



TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Construction Session

October 14, 2010



TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Local Disadvantaged Business Enterprise/Disadvantaged Business Enterprise Programs

Cynthia Lipscomb
Equal Business Opportunity Specialist
Equal Opportunity Programs
Metropolitan Washington Airports Authority



TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Capital Operating Maintenance & Investment Program Operations and Maintenance Program

Zachary Coleman
Manager, Airport Facilities Engineering
Engineering & Maintenance (National)
Metropolitan Washington Airports Authority



REHABILITATION OF SANITARY FORCE MAIN

SECOND QUARTER 2011

Provide Slip-Lining rehabilitation on the existing Main 16-inch sanitary force main.





SOUTH SEWER PUMP HOUSE REHABILITATION

FOURTH QUARTER 2011

Rehabilitation of the South Sewer Pump House (SSPH). Phase I replaces pumps and motors in the existing pump house.

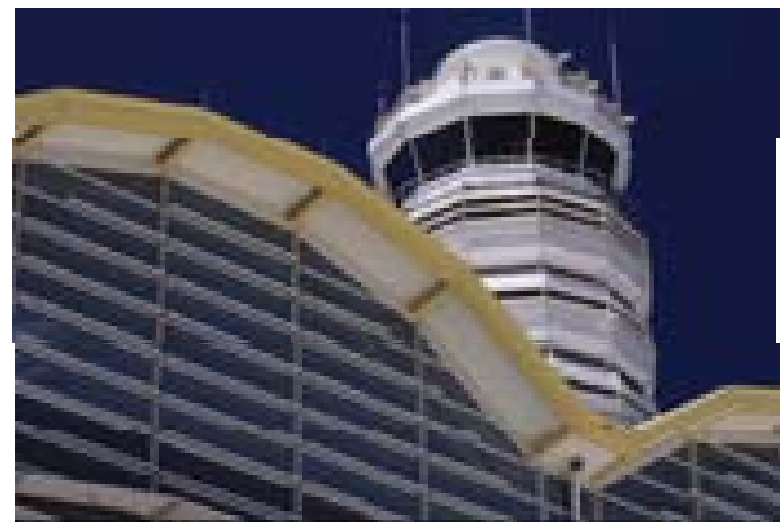




TERMINAL B/C CORROSION PREVENTION

SECOND QUARTER 2011

Provide corrosion prevention measures for metal components of Terminal B/C including painting of the exterior “Eyebrows” and exterior stairwells on gates.





TERMINAL B/C FREIGHT ELEVATORS

THIRD QUARTER 2011

**REPLACE EXISTING PASSENGER
ELEVATORS ON THE LOADING
DOCK AT TERMINALS B & C WITH
FREIGHT CABS.**





TERMINAL B/C ELEVATOR DOORS

THIRD QUARTER 2011

**DUE TO FREQUENT USE,
ELEVATORS HAVE REACHED THE
END OF THEIR LIFE. REPLACE
ELEVATOR CAB DOORS,
CONTROLS AND TRACKS IN
EXISTING ELEVATORS IN
TERMINALS A AND B/C.**





TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Capital Operating Maintenance & Investment Program Operations and Maintenance Program

Mark Waslo
Deputy Manager
Engineering & Maintenance (Dulles)
Metropolitan Washington Airports Authority



TAXILANE A, B AND C TRENCH DRAINS

SECOND QUARTER 2011

**REPAIR AND REPLACE
DETERIORATED AND DAMAGED
SECTIONS OF STORM WATER
TRENCH DRAINS AND
SURROUNDING CONCRETE ON
TAXILANES A, B AND C.**

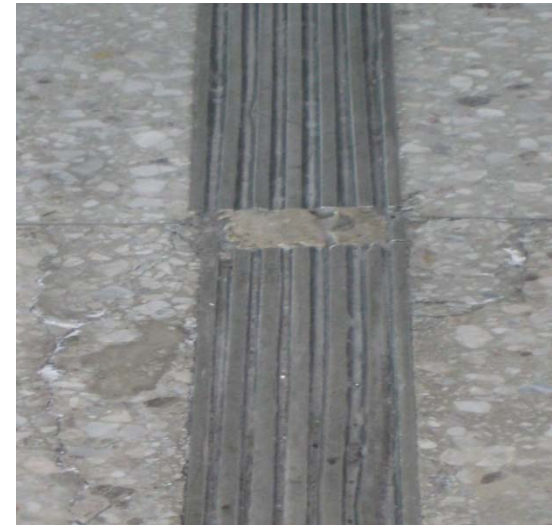




EXPANSION JOINTS & TERRAZZO REPLACEMENT, MAIN TERMINAL

SECOND QUARTER 2011

Replace failing expansion joint material and terrazzo flooring in the Main Terminal Ticketing Level.





STORM SEWER LIFT STATION REPAIRS/IMPROVEMENTS

SECOND QUARTER 2011

**Rehabilitation of the existing
storm water pump stations for
the Commercial Roads and
Curbside at the Main Terminal.**





AIRFIELD STORM DRAINAGE INLET PIPE REHABILITATION AND EROSION CONTROL

SECOND QUARTER 2011

Seal and rehabilitate portions of the airfield storm drainage system. Concrete grading and erosion control segments around various storm drainage inlets.





VEHICLE STORAGE BUILDING CONVERSION TO VEHICLE MAINTENANCE SHOP

FOURTH QUARTER 2011

Retrofit of an existing vehicle storage building to a vehicle maintenance facility that includes all required supporting utilities, life safety and code improvements.





REROOF BUILDINGS

THIRD QUARTER 2011

**Replace deteriorated roofing at
the JP Morgan Chase Building.**





COOLING TOWER BASINS REHABILITATION, UTILITY BUILDING

FOURTH QUARTER 2011

**Replace damaged waterproofing
membrane in four basins at the
Utility Building.**





SAND/SALT FACILITY REHABILITATION

FOURTH QUARTER 2011

Rehabilitation or replacement of structural, electrical, ventilation and safety components that have oxidized within the facility.





GUARDRAIL MAINTENANCE AND REHABILITATION, DULLES AIRPORT ACCESS HIGHWAY

THIRD QUARTER 2011

Rehabilitation or replacement of guardrail on the DIAAH including upgrading sub-standard guardrail and replacing rusted and weathered guardrail on overpasses and bridge abutments.





TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Capital Construction Program

Diane Hirsch
Manager, Design Department
Office of Engineering
Metropolitan Washington Airports Authority



CAPITAL CONSTRUCTION PROGRAM

Ronald Reagan Washington National Airport



Washington Dulles International Airport

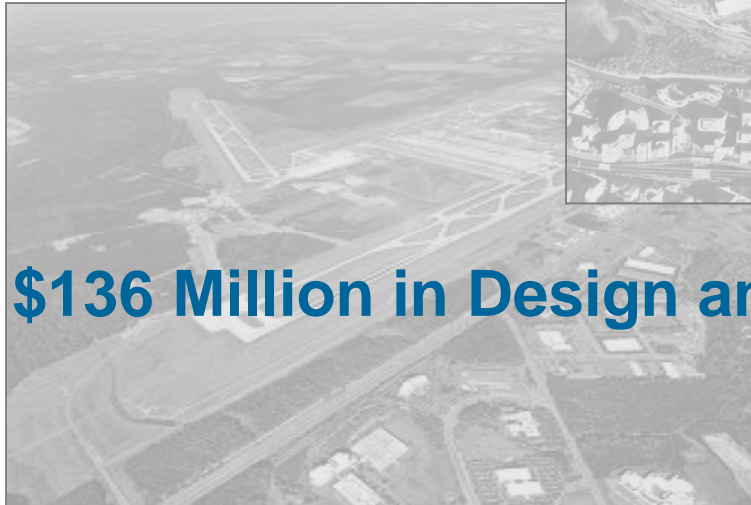


CAPITAL CONSTRUCTION PROGRAM

2010: \$93 Million in Design and Construction Contracts



2011: \$136 Million in Design and Construction Contracts





CAPITAL CONSTRUCTION PROGRAM



Ronald Reagan Washington National Airport

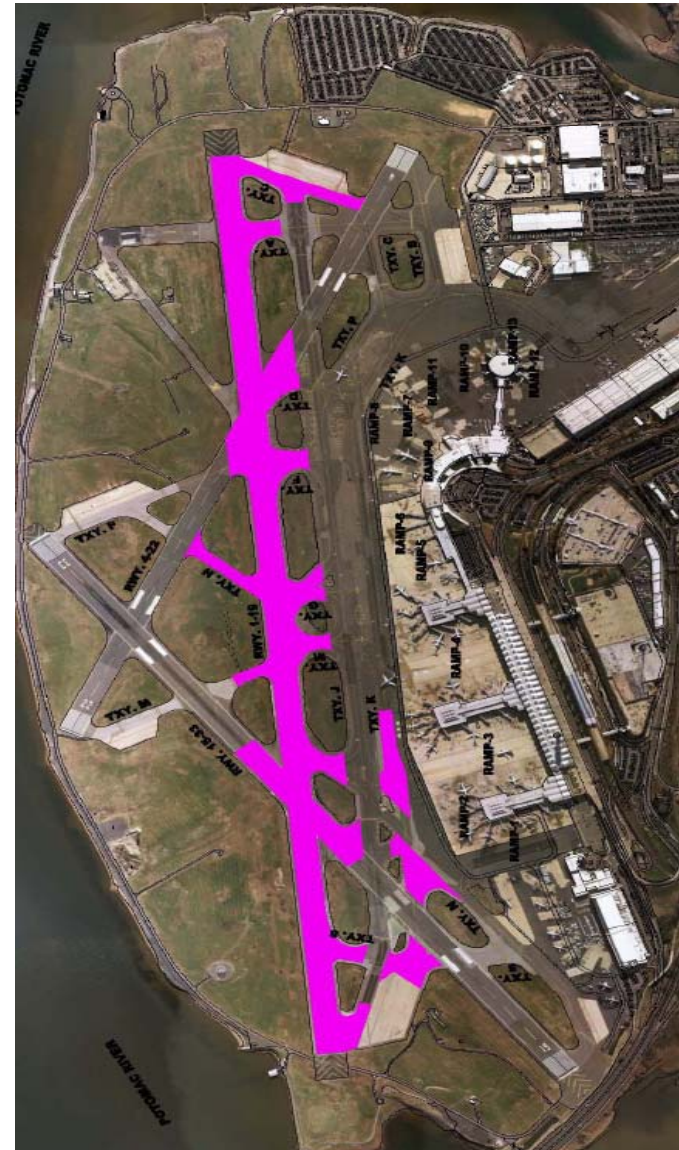




RUNWAY 1-19 OVERLAY AND TAXIWAY REHABILITATION

FIRST QUARTER 2011

Provide asphalt resurfacing of Runway 1-19 and various taxiways. This rehabilitation will consist of milling and overlay while the rehabilitation on the taxiways will consist of milling and overlay with partial depth in some areas. Work also includes pavement markings, lighting, erosion and sediment control.





RUNWAY 1-19 SAFETY AREA IMPROVEMENTS AND HOLD APRON 1 MODIFICATION – GENERAL PACKAGE

FOURTH QUARTER 2010

Provide improvements to the Runway 1-19 Safety Area (RSA) to meet current FAA Standards to include extending the Runway 300' to the south, extending parallel Taxiway J to the new threshold, replacement and relocation of the ALSF-2 system and pier modifications, relocation of threshold bar and relocation of the ILS glideslope.





RIVER RESCUE SUPPORT FACILITY

FOURTH QUARTER 2010

Construct a new river rescue support facility with associated site work development for rescue boat operations. The new floating facility and ramp is to be located on the east side of the airport. Work includes demolition of the existing river rescue support facility on the northeast side of the airport.

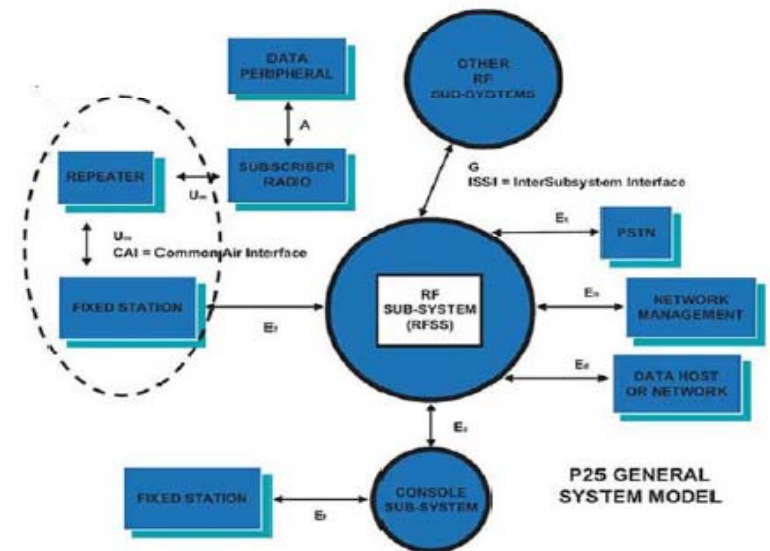




NEXT GENERATION PUBLIC SAFETY RADIO COMMUNICATIONS SYSTEM

FOURTH QUARTER 2011

Migration to the next generation radio communications system from the current 800 MHz radio communications.

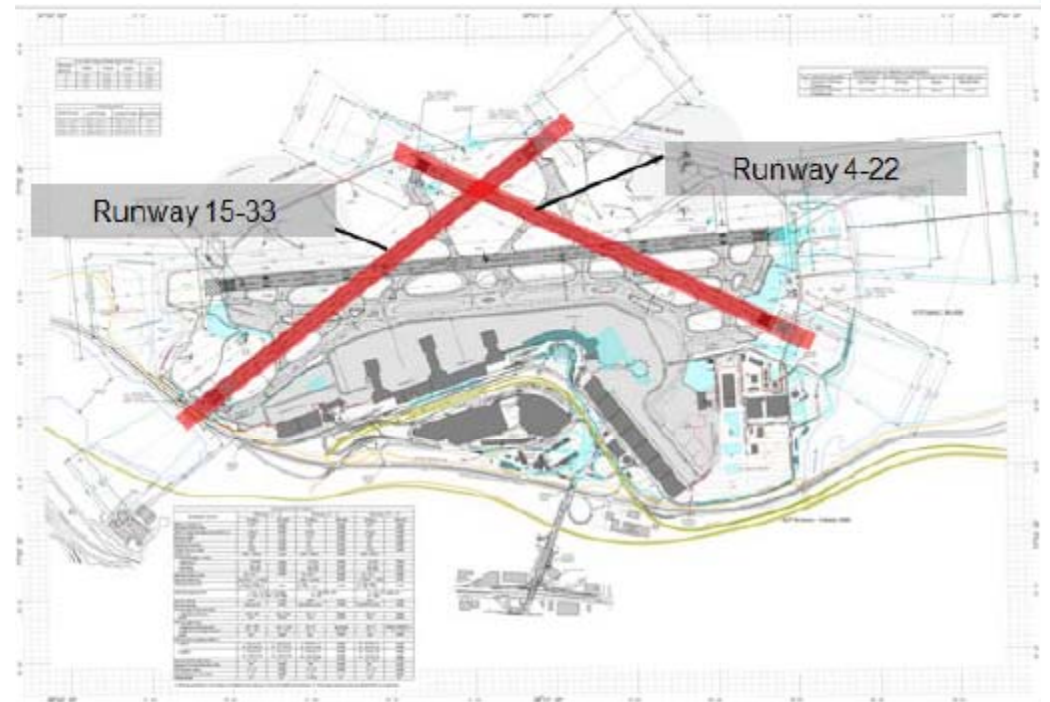




RUNWAY 4-22 & 15-33 RSA IMPROVEMENTS (A/E SOLICITATION)

FOURTH QUARTER 2010

Design services to construct EMAS bed on the end of Runways 15, 33 and 22 and fill or deck the end of Runway 33 and extend Runway 4 end.





DCA POWER DISTRIBUTION UPGRADES PHASE 1

FOURTH QUARTER 2011

Provide for full backup power for the Corporate Office Building, emergency generator upgrade for Terminal B/C and Parking Garage B/C, emergency power upgrade of the South Hangar, North substation gear replacement and Electrical transformer replacement.



AEP CONSULTANT SUPPORT – TASK ORDER CONTRACT (A/E AND PLANNING SOLICITATION)

FIRST QUARTER 2011

A/E and Planning consulting services to address emerging issues in conjunction with the Master Planning effort for each airport.



COLOR DIGITAL ORTHOPHOTOGRAPHY

FOURTH QUARTER 2010

**Acquire high quality color digital
aerial imagery of Reagan National
Airport for the purpose of feature
extraction for design-grade 1-foot
topography and 3-inch pixel color
orthophotography for the
Authority's use with its GIS system.**





DEDICATED FIRE SYSTEM MODIFICATIONS

FOURTH QUARTER 2011

Modify DFS system to accommodate surge transients/operating installation characteristics to include the of a surge vessel, weather protection, controls and associated piping at the South DFS Pump House.

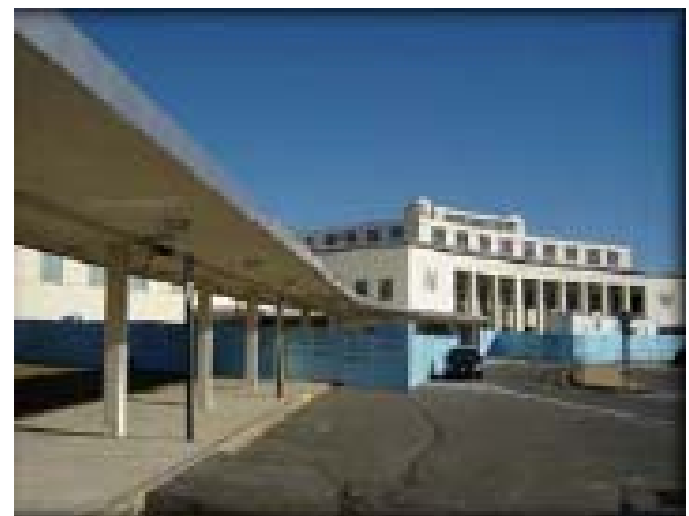
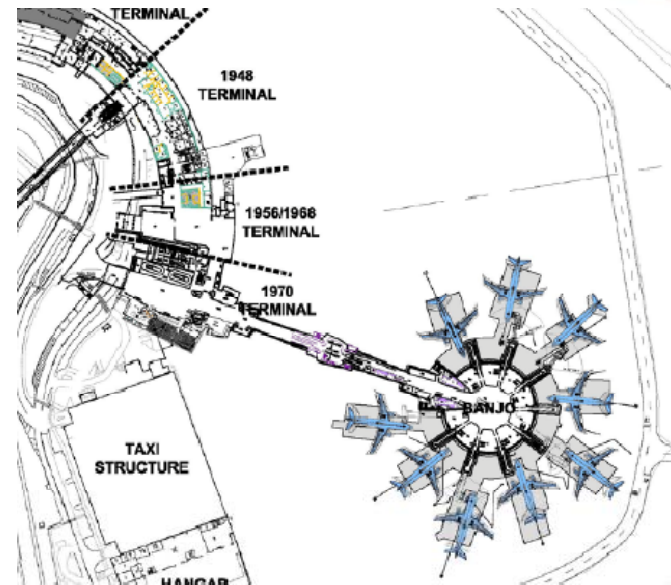




TERMINAL A REHABILITATION (A/E SOLICITATION)

FIRST QUARTER 2011

A/E consulting services to provide preliminary engineering for the rehabilitation of Terminal A.





CAPITAL CONSTRUCTION PROGRAM



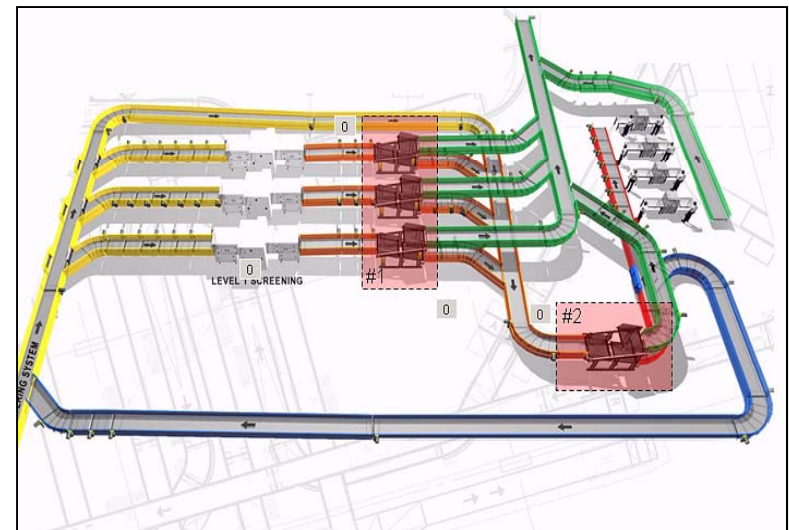
Washington Dulles International Airport



CONVEYOR AND BUILDING CHANGES FOR IN-LINE BAGGAGE SCREENING

FIRST QUARTER 2011

**Construction of the EDS In-line
High Volume Checked Baggage
Inspection System at the East and
West Baggage Basements
including Conveyor Merge Point
Upgrades in the South Baggage
Basement.**





JOINT FIREARM TRAINING FACILITY

FOURTH QUARTER 2011

Provide a new Fire Arms Training facility to meet the joint needs of the Authority and Loudoun County. Work includes pistol ranges, rifle range, classroom building, vehicle parking and remediation of the existing Authority shooting range.





MAIN TERMINAL COMMISSIONING, PHASE II

SECOND QUARTER 2011

Replace high window neopane gaskets in the Main Terminal North and South window walls and replace thermal insulation in Heat Exchanger Room along with mechanical system renovations in older portions of the International Arrivals Building.

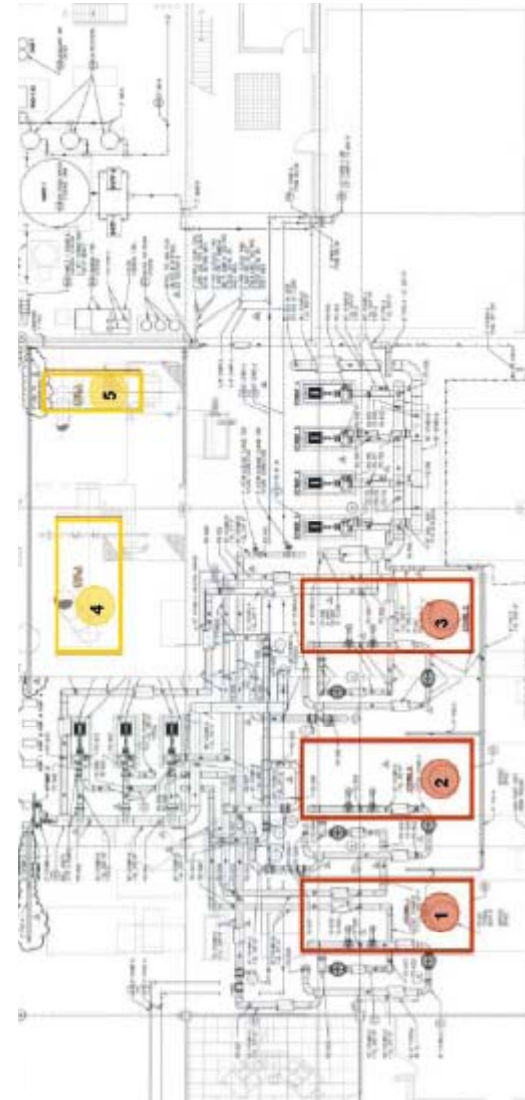




HTHW GENERATOR REPLACEMENT (A/E SOLICITATION)

FIRST QUARTER 2011

A/E consulting services for a detailed condition assessment of the existing High Temperature Hot Water (HTHW) generators, demolition and removal of three existing generators and the construction of two new HTHW generators inclusive of construction phasing and commissioning testing.





TAXIWAY Y RECONSTRUCTION

FIRST QUARTER 2011

Reconstruct a portion of Taxiway Y between Taxiway Y7 and Taxiway Y4. The project will reconstruct the full width of the taxiway for approximately 4000 feet replacing base materials, subgrade materials and install underdrains.





TAXILANE E REPAIR

SECOND QUARTER 2011

This project will repair Taxilane E pavement for the full length between Taxiways J and Z. Repairs will consist of full concrete slab replacements, partial and full depth concrete repairs, bituminous concrete linear patches and sawing and sealing of linear cracks.

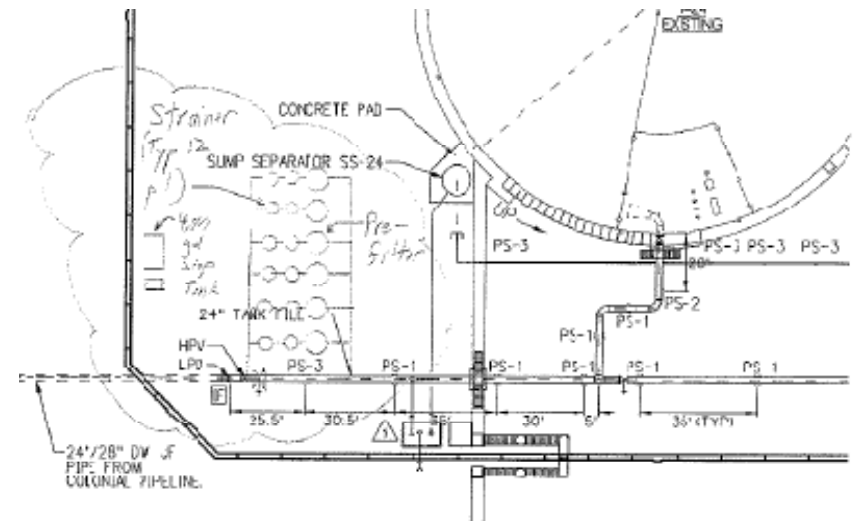




FUEL SETTLING TANK FARM INBOUND PARTICLE SEPARATORS

THIRD QUARTER 2011

Install multiple stage strainers and magnetic particle retention filters on the inbound 24-inch fuel main prior to the three receiving tanks.





**CIVIL ENGINEERING – TASK ORDER
DESIGN SERVICES
(A/E SOLICITATION)**

FIRST QUARTER 2011

A/E consulting services for various projects in support of Reagan National and Dulles International Airports as required on a task order basis.



AIRFIELD PANEL REPLACEMENT (A/E SOLICITATION)

FIRST QUARTER 2011

**A/E consulting services for
rehabilitation of various airfield
pavement projects at Dulles
International Airport to re-establish the
PCI at or above FAA standards.**





COMPREHENSIVE ELECTRICAL UTILITY CRITICAL REHABILITATION

FIRST QUARTER 2011

Provide comprehensive upgrade of the electrical system including automatic controls of electrical loads, electrical feeder lateral replacements, electrical unit substation replacement, and rehabilitation of underground electrical ductbanks and structures.





UNMANNED EXIT DOORS AT BAGGAGE CLAIM LEVEL – MAIN TERMINAL

FOURTH QUARTER 2011

**Install five passenger automatic
security revolving doors at the
three main terminal exit points.**

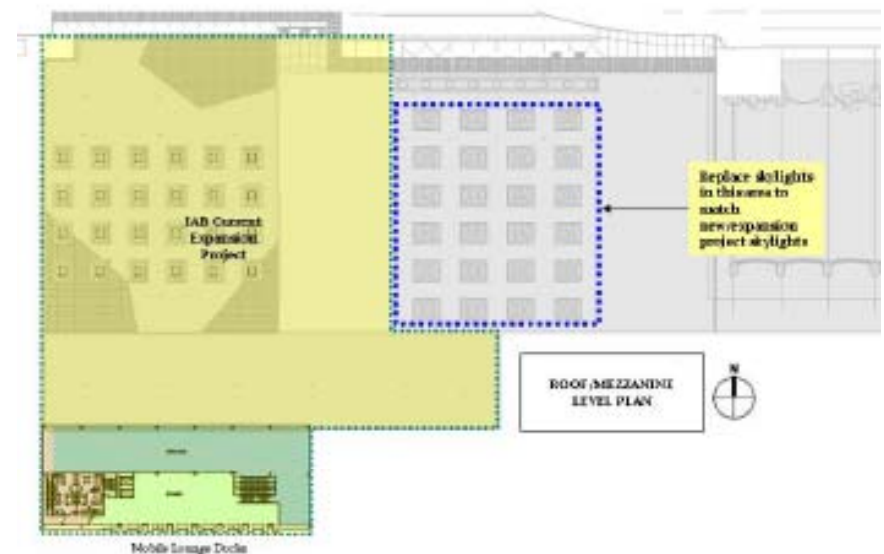




INTERNATIONAL ARRIVALS BUILDING EXPANSION – PHASE 4

FOURTH QUARTER 2011

Replace skylights in the existing International Arrivals Building to match the skylights in the IAB expansion.





HISTORIC AIR TRAFFIC CONTROL TOWER EXTERIOR REPAIRS

SECOND QUARTER 2011

**Repair the existing exterior skin of
the ATCT at the Main Terminal.**

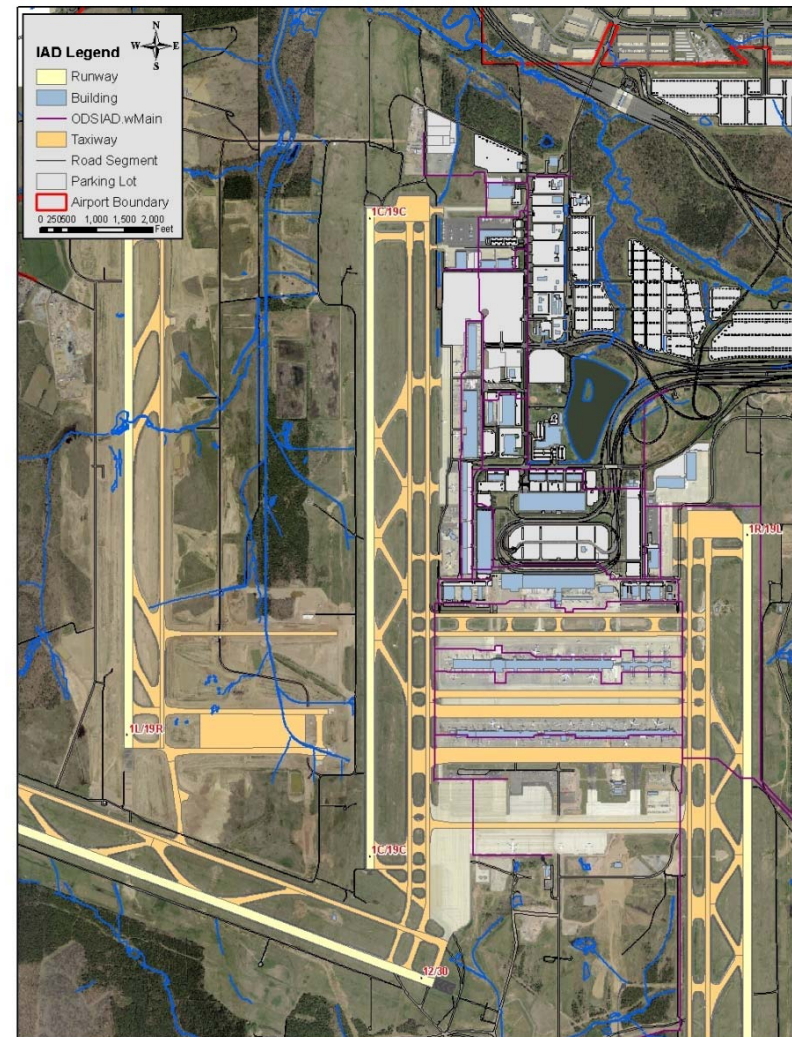




COLOR DIGITAL ORTHOPHOTOGRAPHY

FIRST QUARTER 2011

Acquire high quality color digital aerial imagery of Dulles International Airport for the purpose of feature extraction for design-grade 1-foot topography and 3-inch pixel color orthophotography for the Authority's use with its GIS system.

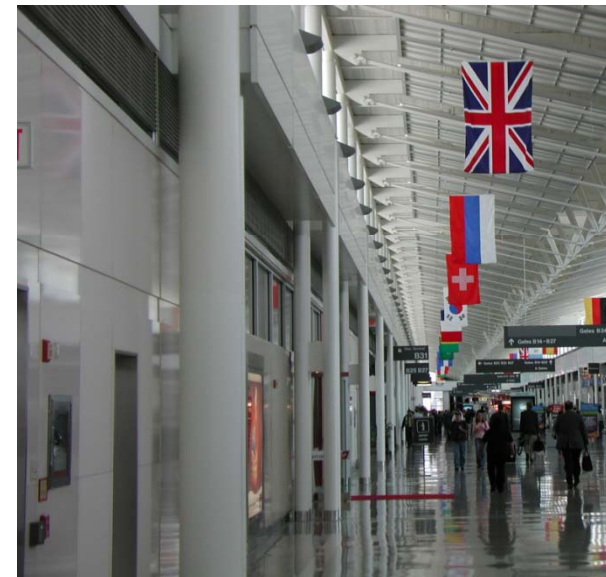




CONCOURSE A GATES A27-A31 STERILE CORRIDOR RESTORATION

FIRST QUARTER 2011

Design Build contract to construct a passenger sterile corridor between three existing domestic gates for conversion to international arrival gates. Work includes demolition of existing escalators and stairs, continuation of existing utilities, construction of a new ADA ramp and interior floor to ceiling glass partitions. All adjacent finishes will be refurbished.





CARGO BUILDING REHABILITATION – PHASE 1

THIRD QUARTER 2011

**Rehabilitate and make repairs to
the life safety systems within
Cargo buildings 1, 2 and 3.**





TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Capital Construction Program

**Project scopes, schedules and costs
are dynamic**

**Advertisement dates and project
packaging are subject to change**

**Register for Project eLERT to receive
bi-weekly updates**

Visit the Authority's website often:

www.MWAA.com



TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Dulles Corridor Toll Road Program

Moe Wadda
Civil Engineer, Design Department
Office of Engineering
Metropolitan Washington Airports Authority



Sound Wall Rehabilitation

FOURTH QUARTER 2011

Repair acoustic material, concrete and failed clip angle connections on the existing Dulles Toll Road Sound Walls.





Engineering Services Contract

THIRD QUARTER 2011

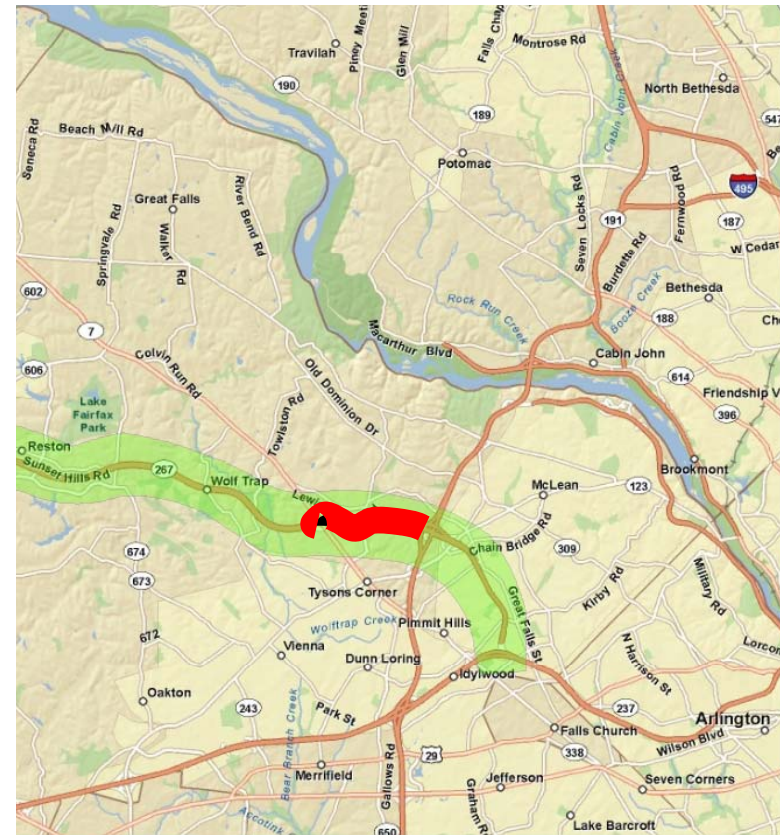
Provide construction management and program management services in support of the Toll Road as required on a task order basis.



Asphalt Pavement Reconstruction

THIRD QUARTER 2011

Rehabilitate 1.2 miles of the westbound Dulles Toll Road between I-495 and the Dulles Toll Road Main Toll Plaza.

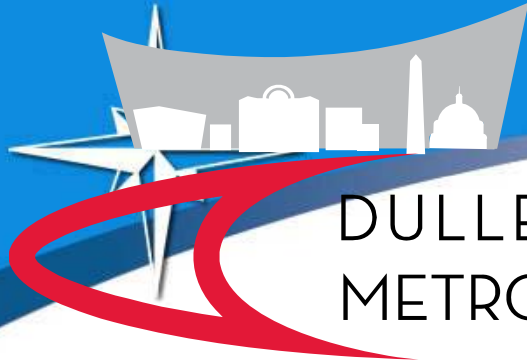




TWENTIETH ANNUAL BUSINESS OPPORTUNITY SEMINAR

Dulles Corridor Metrorail Project

Pat Nowakowski
Executive Project Director
Office of Engineering
Metropolitan Washington Airports Authority



DULLES CORRIDOR METRORAIL PROJECT



Phase 1:

Dulles Transit Partners

Design-Build Contractor

DullesTransitPartners.com

Phase 2:

Schedule



Ronald Reagan Washington National Airport



Dulles Corridor Metrorail Project



Dulles Toll Road



Washington Dulles International Airport



METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY