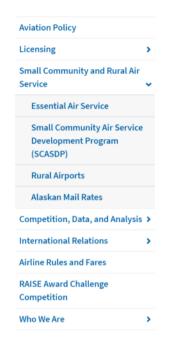
#### **SCASDP**



Home \ Mission \ Assistant Secretary for Administration \ Office of Policy \ Aviation Policy



# Small Community Air Service Development Program (SCASDP)

#### **UPDATE:**

As of January 19, 2021, the Department issued an Amendment to the November 24, 2020, NOFO. Please reference both FY 2019 Orders 2020-11-5 and 2021-1-4 (linked here) for full application details and updates. The FY 2019 NOFO Amendment is in response to the December 27, 2020, Coronavirus Response and Relief Supplemental Appropriations Act.

FY 2019 SCASDP Amended NOFO Issued: January 19, 2021

FY 2019 SCASDP NOFO (solicitation order) Issued: November 24, 2020

FY 2019 SCASDP SUMMARY FORM (\*Fillable PDF version)

#### Overview

The Small Community Air Service Development Program (SCASDP), a grant program designed to help small communities address air service and airfare issues, is managed by the Associate Director, Small Community Air Service Development, under the Office of Aviation Analysis. The Essential Air Service (EAS) and SCASDP programs are separate and unique. SCASDP's eligibility criteria are broader and provide a grant applicant the opportunity to self-identify its air service deficiencies and propose an appropriate solution. EAS is a direct subsidy to air carriers and serves a limited universe of eligible applicants. Please refer to the EAS website for additional information. SCASDP can involve, among others, revenue guarantees, financial assistance for marketing programs, start-up costs and studies.

#### **60-mile Radius**

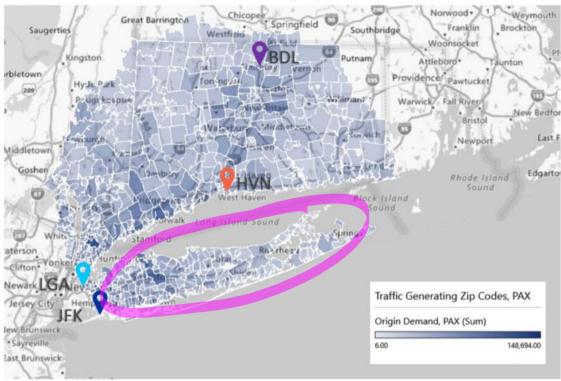
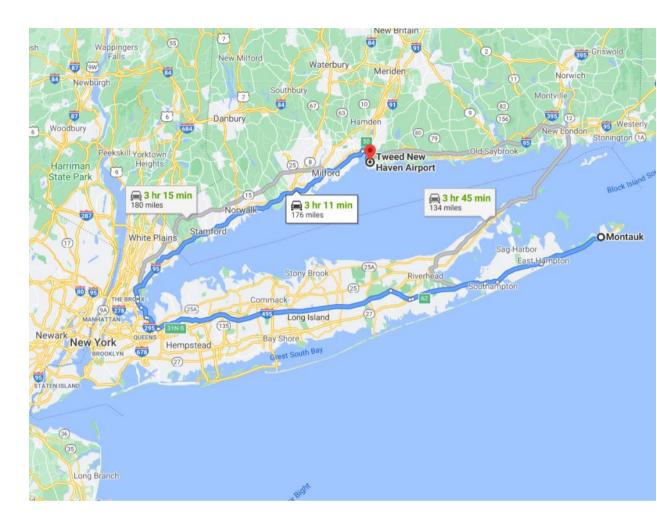
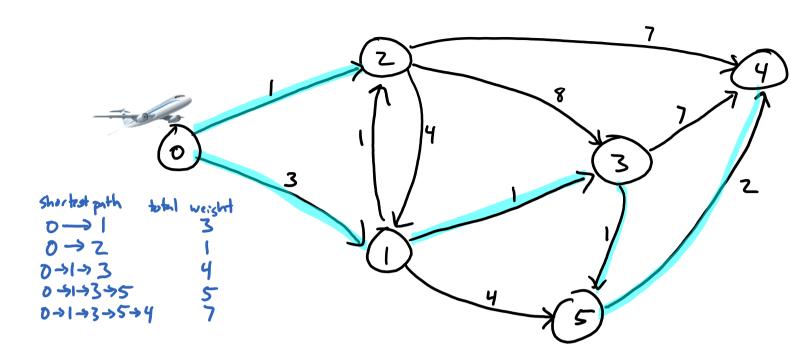


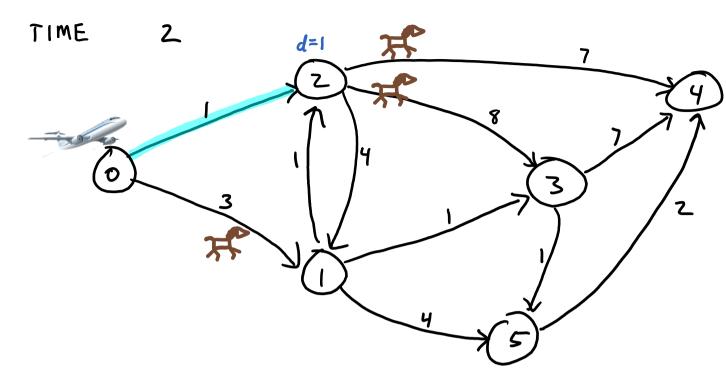
Figure 7. HVN's Catchment Traffic Generating Zip Codes within 60 mi of HVN (Resident/Origin Demand)

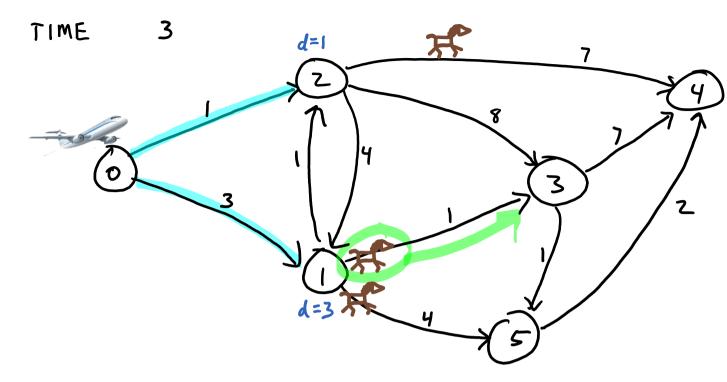
Source: ASM's HVN Catchment/Leakage Analysis, YE1Q2018, Airline Data Inc.

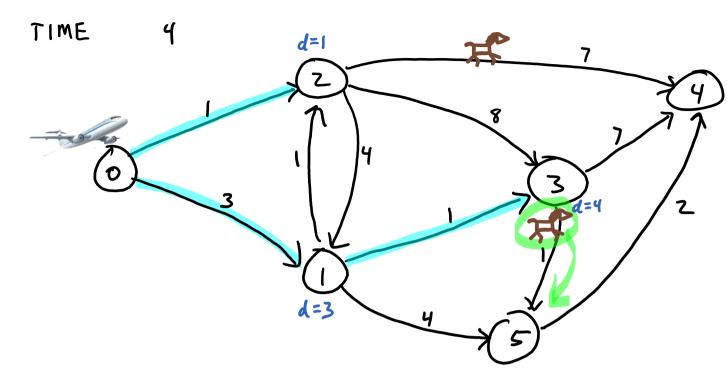
# Long Islang is a long drive from HVN

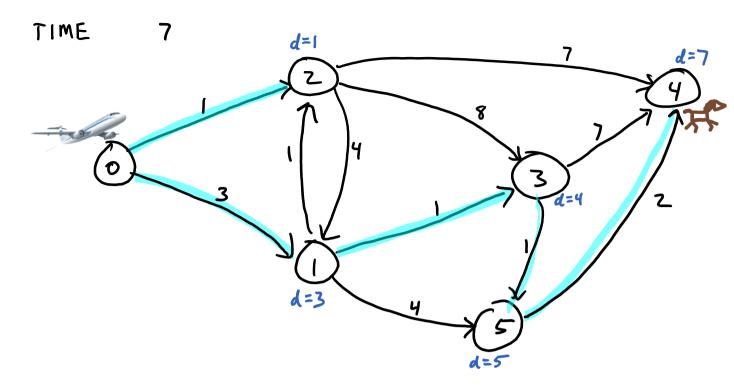


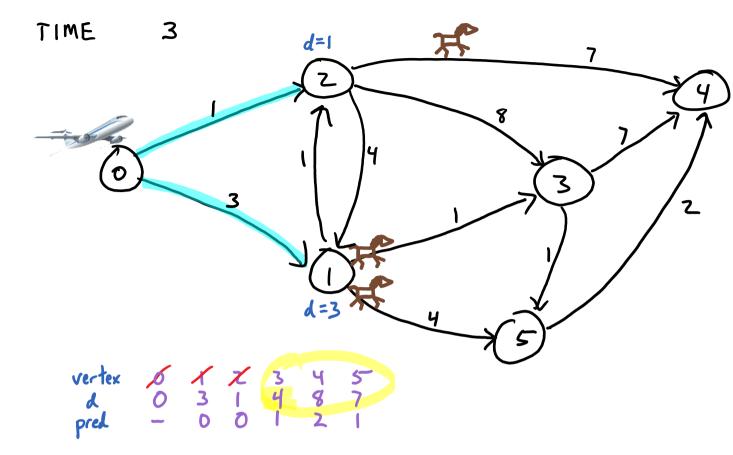


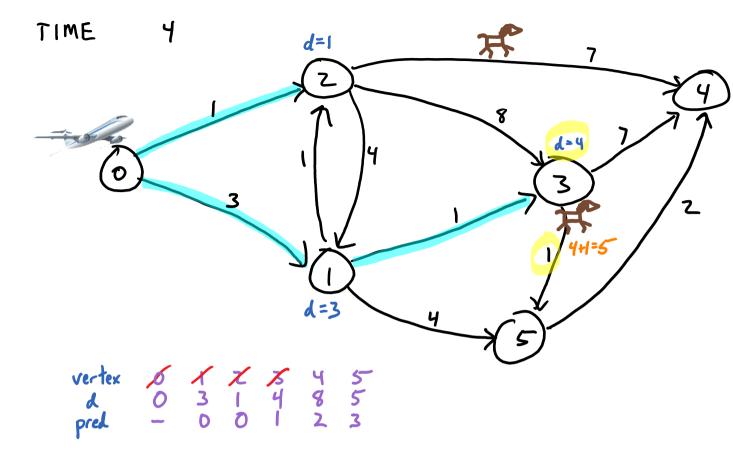


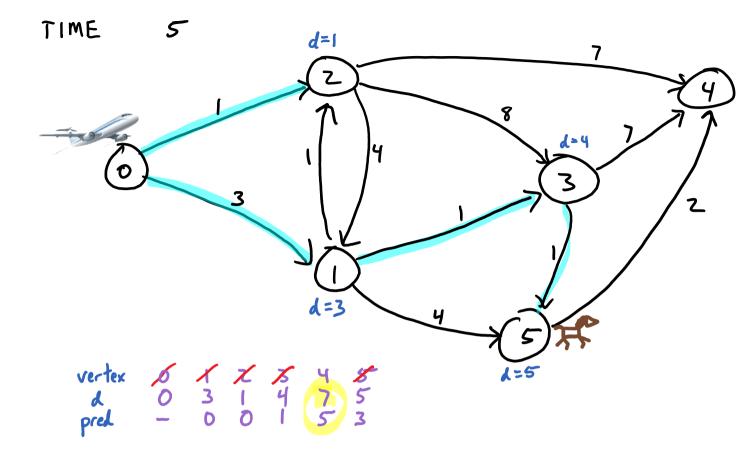


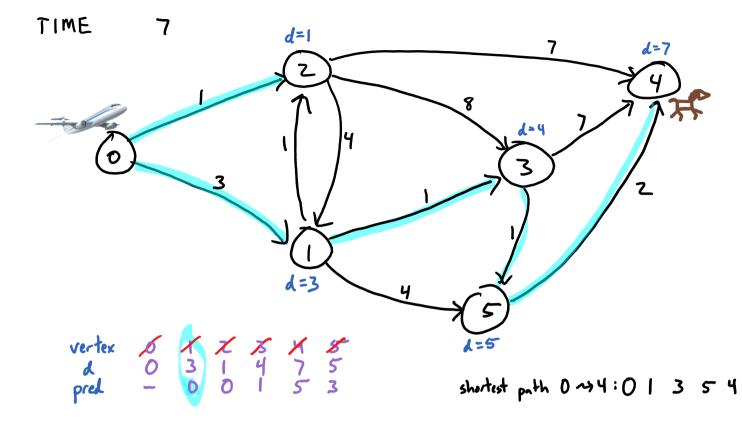


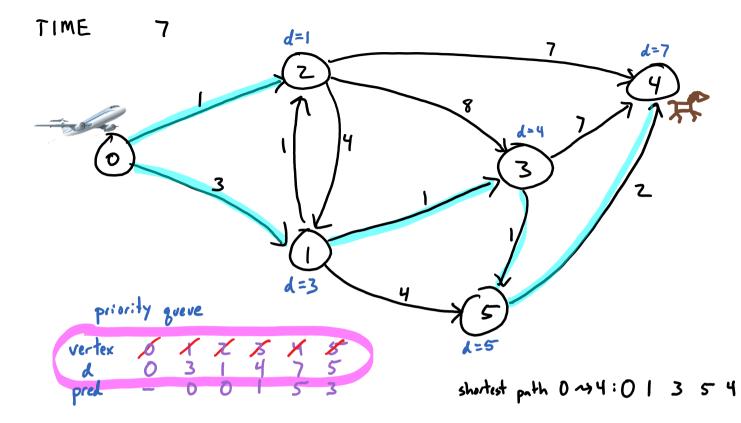












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Dijkstra's Algorithm
                          PRE: no negative weight edges
                          POST: d gives total weight of shortest paths, pred gives edges in shortest paths (00 to mean unreachable)
for each v
   color[v], pred[v], d[v] \leftarrow IN QUEUE, NIL, \infty
d[s] \leftarrow 0
Q ← new PriorityQueue(d)
while Q not empty one iteration per vertex
  u ← dequeue (Q) · calls
   for each outneighbor v of u one itemter per edge
      if color[v] = IN QUEUE and d[v] > d[u] + w(u, v)
change priority(Q, v, d[u] + w(u, v))
        d[v] \leftarrow d[u] + w(u, v)
        pred[v] \( \text{u} \)
   color[u] ← DONE
                                        adjacency list: O(n+m) + time for priority quere operations
```

Dijkstra's Algorithm PRE: no negative weight edges POST: d gives total weight of shortest paths, pred gives edges in shortest paths (00 to mean unreachable) for each v color[v], pred[v],  $d[v] \leftarrow IN QUEUE$ , NIL,  $\infty$  $d[s] \leftarrow 0$ Q ← new PriorityQueue(d) while Q not empty one iteration per vertex  $u \leftarrow degueue(Q) \land cols \qquad (log \land) coch$ total O(n los n) for each outneighbor v of u one itemter per elge if color[v] = IN QUEUE and d[v] > d[u] + w(u, v)change priority(Q, v, d[u] + w(u, v))  $d[v] \leftarrow d[u] + \psi(u, v)$  $pred[v] \leftarrow u$ O(log n) each color[u] ← DONE adjacency list: O(n+m) + time for priority givere operations O(m loca) total 0(n+m) + 0(nlogn) + 0 (mlogn) with herp: = (0 (mlog n) with unsorted array: O(mm) + 0 (n2) m & Oh) O(nlosh)

