Logan Runway Case

Principles from Joe Coughlin’s Presentation of last week

- Environmental values are a primary concern of a minority of voters, if confronted with the dollar cost of environmentally superior outcomes (in the U.S.)
- When charging “externalities” to those who cause environmental impact, the majority perceives it as a “tax” to provide a benefit (reduced averse impact) for a minority
- Majoritarian democracy doesn’t easily perform well with such problems.
Strategies for the impacted minority
“How to sail against the wind”

• Energy and intensity can allow legislative achievement above and beyond the expected
• “Insurance” principle affects to majority. Some day you might be in the impacted minority. Public outreach, books, media
• Small jurisdictions, local control, “community control” are institutional means for impacted minorities to be significant politically
• Regulatory actions by (environmental) mission oriented agencies
• Legal actions seeking court orders, consent decrees etc.
Aviation

Nature of the Concrete Commons

• Aircraft manufacturing: Private (U.S., Foreign)

• Airlines, general aviation, FedEx: Private

• Air traffic control system: FAA (Public)
  • Regulated
  • Deregulated

• Airfield: Local Owner (Public)
  • Regulated
  • Deregulated

• Airport terminals: Local Owner (Public)

• Ground Access Systems: Local Highway, Transit, City Street

Change over time, technology: propellers - jets - large jets - small jets
Aviation
Nature of the Green Commons

- Noise:
  - Take-off & landing
  - Ground
  - Preferential runway assignment
  - Noise measurement

- Safety:
  - In Air
  - On ground
  - Commercial aviation
  - General aviation
  - Security

- Air Pollution:
  - Take-off & landing
  - Ground taxi
  - Ground access (auto, truck)
Aviation
Nature of the Green Commons

• Runoff, Groundwater
  • Chemicals
  • Fueling
  • Snow removal
• Expansion
  • Neighborhood impact
  • Habitat destruction
  • Secondary land use, parking, airfreight

Aircraft
Airline
History

1920  Construction
1960  Jets
1965  Proposed tunnel through East Boston defeated
1968  Maverick St.
1969  Neptune Road
1975  Injunction
1977  No curfew - noise rules, Massport funds health unit in East Boston
1980  Bird island flats, Harbor Park
1982  Boat control fumble
1983  Tunnel into airport
1988  PACE (peak pricing), Pierce Park
1990  Bremen St. Park
1991  Weld
1994  Tocco
2001  State MEPA approval
2001  9/11
2002  Garvey approval
2004  Massport wins in court, but court retains jurisdiction on mitigation
History

1973 14-32
1980 Injunction
1980s Congestion
1988 Peak pricing
1989 Devens
1994 Revive runway proposal
2001 Mayor/Governor panel
2002 Garvey ROD (Aug. 02)
2004 Court action