

Perceived Change in Decibel Level

Change in Sound Level Perceived Change to the Human Ear

± 1dB ----- Not Perceptible

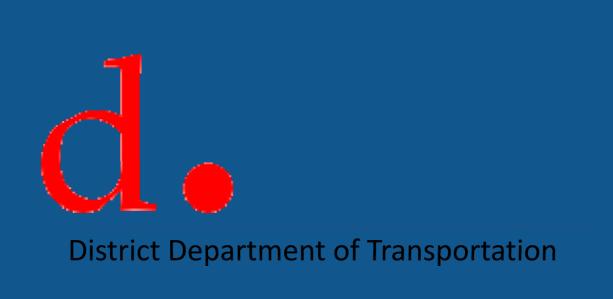
± 3 dB ----- Barely Perceptible

± 5 dB ----- Noticeable

± 10 dB ----- Twice (or Half as Loud)

Source: Highway Noise Fundamentals, Federal Highway Adminstration, September 1980







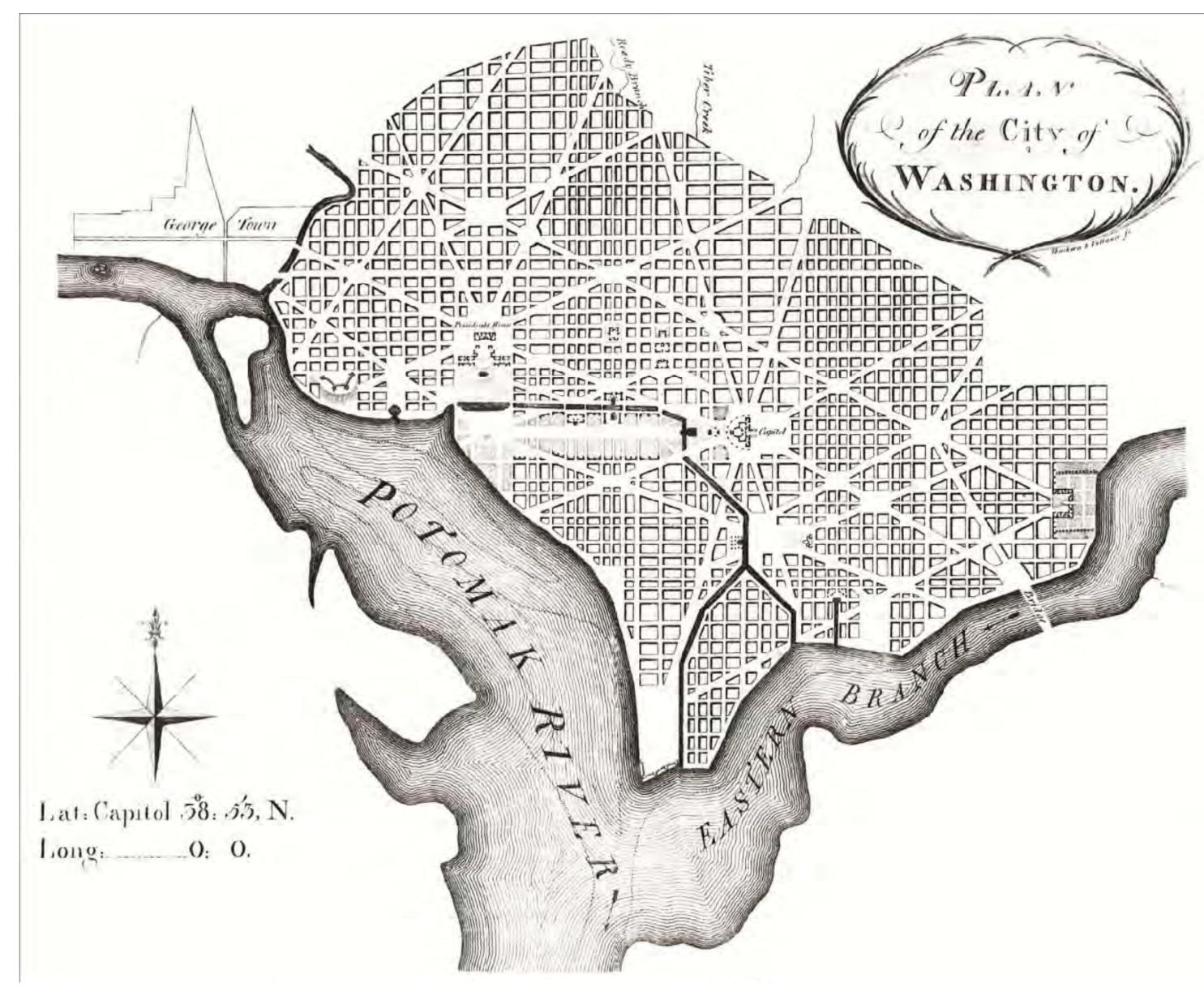
Section 106 of the National Historic Preservation Act

Section 106 of the National Historic Preservation Act as amended requires consultation with the State Historic Preservation Officer and other interested parties for any federal undertaking.

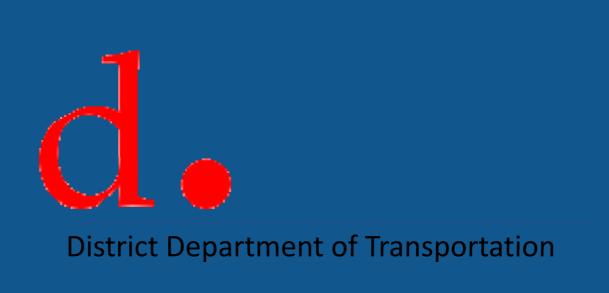
An assessment of effect on historic properties will be conducted and disclosed in the project's Environmental Assessment.

Interested parties are invited to participate.











The Section 106 Process

1. INITIATE the process [800.3]

- Establish undertaking
- Notify SHPO/THPO

- Identify tribes and other consulting parties
- Plan to involve the public

No undertaking/potential to cause effects

2. IDENTIFY historic properties [800.4] No historic

- Determine APE
- Identify historic properties
- Consult with SHPO/THPO, tribes and other consulting parties
- Involve the public

No historic properties present/affected

3. ASSESS adverse effects [800.5]

- Apply criteria of adverse effects
- Consult with SHPO/THPO, tribes and other consulting parties
- Involve the public

No historic properties adversely affected

4. RESOLVE adverse effects [800.6]

- Notify ACHP
- Avoid, minimize or mitigate adverse effects
- Consult with SHPO/THPO, tribes and other consulting parties
- Involve the public

Memorandum of Agreement

FAILURE to agree [800.7]



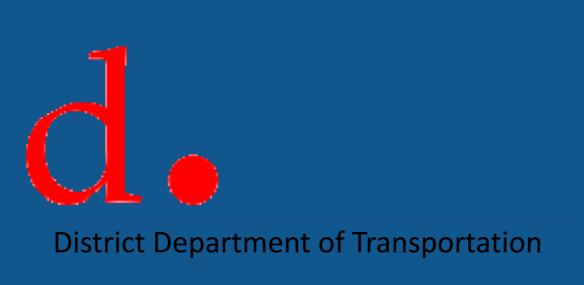
Formal ACHP comments





N

N





NEPA Environmental Process





