

PDX MEETING NOTES

KICK-OFF MEETING

1-23-01

GOALS OF THE IT/ITS MASTER PLANNING PROJECT BY STEERING COMMITTEE MEMBERS

Steve Touhy – Aviation Planning and Development Manager

- Success as determined by reasonable answers, costs and no surprises
- Where does fiber optic backbone fit into the plan
- Looking for sustainability of the current infrastructure our ability to make recommendations that will allow PDX to get more use out of the existing physical plant.
- Salability of the plan to upper management

Larry Rank – Development Manager

- Realistic workable plan with costs
- Identify business goals, match business goals with technology
- Mechanism for update of the plan as well as the infrastructure

Mike Croston – Aviation Information Technology

- Road map tied to business goals
- Sustainability
- Planning tools/plan for the future

Howard Fuhrman – Sr. Manager IT (Port of Portland)

- Looking for outside information about the IT marketplace, and other available applications to support airport operations

John Curry - Manager Maintenance Operations

- Ability to maintain the new infrastructure
- Maintenance of asset
- Building a specialty infrastructure
- Compatibility

Scott King – Sr. Aviation Planner

- ITS- Wants to understand ITS systems availability and the infrastructure required to support it.
- Traveler information system – on and off the airport
- Rail to airport
- Goals for alternative modes
- Roadway parking management: planning and operations
- Incident management
- Sustain capacity
- Data collection for planning purposes
- Parking
- Roadway

Franko Martinez – Engineering Facilities Services Manager

- Management of data – long term planning of systems
- 5 year look at infrastructure commitment such as the AOC and PARCS
- Revenue generation versus cost recovery
- Service provider wireless

Wayne Splawn – Manager Communications Services

- Best method to manage wireless
- Telecommunications requirements
- Overview and plan for integration of systems
- Bandwidth requirements over the long term -- cable currently provides CATV/CCTV
- Asset management
- Fiber optic Master Plan

Tanya Miller – Electrical Project Engineer

- Design criteria for the infrastructure
- Ability to connect infrastructure to building projects.

Nancy Grech – Sr. Manager Airlines and Terminal Administration

- Maximize use of all space such as retail/concessions, queuing areas (asset usage)
- Reduce congestion
- Improve access to hold rooms
- Account for need for offsite FIDS to supply among others, the shuttle buses
- Identify airport directions and signage improvements
- the ability to support kiosks

- They need to maximize revenue from the space especially from the Oregon Market.
- Need to coordinate implemented IT with the advertising program at the airport. Need to improve data flow and make it more accessible
- monitor usage of the telecommunications
- Need an antenna plan
- Manage the graphical environment at the airport.
- Would be great if the plan served as a primer for airport management on IT

Jose Alcalá – Senior Aviation Planner

- Identify tenant improvements

Danny Garcia – Manager Airside Operations

- Examination of communication systems and GIS systems

Doug Roberts – Manager Communications Center

- Safety and security related systems focus, including the AOC upgrade. Conceptual design – airline port approval needed.
- Computer aided dispatch
- CCTV is not currently integrated with access control.
- Concern about the degradation of the 800 MZ frequency and the regional uses of the communication spectrum.

Heidi Bennamen – Marketing Manager International

- Wants to know the latest technology
- Trends in airline use of technology and the direction they are heading. Case studies and the lessons learned, how applicable are they to PDX?

Steve Schrieber – Airport Director

- Wants to share the strategic plan and allow us to use it as a roadmap for our planning efforts. Wants to connect the disparate elements of the airport management structure in terms of technology and business practices.
- Port is looking to replace the ERP system. The silos of systems do not communicate now.
- Defines success for the plan as one that is implementable
- Insights into cost and associated staffing impacts. Unofcis on PDX – what are the best practices going on in the outside world. Mentioned that the POP and non-aviation component IT group is centralized.
- What is the place of revenue goals for systems? It will depend on the systems

Additional Issues

- Plan should identify IT synergies between the Port and the Airport
- Need better gathering and dissemination of airport management information.
- The degree of Airline representation on the PDX IT/ITS planning committee
- Currently, there is a 2 - 5 year extension to the current airline agreement – This plan should address any resulting IT strategies. PDX is in a preferred use arrangement but looking to move to common-use gates. How can this IT/ITS Master plan help them prepare for that?
- Vehicle Tracking – the Airport is looking at putting in AVI -what are the technical and commercial considerations
- Paging capabilities both video and audio should also be included
- Cargo infrastructure – There will be an increased emphasis on it with the departure of long haul passenger service. What are the implications for the IT infrastructure if PDX becomes more heavily oriented towards cargo?
- Point of Sale – evaluation of the costs and benefits of the system
- Examine access control to the AOA
- Also look at environmental related systems such as de-icing and ground run-up.

NOTES FROM SITE VISIT 1/24/01

New Concourse

New concourse being built/refurbished – the progress of the construction has raised several technology issues. One issue is the degree to which the facilities' infrastructure plan meshes with the existing and planned infrastructure of the Airport. An additional month may cause missed opportunities and decision points. The new Terminal could also affect the short-term focus of our study. There may be large design issues for the new facility, that would cause us to re-evaluate the emphasis of our current effort.

New Telecommunications Infrastructure

The Port of Portland is in the process of designing procuring and deploying a network infrastructure, which would have implications for the airport, and thus there needs to be input into the network's design. If they are specifying out for bid a network infrastructure, it will have very large implication for the planning effort at PDX. The network staff at PDX indicated that the procurement documents for the are due to be imminently released.

Additional people to be included on the interview schedule for the IT/ITS Planning process include:

- Project Manager for Terminal Re-design
- Telecommunications consultant for the Terminal update/re-design
- Network Procurement
- Howard Furhamn
- Wayne Swann
- Other port related IT people who are working on the project, but this will depend on Howard.