Naples Airport Master Plan

NAA / NCC Joint Workshop – October 31, 2019

Douglas DiCarlo, Project Manager
Airport Master Planning Process

- **Project Initiation**
  - Customer and Public Outreach
  - Airport Mapping and AGIS

- **Existing Conditions**
  - Facilities, Operational, and Environmental Data
  - Conduct Tenant and Customer Interviews

- **Aviation Forecast**
  - Passengers, Operations, and Based Aircraft
  - FAA and FDOT Approval

- **Facility Requirements**
  - Capacity Assessment and Design Standards
  - Airside, Terminal, and Landside Needs
Environmental
• Natural Resources, Noise Analyses, and Waste Audit
• Sustainability, Resiliency, and Stormwater

Alternatives Analysis
• Develop Concepts and Evaluate Options
• Recommended Alternatives

Airport Layout Plan (ALP)
• ALP Drawing Set and Exhibit “A” Property Map
• FAA and FDOT Approval

Development Program
• Financial Analyses, Costs Estimating, and Funding Options
• Capital Improvement Program

Key Deliverables
• AGIS Database
• 20-Year Aviation Forecasts (including passenger service analysis)
• Capital Improvement Program
• Master Plan Document
• ALP Drawing Set
• Exhibit “A” Property Map
• General Aviation Terminal Building Assessment
• Solar Feasibility Study
Environmental
- Natural Resources, Noise Analyses, and Waste Audit
- Sustainability, Resiliency, and Stormwater

Alternatives Analysis
- Develop Concepts and Evaluate Options
- Recommended Alternatives

Airport Layout Plan (ALP)
- ALP Drawing Set and Exhibit “A” Property Map
- FAA and FDOT Approval

Development Program
- Financial Analyses, Costs Estimating, and Funding Options
- Capital Improvement Program

Key Deliverables
- AGIS Database
- 20-Year Aviation Forecasts (including passenger service analysis)
- Capital Improvement Program
- Master Plan Document
- ALP Drawing Set
- Exhibit “A” Property Map
- General Aviation Terminal Building Assessment
- Solar Feasibility Study
DEVELOPMENT OF AIRPORT DRAWINGS
Naples Airport 2018 Utilization Plan

*Approved by Naples City Council on June 13, 2018
Key Airport Drawing Sets

Airport Layout Plan (ALP)  Exhibit “A” Property Inventory Map
PRELIMINARY DEVELOPMENT PROGRAM
DRAFT INTERMEDIATE-TERM (2025-2029) CAPITAL IMPROVEMENT PROJECTS
DRAFT LONG-TERM (2030-2039) CAPITAL IMPROVEMENT PROJECTS
# DRAFT Summary of Development Program Costs

<table>
<thead>
<tr>
<th>Planning Period</th>
<th>Estimated Total (millions)</th>
<th>Local Share (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short-Term (2020-2024)</td>
<td>$61.6</td>
<td>$37.4</td>
</tr>
<tr>
<td>Intermediate-Term (2025-2029)</td>
<td>$71.4</td>
<td>$24.5</td>
</tr>
<tr>
<td>Long-Term (2030-2039)</td>
<td>$100.9</td>
<td>$48.2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$233.9</strong></td>
<td><strong>$110.1</strong></td>
</tr>
</tbody>
</table>

Note: Local share estimate is dependent upon funding availability from both FAA and FDOT.
### Naples Airport Master Plan Study Schedule

<table>
<thead>
<tr>
<th>TASK</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>1 - Project Initiation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 - Existing Conditions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 - Aviation Forecasts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 - Facility Assessment and Requirements</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 - Environmental Analyses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 - Alternatives for Airport Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 - Airport Layout Plan Drawing Set</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 - Recommended Development Program</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.1 - AAA Airport Management Coordination (6 Meetings)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.2 - Project Team Working Group (1 Meeting)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.3 - Agency Coordination (FAA-ADD, IDOT)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.4 - Public Outreach Meetings (10 Meetings)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 - Report Preparation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 - Project Administration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**

- A: Public Outreach Kick-Off Meetings
- B: Public Outreach Open Houses - 3A & 1B
- C: Public Outreach Open Houses - 2A & 2B
- D: Public Outreach Open Houses - 3A & 3B
- E: Public Outreach Open Houses - 4A & 4B

Updated: April 2019
Next Steps:

November 18, 2019
City Council Presentation

November 18 and 19, 2019
Public and Customer Open Houses

December 12, 2019
NAA / NCC Joint Workshop

January 2020
Submittal to FAA and FDOT
(±6 month review and approval process)

To Be Determined 2020
NAA, Planning Advisory Board, and City Council Approval

Questions?

Douglas DiCarlo – ddicarlo@esassoc.com