

VIRGINIA AIRPORTS 2018 ANNUAL REVIEW

SELECTED PROJECTS





introduction

Access to the world is provided in the Commonwealth of Virginia by 66 public use airports consisting of nine Commercial Service and 57 General Aviation airports represented by the Virginia Airport Operators Council. These airports are critical economic gateways to our state, providing convenient, safe, secure, and beneficial access to the largest of our cities and the smallest of our communities from the Eastern Shore to the Appalachian Mountains. It is highly likely one or more of these airports are located within your district, providing not only access for tourism, commerce, and technology, but also medical evacuation and transport, aerial firefighting, and agricultural spray services. In doing so, these airports generate more than \$22.9 billion of annual economic activity, 146,660 jobs, and \$7.7 billion in payroll within the Commonwealth (2018 Virginia Airport System Economic Impact Study).

The Commonwealth's largely self-funded aviation system ensures that these important airports are maintained to the highest aviation safety standards and are continually improved and upgraded to meet the needs and requirements of our growing economy. Every state dollar invested in a Virginia airport historically generates three Federal Aviation Trust Fund dollars in return. Continued development and maintenance of Virginia's excellent aviation infrastructure is only possible with the support of the Virginia Legislature, the Virginia Aviation Board, and the Virginia Department of Aviation (DOAV). Together, we have developed and continue to grow and improve what we believe is the finest state aviation system in the country. This book provides only a glimpse into many of the capital improvement projects currently in progress or recently completed at our airports.

Please remember, "One mile of pavement on a road will take you one mile, but one mile of pavement at an airport will take you anywhere." We thank you for your part in supporting Virginia aviation, and we hope this book provides you additional insight to these vital and irreplaceable assets.

Robert S. Bowen, A.A.E.
Executive Director
Norfolk Airport Authority
Norfolk International Airport
President, Virginia Airport Operators Council

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Accomack County Airport (MFV)

County of Accomack
Accomack County - Melfa, VA



Runway 3-21 Rehabilitation

Branscome Inc. (Contractor)

Talbert & Bright (Engineer)

\$4,240,000 (Total Cost)

Project Description:

The rehabilitation of Runway 3-21 included pavement overlay, surface repairs, shoulder repairs, as well as taxiway and runway light replacement. The project was completed in December 2018.



Accomack County Airport (MFV)

County of Accomack

Accomack County - Melfa, VA

Categorical Exclusions (CATEX) Form for Runway 21 Turnaround

Talbert & Bright (Engineer)

\$31,408 (Total Cost)

Project Description:

The County of Accomack initiated the Categorical Exclusion Form for the Runway 21 Turnaround to determine environmental effects and analyze environmental impacts, if any, associated with constructing the proposed Runway 21 Turnaround. The Airport currently does not have a partial or full-length parallel taxiway and one is not projected within the planning period. Runway turnarounds were recommended as part of the 2003 Airport Master Plan Update in order for taxiing aircraft to exit the runway while allowing another aircraft to land. The Proposed Action will address and improve the safety and efficiency of aircraft operations conducted at the Airport. The need for the runway turnaround is derived from FAA design criteria outlined in FAA A/C 150/5300-13a, Airport Design as depicted on the Airport's 2003 FAA conditionally approved ALP (rev. 1 (2016)). Approximately 0.84 acres of additional impervious surface will be created for the proposed construction of the Runway 21 Turnaround.







Corporate Hangar Site Preparation

Parkway Grading Inc. (Contractor)

Talbert & Bright (Engineer)

\$545,000 (Total Cost)

Project Description:

This project included site preparation for construction of two new 120 foot by 100 foot corporate hangars. The hangars will also have office space that will be connected to the hangar. The development includes installation of site drainage, waterline extension, sewer line improvements, and a paved parking lot.





Chesapeake Regional Airport (CPK)

Chesapeake Regional Airport Authority

City of Chesapeake - Norfolk, VA



Categorical Exclusions (CATEX) Form for Aprons, Taxilanes, and Auto Parking Lot Pavement Rehabilitation

Talbert & Bright (Engineer)

\$15,074 (Total Cost)

Project Description:

The Chesapeake Airport Authority initiated a Categorical Exclusion (CATEX) Form for Aprons, Taxilanes, and Auto Parking Lot Pavement Rehabilitation (Pavement Rehabilitation) to determine environmental effects and analyze environmental impacts, if any, associated with the proposed Pavement Rehabilitation. The purpose of this CATEX is to address cracking and pavement failure which was identified in the DOAV Pavement Management Update – Chesapeake Regional Airport. At the time the DOAV conducted their study in 2014, the oldest airside pavements were identified at greater than 20 years and the youngest airside pavements were identified at approximately 15 years. Approximately 17.38 acres of existing impervious surfaces are proposed for pavement rehabilitation.





Culpeper Regional Airport (CJR)

County of Culpeper

Culpeper County - Culpeper, VA



Apron Lighting

Virginia Sign and Lighting (Contractor)

Campbell & Paris (Engineer)

\$170,000 (Total Cost)

Project Description:

The Apron Lighting project at the Culpeper Regional Airport included design and installation of the first phase of apron lighting.





Dinwiddie County Airport (PTB)

Dinwiddie Airport and Industrial Authority

Dinwiddie County - Petersburg, VA



Construct Executive Hangar

Branscome Inc. (Contractor)

Talbert & Bright (Engineer)

\$4,240,000 (Total Cost)

Project Description:

The Executive Hangar Construction project included design and re-packaging of plans and specifications for construction of a new 4-unit executive hangar facility. Site improvements include demolition of an existing hangar, drainage improvements, new pavement, and utility improvements.





Dinwiddie County Airport (PTB)

Dinwiddie Airport and Industrial Authority

Dinwiddie County - Petersburg, VA



Taxiway D and Partial Apron Rehabilitation - Construction

Adams Construction Company (Contractor)

Talbert & Bright (Engineer)

\$1,238,000 (Total Cost)

Project Description:

The project consisted of the rehabilitation of the existing Taxiway D and aircraft parking apron, as well as the widening of existing pavement to meet current FAA standards. The rehabilitation consisted of pavement removal (pavement milling) of the existing bituminous pavements. Existing pavements were milled to remove bituminous pavement in order to allow for the new overlay pavement fabric and surface course. The taxiway widening consisted of striping the site to sub-grade material and installing aggregate base (stone) material to match the existing pavement and repaving with four inches of P-401 bituminous surface course. The project also included drainage improvements (trench drain system), new taxiway lights, and new pavement marking.





Franklin Municipal John Beverly Rose Airport (FKN)

City of Franklin

Isle of Wight County - Franklin, VA



Airport Master Plan Update

Talbert & Bright (Engineer)

\$188,000 (Total Cost)

Project Description:

The Franklin Municipal-John Beverly Rose Airport initiated an update to their Airport Master Plan and Airport Layout Plan. The previous plans were updated in 2002 and do not reflect airport facilities that have been constructed in recent years including a new partial parallel taxiway. The updated plans will determine the facilities needed to accommodate future airport activity over the next 20 years. Also, an obstruction evaluation is being conducted via aerial survey which will determine the location and extent of any airspace obstructions on and around the Airport.





Franklin Municipal John Beverly Rose Airport (FKN)

City of Franklin

Isle of Wight County - Franklin, VA



Partial Parallel Taxiway to Runway 27

Paxton Contractors Corporation (Contractor)

Talbert & Bright (Engineer)

\$1,610,000 (Total Cost)

Project Description:

With support from the DOAV and FAA, the airport sponsor was able to complete construction of the taxiway project. The taxiway connects the Runway 27 end to an existing taxiway that serves the terminal apron area, improving both safety and capacity of the runway.





Front Royal-Warren County Airport (FRR)

Warren County

Warren County - Front Royal, VA



Airport Master Plan Update

Talbert & Bright (Engineer)

\$156,000 (Total Cost)

Project Description:

The Front Royal-Warren County Airport initiated an update to their Airport Master Plan and Airport Layout Plan. The previous plans were updated in 2009 and do not reflect airport facilities that have been constructed in recent years including removal of airport obstructions and installation of obstruction lighting. The updated plans will determine the future airport activity levels and facilities needed to accommodate these levels over the next 20 years. Also, an obstruction evaluation is being conducted via aerial survey which will determine the location and extent of any airspace obstructions on and around the Airport.





Front Royal-Warren County Airport (FRR)

Warren County
Warren County - Front Royal, VA



Obstruction Removal & Identification Lighting - Construction

Hurricane Fence Company (Contractor)

Talbert & Bright (Engineer)

\$804,000 (Total Cost)

Project Description:

The project consisted of the removal of the identified obstructions (trees) within the Airport Avigation Easement and within the Airport Property Line. The area inside of the property line was cleared, grubbed and re-graded to meet the FAA requirements. The area inside of the avigation easement was cleared and stumps were ground flush with the ground to allow maintenance (bush hogging) of the area. Three lighted obstruction towers were installed to identify the area outside of the avigation easement as possible obstructions.





Hampton Roads Executive Airport (PVG)

Virginia Aviation Associates, LLC

City of Chesapeake - Norfolk, VA



Short Environmental Assessment Form for Five-Year Development

Talbert & Bright (Engineer)

\$110,270 (Total Cost)

Project Description:

The Virginia Aviation Associates, LLC initiated a Short Environmental Assessment Form (SEAF) for Five-Year Development to determine environmental effects and analyze environmental impacts, if any, associated with developing airport facilities to meet their strategic business plan, mission statement, and/or similar plans and to also address the current and future demand for facilities at the Airport, such as: two 120 feet by 120 feet corporate hangars, fifteen 100 feet by 100 feet corporate hangars and associated auto parking, twenty-four 60 feet by 60 feet hangars and associated auto parking, two 50 feet by 50 feet hangars and associated auto parking, a 21,448.5 square yard apron, an AvGas and Jet A fuel farm, an aircraft wash rack, and a taxiway. The SEAF received Finding of No Significant Impact from the FAA in April 2018.





Ingalls Field Airport (HSP)

Bath County Airport Authority

Bath County - Hot Springs, VA



Fueling Systems Upgrade - Jet A Tank Replacement

Austin Electrical Contracting, Inc. (Contractor)

Delta Airport Consultants, Inc. (Engineer)

\$290,000 (Total Cost)

Project Description:

The Fueling Systems Upgrade project included the replacement of the aged and deteriorated existing 12,000 gallon Jet A Fueling System with a new double wall system of equal capacity, and the disposal of the AVGAS fuel tank and appurtenances.





Leesburg Executive Airport (JYO)

Town of Leesburg

Loudoun County - Leesburg, VA

Categorical Exclusion (CATEX) Form for North Hangar Development & Maintenance Building

Talbert & Bright (Engineer)

\$18,334 (Total Cost)

Project Description:

The Town of Leesburg initiated a Categorical Exclusion (CATEX) Form for North Hangar Development & Maintenance Building to determine environmental effects and analyze environmental impacts, if any, associated with the proposed construction of the North Hangar development area and Maintenance Building. The purpose of CATEX is to address the current and future demand for facilities and to provide protection for airport equipment and materials at the Airport. The need for the Proposed Action is to address the owner's intent to develop additional facilities to address current and future demand for aviation facilities, to provide facilities for the users of the Airport, to house maintenance equipment, and to meet the needs identified on the Airport's 2018 FAA conditionally approved ALP. The proposed project area is approximately 6.0 acres and will add approximately 5.80 acres of impervious surface to the Airport.







Louisa County Airport (LKY)

Louisa County

Louisa County - Louisa County, VA



Perimeter Fence Phase 2 - Construction

Hurricane Fence Company (Contractor)

Talbert & Bright (Engineer)

\$260,000 (Total Cost)

Project Description:

The project consisted of the installation of the Perimeter Fence Phase 2, including an eight foot tall galvanized chain link fence. Access Gates were installed to allow for maintenance and emergency equipment to access through the perimeter fence. 10,000 feet of fencing was installed in this phase.





Lynchburg Regional Airport

Lynchburg Regional Airport (LYH)

City of Lynchburg

Campbell County - Lynchburg, VA

Corporate Hangar Construction

Glass & Associates (Contractor)

Talbert & Bright (Engineer)

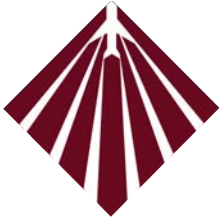
\$1,542,000 (Total Cost)

Project Description:

The Corporate Hangar Construction project at Lynchburg Regional Airport included the construction of a new 100 feet by 120 feet corporate hangar as well as parking lot and drainage improvements. Construction was completed in July 2018.





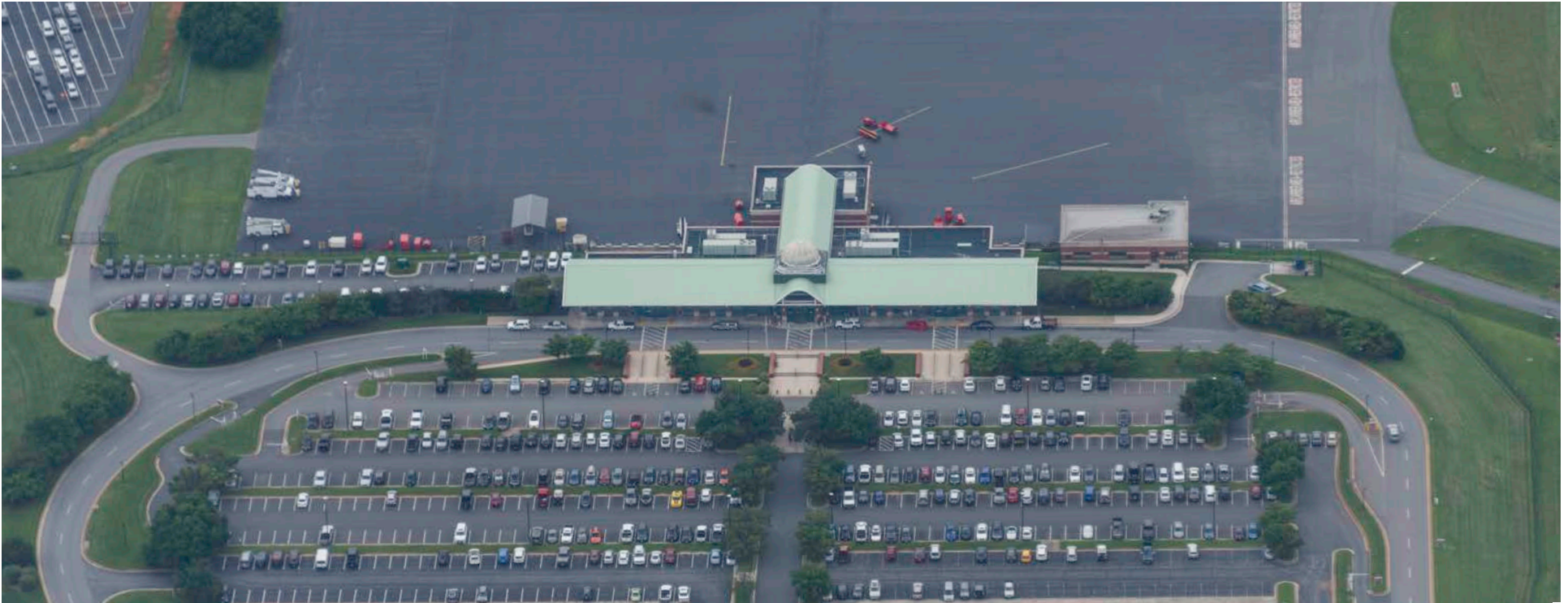


Lynchburg Regional Airport

Lynchburg Regional Airport (LYH)

City of Lynchburg

Campbell County - Lynchburg, VA



Passenger Boarding Bridge

Ameribridge (Contractor)

Talbert & Bright (Engineer)

\$994,000 (Total Cost)

Project Description:

The Passenger Boarding Bridge project at Lynchburg Regional Airport included the design and installation of a new low rider passenger boarding bridge at Gate 3 of the existing terminal. Construction started in October 2018 and should be completed in Summer 2019.





Manassas Regional Airport (HEF)

City of Manassas

Prince William County - Manassas, VA



West Apron Rehabilitation

Chemung Contracting Corporation (Contractor)

RS&H (Engineer)

\$2,700,000 (Total Cost)

Project Description:

Design and rehabilitation of the west apron included milling 2-3 inches of asphalt, replacement, restriping, and some full-depth restoration. Some of the fillets that open onto the west ramp were eliminated to reduce maintenance cost and to expedite snow removal.



Mecklenburg-Brunswick Regional Airport (AVC)

Mecklenburg-Brunswick Regional Airport Commission

Mecklenburg County - South Hill, VA



Rehabilitate Apron and Taxilanes

Sargent Corporation (Contractor)

Delta Airport Consultants, Inc.
(Engineer)

\$3,034,000 (Total Cost)

Project Description:

The Mecklenburg-Brunswick Regional Airport has completed construction to rehabilitate the apron and taxilanes. The existing taxiway fillets did not meet current geometric standards, with many needing widening. Taxilanes TL1 and TL2 did not meet current object free areas standards and the pavement surfaces were degraded and cracked to a point of raveling. The current apron did not meet Airplane Design Group II standards for parking or taxilane object free areas. In order to remedy these issues, a reconstruction of Taxilanes 1 and 2, fillet widening along Taxiway D, and apron rehabilitation and expansion were completed as part of this project. Improvements to the stormwater management and drainage were also completed.





Middle Peninsula Regional Airport (FYJ)

Middle Peninsula Regional Airport Authority

King and Queen County - Mattaponi, VA



Apron Lighting - Construction

Talbert & Bright (Engineer)

\$160,000 (Total Cost)

Project Description:

The apron lighting consisted of providing a safer and better lighted area for the aircraft parking apron and is currently under construction. The apron will be equipped with six light poles, which will be equipped with double LED light packets providing a more secure area and better lighted area. The project is anticipated to be completed by February 2019. Also incorporated into the design is a security set of cameras to allow the airport management to maintain surveillance of the facility. The airport facility also designed the upgrade to the existing access gates to the facility. These two additional alternates will be submitted in the future for construction.





Middle Peninsula Regional Airport (FYJ)

Middle Peninsula Regional Airport Authority

King and Queen County - Mattaponi, VA

Environmental Assessment for Five-Year Development

Talbert & Bright (Engineer)

\$199,225 (Total Cost)

Project Description:

The Middle Peninsula Regional Airport Authority (Authority) initiated an Environmental Assessment for Five-Year Development to determine environmental effects and analyze environmental impacts, if any, associated with addressing obstructions penetrating FAR Part 77 airspace in and around the Airport as well as infrastructure projects that collectively enhance the Airport's ability to improve safety and security, meet FAA design criteria, and achieve the Authority's current and long-term goals for the Airport. Elements analyzed as part of the Proposed Action include: acquisition of two parcels of land to remove approximately 2.6 acres of obstructions located off-airport property; removal of approximately 19.17 acres of obstructions located on-airport property; demolishing a six unit T-hangar; building one 70 feet by 170 feet corporate hangar with associated apron and access road; building one 100 feet by 100 feet corporate hangar with apron and access road; building one wash rack; building one 200 feet by 430 feet apron with approximately 21 tie down spots; and upgrading the Precision Approach Path Indicator (PAPI-2L) with the PAPI-4L.







New Kent County Airport (W96)

New Kent County

New Kent County - Quinton, VA



Rehabilitation of Aircraft Parking Ramp

Branscomb (Contractor)

Delta Airport Consultants, Inc.
(Engineer)

\$1,106,372 (Total Cost)

Project Description:

The County of New Kent proposes to rehabilitate the existing aircraft parking apron. The existing pavement is aged and exhibits both longitudinal and transverse pavement cracks. In addition, the current drainage pattern forces storm drainage run-off toward the existing terminal building. This will be corrected with the installation of a trench drain in front of the terminal building which connects to an existing drainage swale.





Newport News Williamsburg International Airport (PHF)

Peninsula Airport Commission

York County - Newport News, VA



Corporate Hangar Environmental Analysis, Permitting, and Mitigation

Talbert & Bright (Engineer)

\$20,000 (Total Cost)

Project Description:

The Newport News/Williamsburg International Airport recently completed an Environmental Categorical Exclusion analysis for the construction of a 15,000 square foot corporate hangar. This analysis resulted in the identification of wetlands on the proposed hangar site. These wetlands were delineated and verified by the U.S. Army Corps of Engineers and subsequently mitigated via the purchase of wetlands credits and permits from the Virginia Department of Environmental Quality.





Newport News Williamsburg International Airport (PHF)

Peninsula Airport Commission

York County - Newport News, VA

Runways 2 and 7 Perimeter Road Relocation

Talbert & Bright (Engineer)

\$315,079 (Total Cost)

Project Description:

The Peninsula Airport Commission intends to use off-airport credits to satisfy the mitigation requirements for this project. A Joint Permit Application will be completed and submitted to the U.S. Army Corps of Engineers and the Virginia Department of Environmental Quality for review. Coordination will also occur with other agencies to determine the necessary wetland mitigation ratio.







New River Valley Airport (PSK)

New River Valley Airport Commission

Pulaski County - Dublin, VA



Hangar Access Road Rehabilitation

Gregory's Paving (Contractor)

\$9,625 (Total Cost)

Project Description:

The Hangar Access Road Rehabilitation project included repaving roughly 465 feet of the hangar access road.





Purchase Snow Removal Equipment - Runway Brooms

Oshkosh Airport Products (Contractor)

Delta Airport Consultants (Engineer)

\$2,600,000 (Total Cost)

Project Description:

The Norfolk Airport Authority purchased a total of five Runway Brooms for snow removal operations. The new brooms will replace brooms that were purchased in 1999 and 2001. State Entitlement Funds were utilized to cover eighty percent of the project cost.



Norfolk International Airport (ORF)

Norfolk Airport Authority

City of Norfolk - Norfolk, VA



Rehabilitation of Runway 5-23 and Runway 14-32

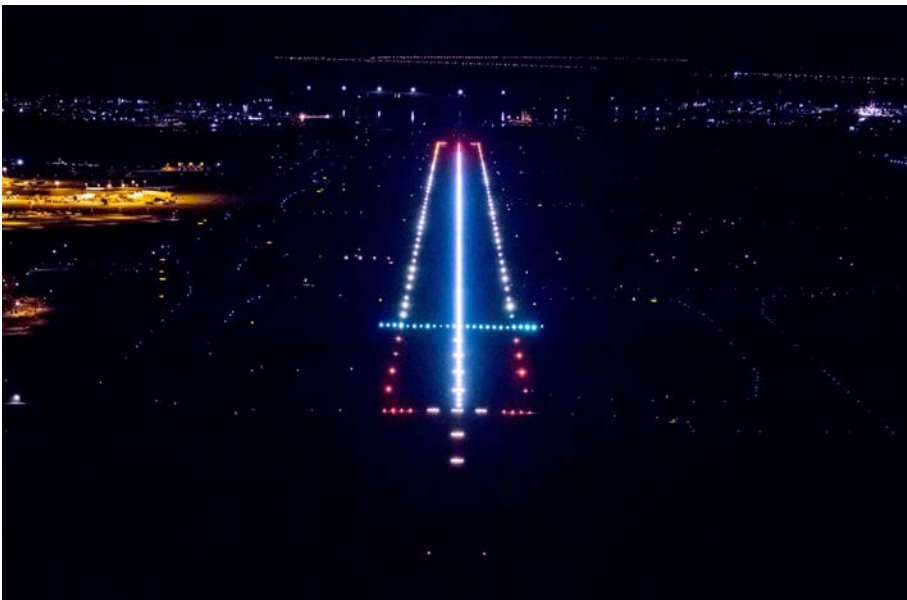
Virginia Paving Company, Atlantic Electric (Contractors)

Kimley-Horn and Associates (Engineer)

\$15,750,000 (Total Cost)

Project Description:

Norfolk International Airport's single commercial runway underwent significant rehabilitation during nightly five hour closures for a period of three months. Runway 5-23 received a mill and overlay of the 35 foot keel in the center 6,000 foot asphalt pavement section. The two 1,500 foot concrete ends of the runway were rehabilitated through spall repair, crack sealing and selective panel replacements. Additionally, all runway centerline lights were converted to LED fixtures. The centerline light cans and associated conduit in the asphalt pavement section were completely removed and reinstalled with a robustly foundation in order to prevent future settlement of the fixtures. The crosswind General Aviation Runway 14-32 received a sealcoat and all new markings. State Entitlement Funds were used for eighty percent of the total project cost.

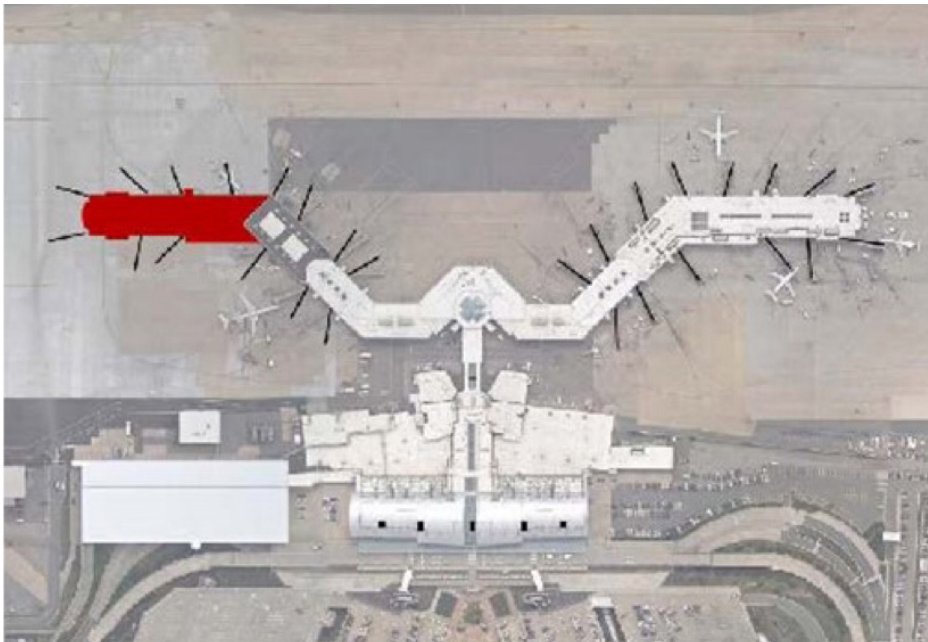




Richmond International Airport (RIC)

Capital Region Airport Commission

Henrico County - Richmond, VA



Concourse A Extension

W.M. Schlosser Company, Inc. (Contractors)

Gresham Smith & Partners (Architect)

\$28,500,000 (Total Cost)

Project Description:

The Concourse A Extension project involves the construction of a 60,000 square-foot addition to the north end of the existing Concourse A at Richmond International Airport. Upon completion, the Airport will net six additional gates to meet increased demand for overnight aircraft parking positions as well as add space for airline operations, customer hold rooms, retail and restaurant locations, office space for tenants, and new public restrooms.





Walkway Canopy

Lionberger Construction Co. (Contractors)

Mead & Hunt, Inc. (Engineer)

\$1,995,500 (Total Cost)

Project Description:

To enhance safety for the circulation of passengers and baggage to the terminal building, a covered walkway was constructed along the central spine of the parking lots to provide weather protection and improved ADA accessibility. This 460 foot long steel canopy structure with blue polycarbonate roof system and translucent wall panel system featuring mountain scenes is a virtual extension of the terminal.





Ronald Reagan Washington National Airport (DCA)

Metropolitan Washington Airports Authority

Arlington County - Arlington, VA



Project Journey

This \$1 billion, multi-year capital improvement project will transform the passenger experience at Ronald Reagan Washington National Airport. The Metropolitan Washington Airports Authority is fully funding this project with a finance plan that does not count against the Commonwealth of Virginia's overall debt capacity.

Project Description:

Project Journey is a \$1 billion, multi-year capital improvement project that will transform the passenger experience at Ronald Reagan Washington National Airport. The Metropolitan Washington Airports Authority is fully funding this project with a finance plan that does not count against the Commonwealth of Virginia's overall debt capacity. Reagan National's existing passenger areas were designed to serve 15 million passengers annually, but record loads of nearly 24 million strain current airport infrastructure. Project Journey includes construction of two new security checkpoints, buildout of an enclosed concourse to replace the 14 outdoor gates currently serviced by buses from Gate 35X and future improvements to roadway and parking configurations. Construction of foundations is ongoing. Erection of structural steel for three new buildings will follow. Airfield pavement that will service the new concourse is under construction. Opening of the new facilities is scheduled for 2021.





Shenandoah Valley Regional Airport (SHD)

Shenandoah Valley Regional Airport Commission

Augusta County - Staunton, VA



Rehabilitate Runway 5-23 and Taxiways

B & S Contracting, Inc. (Contractor)

Delta Airport Consultants (Engineer)

\$1,500,000 (Total Cost)

Project Description:

Runway 5-23 as well as the taxiway pavements at the Shenandoah Valley Regional Airport were in need of rehabilitation. The DOAV updated the Pavement Management Program in August 2015 and the results indicated that a majority of the taxiway system required rehabilitation by milling and replacing the top three inches of asphalt and crack sealing on the taxiways and crack sealing on the runway. This project greatly preserved and extended the airfield pavement life and reduced the potential for foreign objects and debris.





Stafford Regional Airport (RMN)

Stafford Regional Airport Authority

Stafford County - Fredericksburg, VA



Environmental Assessment for Runway Extension and Airport Development

Talbert & Bright (Engineer)

\$483,734 (Total Cost)

Project Description:

The Stafford Regional Airport Authority initiated an Environmental Assessment (EA) for a Runway Extension and Airport Development to meet existing and future aircraft operational requirements by extending Runway 15-33 an additional 1,000 feet; enhancing the safe operation of aircraft at the Airport by removing 162 acres of future obstructions (35 acres on-airport property and 127 acres off-airport property) to FAR Part 77 primary, approach, and transitional surfaces for the runway extension; and improving operational safety.





Stafford Regional Airport (RMN)

Stafford Regional Airport Authority

Stafford County - Fredericksburg, VA

Runway Extension & Obstruction Removal Environmental Permitting & Mitigation

Talbert & Bright (Engineer)

\$380,778 (Total Cost)

Project Description:

The Stafford Regional Airport Authority initiated the second phase of the proposed Runway Extension to accommodate the 1,000 foot runway extension, the future approach to the Runway 15 end, and a 1,000 foot taxiway extension to a full length parallel taxiway to connect to the new Runway 15 end. Environmental permitting and mitigation services are needed for the approximately 1.891 acres of wetlands, 360 linear feet of streams, 31 linear feet of jurisdictional airport drainage ditches, and the proposed removal of obstructions (trees) on the western side of the Airport. This includes the Joint Permit Application coordination, the acquisition of all necessary permits from the U.S. Army Corps of Engineers and the Virginia Department of Environmental Quality. Also included with this project will be the exhumation and relocation of the O'Bryhim cemetery and excavation of the Woodlands Base Camp per the Virginia Department of Historic Resources requirements, which are outlined in a Memorandum of Agreement.







Runway 4-22 Rehabilitation

Branscome, Inc. (Contractor)

Talbert & Bright (Engineer)

\$4,190,000 (Total Cost)

Project Description:

With support from the DOAV and FAA, the airport sponsor was able to complete construction of the runway rehabilitation project. Runway 4-22 is the Airport's primary runway and serves small to mid-size corporate aircraft. The project included much needed improvements to the runway pavement and replacement of the edge lighting system with new LED lighting technology.



Suffolk Executive Airport (SFQ)

City of Suffolk

City of Suffolk - Suffolk, VA



Environmental Assessment for Easement Acquisition and Obstruction Removal

Talbert & Bright (Engineer)

\$170,724 (Total Cost)

Project Description:

The City of Suffolk initiated an Environmental Assessment (EA) for Easement Acquisition and Obstruction Removal. The purpose of the EA was to determine environmental effects and analyze environmental impacts, if any, to the acquisition of aviation easements over eight parcels to remove obstructions as defined by 14 CFR - 77.19(d)(e) penetrating the approach and transitional surfaces of Runway 22 for a 34:1 approach as defined by FAA Order 8260.3B, United Standard for Terminal Instrument Procedures, at the Airport. The EA received a Finding of No Significant Impact from the FAA in April 2018.



Terminal Building Auto Parking - Construction

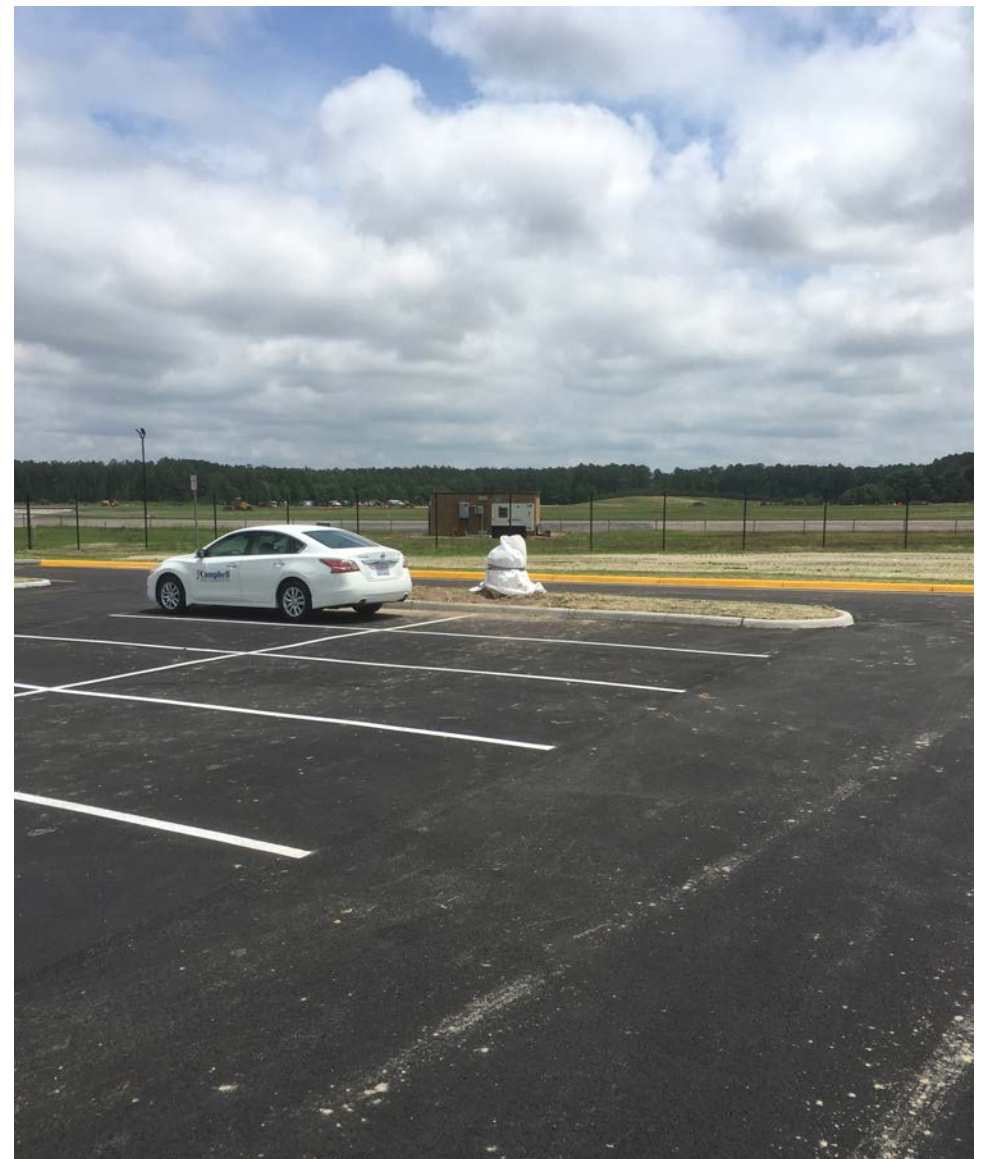
Paxton Construction (Contractor)

Talbert & Bright (Engineer)

\$582,000 (Total Cost)

Project Description:

The Terminal Building Auto Parking - Construction project included demolition of the existing auto parking areas, gravel parking area, and concrete sidewalks, to allow for a new parking layout. The new layout provides better accessibility to the terminal building and additional parking for the public. The new parking area consists of drainage improvements, parking lighting, new sidewalks, and better accessibility. The auto parking area was paved with a minimum of two inches of Virginia Department of Transportation 12.5 bituminous surface course. The project also consisted of conduits, drainage structures, lighting, and pavement marking.







Tappahannock - Essex County Airport (XSA)

Tappahannock Essex County Airport Authority

Essex County - Tappahannock, VA



Environmental Assessment for Extension of Parallel Taxiway A and Development of Non-Aeronautical Use of Airport Property

Talbert & Bright (Engineer)

\$203,852 (Total Cost)

Project Description:

The Tappahannock-Essex County Airport Authority initiated an Environmental Assessment for the extension of Taxiway A and the Development of Non-Aeronautical Use of Airport Property to determine environmental effects and analyze environmental impacts, if any, associated with the proposed construction. The purpose for the extension of Parallel Taxiway A and construction of Taxiway B as part of this Proposed Action is to improve aircraft operations, meet FAA standards for operational safety and design in accordance with the 2015 FAA conditionally approved ALP, and to allow the Tappahannock-Essex County Airport to meet the capacity needs of the Airport. Additionally, the purpose for the proposed Development of Non-Aeronautical Use of Airport Property at the Airport is to generate non-aeronautical revenue for the Airport. The need for the proposed action is to enhance the safe operations of aircraft and to meet current and future capacity demand for aircraft operations at the Airport by eliminating the need for aircraft to back taxi along the active runway when landing on Runway 10 or departing on Runway 28.





Tappahannock-Essex County Airport (XSA)

Tappahannock Essex County Airport Authority

Essex County - Tappahannock, VA



Pavement Rehabilitation and Pavement Marking - Construction

REMAC, Inc. (Contractor)

Talbert & Bright (Engineer)

\$163,000 (Total Cost)

Project Description:

The Pavement Rehabilitation and Pavement Marking project at Tappahannock-Essex County Airport consisted of the rehabilitation of the existing aircraft parking apron, taxilanes, taxiways, and the runway. The rehabilitation consisted of surface preparation, cleanout of all cracks on the existing pavement, routing cracks as required, crack sealing, filling holes with asphalt material, seal coating the existing aircraft parking apron pavement, and re-marking the existing pavement. Small holes left as a result of lightning strikes were filled with an asphalt material. Once the cracks were filled and repairs were made, a refined coal tar emulsion seal coat was applied. This will seal the asphalt and protect it from oil/gas spills and UV rays.





Airport Master Plan Update

Talbert & Bright (Engineer)

\$167,000 (Total Cost)

Project Description:

The Twin County Airport initiated an update to their Airport Master Plan and Airport Layout Plan. The previous plans were updated in 2007 and do not reflect airport facilities that have been constructed in recent years including new T-Hangar buildings and a terminal building. The updated plans will determine the future airport activity levels and facilities needed to accommodate these levels over the next 20 years. An obstruction evaluation is also being conducted via aerial survey which will determine the location and extent of any airspace obstructions on and around the Airport.





Apron Rehabilitation and Airfield Marking - Construction

W-L Construction and Paving Inc.
(Contractor)

Talbert & Bright (Engineer)

\$800,000 (Total Cost)

Project Description:

The project consisted of the rehabilitation of the existing aircraft parking apron and included the adjacent T-Hangar taxilanes. Rehabilitation work included areas of full depth demolition, areas of surface milling, and paving with asphalt concrete. Grade corrections were incorporated into the construction to provide positive drainage across the apron. The project also included remarking of all existing surface markings on the runway and taxiways, as well as markings on the new apron pavement for centerline and aircraft tie-down locations.





Virginia Highlands Airport (VJI)

Virginia Highlands Airport Authority
Washington County - Abingdon, VA



Extend Runway 6 - Phase 2 (Construct Box Culvert)

Glass Machinery & Excavation (Contractor)

Delta Airport Consultants (Engineer)

\$8,196,100 (Total Cost)

Project Description:

The Virginia Highlands Airport Authority is in the middle of construction for phase two of a multi-year project to extend Runway 6-24. The second phase of the project includes relocating an existing stream through a 1,500 foot long triple box culvert. The culvert consists of three 12 foot by 8 foot boxes. In order to construct the box culvert, approximately 40,000 cubic yards of material has been blasted from the hillside.





Warrenton-Fauquier Airport (HWY)

Fauquier County

Fauquier County - Midland, VA



Terminal Area Project

Sargent, Chemung, Taft (Contractor)

Delta Airport Consultants (Engineer)

Price Simpson Harvey (Architect)

\$14,000,000 (Total Cost)

Project Description:

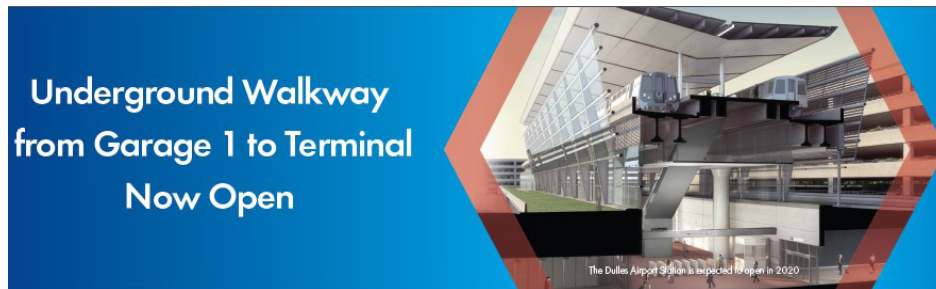
The Terminal Area project at Warrenton-Fauquier Airport consisted of development of a new airport entrance, parking lot, aircraft ramp (phases one & two), storm water management, and design/construction of a new terminal building.



Washington Dulles International Airport (IAD)

Metropolitan Washington Airports Authority

Loudoun County - Dulles, VA



Garage 2 Walk-Back Tunnel

The Garage 2 walk-back tunnel was re-opened on November 2018. The tunnel between Garage 2 and the Main Terminal had been closed for almost three years for the construction of the Dulles Airport Metrorail Station. While the Station and the Metrorail system remain under construction, the ground floor portion of the Station where customers using Garage 2 walk through has been finished. Passengers may now walk between Garage 2 and the Main Terminal using the moving walks instead of boarding shuttle buses. In the future, this tunnel will connect Dulles with Metrorail.

*The Metropolitan Washington Airports Authority is fully funding these Projects with a financing plan that does not count against the Commonwealth of Virginia's overall debt capacity.



Flooring Replacement in Concourse C Walk-Back Tunnel

This project replaced the vinyl sheet flooring with Kinetex carpet tiles (designed for high traffic areas). The vinyl sheet flooring was over its useful life and was cracked and deteriorated, making it a safety hazard. The old floor was also discolored, creating a dirty and unprofessional appearance in the tunnel. The new flooring eliminated the safety hazard and improved the appearance in the tunnel. Construction commenced at the end of November and was completed in December 2018.





Winchester Regional Airport (OKV)

Winchester Regional Airport Authority
Frederick County - Winchester, VA



Runway 14 Obstruction Removal - Phase 1

Graham County Land Company (Contractor)

Delta Airport Consultants, Inc. (Engineer)

\$180,000 (Total Cost)

Project Description:

The Runway 14 Obstruction Removal project included the removal of six acres of trees below the Runway 14 approach.