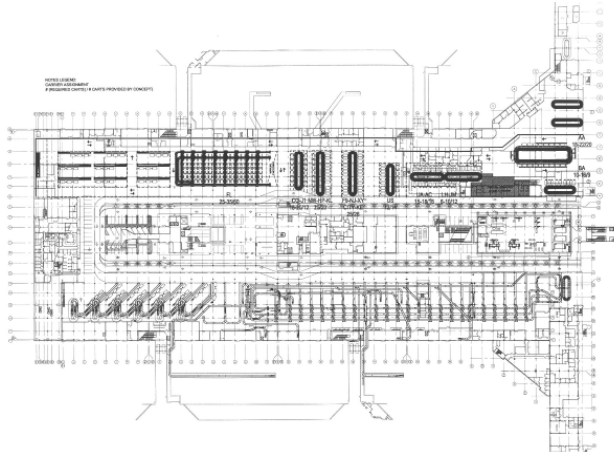


# ATLANTA-HARTSFIELD INTERNATIONAL AIRPORT TERMINAL NORTH IMPROVEMENT PROJECT



## OWNER

CITY OF ATLANTA

## OWNER'S REPRESENTATIVE

HARTSFIELD PLANNING  
COLLABORATIVE

## BNP PROJECT MANAGER

STEVEN B. LAPORTA

## LOCATION

ATLANTA, GEORGIA, USA

## COMPLETION DATE

IN PROGRESS  
TO BE DETERMINED

## REFERENCE

SCOTT HYDE  
HPC  
HARTSFIELD ATLANTA  
INTERNATIONAL AIRPORT  
6000 NORTH TERMINAL PARKWAY  
SUITE 430, PO BOX 20509  
ATLANTA, GA 30320  
PHONE: 1-404-209-3175

## SCOPE OF SERVICES

PLANNING

## RELEVANCE

MASTER PLANNING  
MANUAL BAGGAGE HANDLING  
TRANSFER BAGGAGE HANDLING  
OUTBOUND BAGGAGE HANDLING  
INBOUND BAGGAGE HANDLING  
INTERGRATION OF EXISTING  
SYSTEMS

BNP, as part of the Hartsfield Planning Collaborative Planning Team, performed master planning studies for the inbound, outbound and transfer Baggage Handling Systems (BHS). BNP's first task was to document existing system configuration condition and capacity. This was accomplished by utilizing as-built drawings (provided by others) and detailed site surveys. Through developed BHS planning and forecasted design premises, BNP determined the existing central terminal processing capabilities, identified the current and future system capacity and feasibility of implementation of various sortation and make-up technologies including manual systems, using run-out belts, mechanized systems, using flat plate and inclined plate make-up units, automated systems utilizing high speed diversion and tilt tray sorter distribution to baggage make-up utilizing laterals and make-up units.

Due to the plan form area of the building it was necessary to develop planning to link the north and south central terminal outbound BHS to accommodate EDS and future growth.

The study also included planning for the processing of baggage from the remote rental car facility as well as baggage originating from the Marta (train) Station.

The baggage handling make-up facility configuration was studied to develop alternate configurations to maximize the available make-up within the existing outbound plan form area of the building. Additional studies were accomplished utilizing new facilities to meet future growth.

The inbound BHS configuration was studied and concepts developed to increase the stripping conveyor presentation, drive lanes and claim device size.