ACEC/MW & ACEC/MD
Maryland Transportation Business Opportunities & Networking Luncheon

Lead. Advocate. Educate
Maryland Transportation Luncheon

Speakers

Maryland Department of Transportation
Pete K. Rahn – Secretary of Transportation
Maryland Transportation Luncheon

Speakers

Maryland State Highway Administration
Gregory Slater - SHA Administrator
Driving Change, Delivering for Our Customers

December 16th, 2019

ACEC Metropolitan Washington
KEY CHALLENGES

Safety

State of Good Repair

Mobility
TOP ACCOMPLISHMENTS

TSIMO – Performance-Based and Integrated Transportation Systems Management and Operations.

Planning underway for Traffic Relief Plan: Managed Lane Study and I-695 Innovative Active Traffic Management with new design for I-70 interchange.

Proposal for the largest P3 in the country at a value of between $9 and $11 billion
In the last 4 years, we have treated and improved more than 8,500 lane miles across the state. That is MORE THAN HALF OF THE ENTIRE SYSTEM.

Deployed High Friction Surface Treatment on pavements, yielding a 74% reduction in traffic barrier impacts.

Launched STORM (Statewide Transportation Operations Response Map) app and MARWIS (Mobile Advanced Road Weather Information Sensor).
Launched Project Green Light

Introduced Maryland TRAC program to eight schools

Sent 3 teams to Utah to complete in AASHTO National Bridge Builder competition

Commitment to Litter Pick Up Partnerships:
- Litter patrols, volunteers, and partners removed 1,172 tons of trash last year
• E-Construction and E-Bidding
• Decreased the average number of months to process A/E contracts to 19 months in CY 2018 (down from 27 months in CY 2017)
• Processing a total of 32 A/E contracts last calendar year
CTP Major Projects & System Preservation Program Allocations with Projected Construction Expenditures FY 2020–2025
Construction Expenditures FY 2012–2025

- **Actual Expenditures**
  - FY12: $526,872,782
  - FY13: $584,754,958
  - FY14: $607,955,986
  - FY15: $645,165,813
  - FY16: $725,671,396
  - FY17: $934,526,249
  - FY18: $759,698,438
  - FY19: $827,704,180
  - FY20: $1,044,272,000

- **Projected Expenditures**
  - FY21: $699,712,000
  - FY22: $623,000,000
  - FY23: $607,955,986
  - FY24: $588,000,000
  - FY25: $500,000,000
MDOT SHA Budget Allocations by CTP Program for FY 2020–2025

- Major Projects: 22%
- Resurfacing: 22%
- Bridge Replacement & Rehabilitation: 7%
- Safety and Spot Improvements: 3%
- Environmental: 4%
- Other System Preservation: 8%
- Congestion Management: 21%
- Urban Mobility: 13%
MOVING FORWARD…

Outlook for Maryland’s Transportation Future

Transforming Tomorrow’s Transportation
STATE OF GOOD REPAIR

Operational Asset Management

Zero Poor-Rated Bridges in Maryland

Maintenance 2.0: Form & Function

Asset Management

1. COLLECT
2. ORGANIZE
3. ANALYZE

Return on Investment

Safety

Cost Savings
SYSTEMS INVESTMENT APPROACH

TSMO System Packages
Ready to Invest
Transformational Urban Transportation Program

Mobility, Safety, Accessibility & Modal Choice

- Urban Core
- Urban Center
- Traditional Town Center / Suburban Activity Center
- Suburban
- Rural
Establishing P3’s as a Tool in the Organization to Address:

- Multi-Modal Connectivity
- Environmental Issues
- Movement of Goods & Services
- Financial Constraints
- Congestion
I-495 & I-270 TRAFFIC CONGESTION

• 2nd Highest Commuting Times in the Country

• Daily Severe Congestion
  ➢ 7 hours on I-270
  ➢ 10 hours on I-495

• Cost to Commuters
  ➢ 11 Work Days
  ➢ $2,000 Congestion Costs

• Cost of Maryland Congestion = $1.7B in 2017
P3 PROGRAMS

- Congestion Relief
- Minimize Impacts
- No Net Cost to the State
- Shockingly Innovative
- Accelerated Delivery
P3 PROGRAMS

Capital Beltway Accord
Gov. Larry Hogan & Gov. Ralph Northam
Signed Nov. 12th, 2019

- **Interstate Regional Partnership** to Rebuild the ALB
- **235,000** Daily Vehicles, **40%** of Regional Population
- **Relieve congestion** for one of the worst choke points in the U.S.
Driving Change → Delivering for our Customers
Maryland Transportation Luncheon

Speakers

Maryland Vehicle Administration
Christine Nizer – MVA Administrator
Christine Nizer, MDOT MVA Administrator
OVERVIEW

• Premier Customer Service
  • Maryland Department of Transportation Motor Vehicle Administration (MDOT MVA)
  • Customer Connect
  • REAL ID

• Highway Safety
  • Vehicle Safety Recall Program

• Digital Products of the Future
  • Driver Alcohol Detection System for Safety (DADSS)
  • Digital License Plates
  • Digital Drivers Licenses (DDL)
  • Connected and Automated Vehicles (CAV)

• Upcoming Procurements
ONE-STOP GOVERNMENT CENTER

Customers have the ability to conduct transactions with our government partners at our branches.

- Promotes convenience for our customers.
- Unifies our Maryland partners.

Since September 2017:

- 74,000+ E-ZPass transactions
- 5,300+ DNR Vessel Registration Renewals
- 1,300+ CHARM Card transactions
- 46,000+ TSA PreCheck enrollments

Opened Veterans Service Office at Glen Burnie Branch in October, plans to open additional locations.

MARYLAND TRANSPORTATION AUTHORITY

E-ZPASS® MARYLAND

MARYLAND DEPARTMENT OF TRANSPORTATION
MDOT MVA Monthly Customers Served and Average Wait Time Jan 2019 - Nov 2019
CUSTOMER SATISFACTION

MDOT MVA Customer Service Survey
Jan to Nov 2019

Overall Customer Satisfaction %
Friendly, Helpful, Professional
On MVA Service
On Wait Time
CUSTOMER CONNECT
IT MODERNIZATION

• Modernize all information technology systems used to deliver services to MDOT MVA customers.
• Provide more services through online transactions and reduce the use of paper forms.
• Process all transactions at any station within a branch.
• Ensure the highest level of security for MDOT MVA transactions and reduce the potential for fraud.
• Continue commitment to provide premier customer service to all new and existing Marylanders.

• **Phase #2 will include Driver Services and will be implemented in October 2021**
Do I need to bring REAL ID documents to my next MDOT MVA visit?

Please enter your Maryland Driver’s License or ID number to find out:

[Input field]

Search Clear

Answer:

No. Documents will not be needed for your next Maryland Driver's License or ID card transaction. You may be eligible to complete your next transaction online at the MDOT MVA eStore.

*Commercial Driver’s License Holders- please visit a MDOT MVA branch office.

Documents are already on file for 2.6 million Maryland residents

CLICK HERE to receive email notifications about your renewal.

Have questions or concerns?

Please call our Customer Service Center at 410-768-7000.
To be considered REAL ID compliant, customers must have the required documents on file with the MDOT MVA.

- (1) Age & Identity
- (1) Social Security
- (2) Proofs of Maryland Residency

Customers can schedule an appointment online.
- Guaranteed to be seen within 15 minutes of appointment time.
MARYLAND HIGHWAY SAFETY OFFICE

• A division of the MDOT MVA.
• Dedicated to saving lives and preventing injuries from traffic crashes.
• Work closely with traffic safety partners - federal, state, and local governments; schools; health departments; law enforcement; and other public and private groups.
• Look for ways to make crashes less severe when they do happen and to make treating crash victims easier and faster.
• Maryland aims to reduce the number of crashes, and the resulting deaths and injuries, to zero.
• MDOT MVA Administrator serves as Governor’s Highway Safety Representative.
STRATEGIC HIGHWAY SAFETY PLAN

• The Maryland Strategic Highway Safety Plan (SHSP) provides the framework for our safety programs.
• Executive Committee with leaders from various state agencies.
• Next five-year plan will begin January 2021 through December 31, 2025, and will reflect the Vision Zero fatality goal.
• Five local jurisdictions (Cecil, Harford, Montgomery, Prince George’s, and Washington counties) plus the City of Salisbury have completed a local SHSP with the support of MDOT.
VEHICLE SAFETY RECALL PROGRAM

Maryland strives to be a leader in public safety awareness by partnering with National Highway Traffic Safety Administration (NHTSA) and Cox Automotive to make vehicle owners and lessees aware of open safety recalls through their registration renewal process.

- **Purpose**: to evaluate the feasibility and effectiveness of a State process for informing consumers of open motor vehicle safety recalls at time of motor vehicle registration in the State.
  - Assess whether supplemental notice of an open safety-related recall through State touchpoint would increase recall remedy rates.

- **Pilot Program Duration**: two-year program
STATISTICS

April 2018 – October 2019

4 million Vehicle Registration Renewals
410,000 Vehicles with Recalls Identified
826,000 Recalls Identified
270,000 Recalls Remedied
33% of Identified Recalls Remedied
More than 280,000 individual vehicle components have been remedied since the beginning of the program.

### Vehicle Safety Components Remedied

- **AIR BAGS**: 98,732
- **ELECTRICAL SYSTEM**: 28,769
- **SEAT BELTS**: 16,531
- **ENGINE AND ENGINE COOLING**: 15,806
- **OTHER**: 13,787
- **POWER TRAIN**: 13,497
- **FUEL SYSTEM, GASOLINE**: 13,074
- **SERVICE BRAKES, HYDRAULIC**: 12,895
- **LATCHES/LOCKS/LINKAGES**: 12,420
- **STRUCTURE**: 12,127
DIGITAL PRODUCTS OF THE FUTURE
DRIVER ALCOHOL DETECTION SYSTEM FOR SAFETY (DADSS)
PILOT PROGRAMS

DADSS

- MDOT MVA has partnered with DADSS to become the first state to install alcohol detection technology in state vehicles.
- It can detect when a driver is impaired with a breath alcohol concentration (BrAC) at or above the legal limit of 0.08% and prevent a vehicle from moving.

Digital License Plates

- MDOT MVA launched a two-year pilot program to test new digital license plate technology - similar in size to traditional metal plates but have an electronic display.
- Plates are being tested on 20 MDOT MVA fleet vehicles and two Maryland Transportation Authority (MDTA) vehicles.
- Benefits include Electronic real-time updates and the ability to display real-time information such as Amber Alerts, and stolen indicators.
Secure companion version of a physical card and features highly secure, innovative, and easy-to-use technology.

- Enables new security features and provide electronic verification with MDOT MVA data.
- Enhanced privacy - Allows individuals to only display what information is required for the end user, without showing all the personal information on the physical license.

**DIGITAL DRIVERS LICENSES (DDL)**

![Graph showing interest and willingness to pay](image)

- **86%** very interested in DDL option
- **53%** willing to pay for DDL
  - Average amount willing to pay: $16

**Impact of participation in the pilot on views of DDL technology:**

- **82%** say their opinion of DDL technology was improved after participating in an event
- **97%** say they are more likely to use DDL technology in the future
CONNECTED AND AUTOMATED VEHICLES (CAV)

- **Goal**: Maryland is open for business and seeking to promote innovative safety and economic benefits of CAV technology while ensuring safety for all who travel Maryland roadways.
Formed in late 2015, the Working Group serves as a central point of coordination and information for Maryland CAV activities. **Members include:**

- MDOT and all business units
- Other Maryland State Agencies: insurance, aging, disabilities, commerce
- State elected officials
- Public safety & law enforcement
- County, city and metropolitan planning organizations
- Industry associations & organizations
- Auto manufacturers & technology providers
- Academia

**Multi-faceted approach:**

- Developing Maryland Strategic Plan and MDOT Implementation Plan
- Coordinated efforts within MDOT business units
- Expression of interest and permit process for testing
- In 2017, MTA installed 36 TSP signal installments – improved travel speeds on two main bus routes. Results showed 22% improvement on one line in travel speeds during morning peak hours traveling into the City and a 21% improvement on other
UPCOMING PROCUREMENTS

Services & Maintenance Opportunities
• Landscaping Services, Cumberland
• Janitorial Services, Easton
• Security Alarm Monitoring Services
• MDOT MVA Recycling Services
• Tree Trimming Maintenance – Waldorf
• Elevator/Escalator Inspection, Maintenance & Repair Services

Construction Opportunities
• Alternative Water Service, Hagerstown
• Retaining Wall Repairs, Largo
• MDOT MVA HQ Parking Lot
• MDOT MVA OIR Façade Cleaning and Repair
• On-Call Construction Services Contract
• MDOT MVA HQ Branch Renovations

Information Technology
• Customer Traffic Management System
• Email Marketing Tool
• ICAO Cameras
• Internet Kiosks

Small Procurements
• Forms Printing (e.g. Driver’s Handbooks, etc.)
Questions?

Christine Nizer, MDOT MVA Administrator
Maryland Department of Transportation
Motor Vehicle Administration
cnizer@mdot.Maryland.gov
410-787-7830
Maryland Transportation Luncheon

Speakers

Maryland Transportation Authority
William Pines – Chief Engineer
Maryland Transportation Authority

Open for Business!

December 2019
MDTA Transportation Facilities

Facilities are signature bridges, tunnels and highways on major Interstate & U.S. routes

- Thomas J. Halem Memorial Bridge (US 40)
- John F. Kennedy Memorial Highway (I-95)
- Fort McKerny Tunnel (I-95, I-395)
- Baltimore Harbor Tunnel (I-95)
- Francis Scott Key Bridge (I-495)
- Intercounty Connector (ICC/MD 209)
- William Preston Lane Jr. Memorial (Bay) Bridge (US 50/301)
- Governor Harry W. Nice Memorial Bridge (US 301)
What will we accomplish together?

FY 2020-2025 CTP = $3,180 Million

$ in Thousands

- Enhancements: $248,903 (7.8%)
- Environmental: $53,263 (1.7%)
- Campus Facility Preservation: $107,059 (3.4%)
- Campus Facility Improvements: $45,510 (1.4%)
- Highway Preservation: $142,504 (4.5%)
- Safety & Capacity Improvements: $1,128,571 (35.5%)
- Bridge Replacements: $759,234 (23.9%)
- Unallocated Reserve: $33,753 (1.1%)
- Tunnel Preservation: $151,910 (4.8%)
- Structures Preservation: $509,689
  (1.7%)

Total: $3,180 Million
Where will we do it?

FY 2020-2025 CTP = $3,180 Million

$ in Thousands

- Baltimore Harbor Tunnel $296,083 9.3%
- Key Bridge $57,955 1.8%
- Fort McHenry Tunnel $282,528…
- Hatem Bridge $57,862 1.8%
- Bay Bridge $322,850 10.2%
- Point Breeze $3,940 0.1%
- Nice Bridge $602,639 18.9%
- Multi-area $368,618 11.6%
- Intercounty Connector $18,816 0.6%
- John F. Kennedy Highway $1,169,105 36.8%
I-95 Express Toll Lanes (ETL)
Northbound Extension
I-95 Express Toll Lanes (ETL)
Northbound Extension
I-95 Express Toll Lanes (ETL)
Northbound Extension
I-895 Bridge Project
Canton Viaduct
New Nice-Middleton Bridge
All-Electronic Tolling Program
Alternative Delivery

I-95 at Belvidere Rd.

Eastbound Bay Bridge Redecking
WPL Toll Plaza Demolition, Roadway Resurfacing and Automated Gate
Asset Management

**Typical priorities & concerns**

- Organizational Strategic Goals
  - Corporate/ Organization Management
  - Manage Asset Portfolio
- Capital investment value, performance and sustainability
- Systems performance, cost & risk optimization
- Asset life cycle costs, risk & performance
- Manage Asset Systems
- Manage individual Assets

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**Purpose**

The purpose of this Policy is to:
1. Define an overarching asset management policy to guide consistent implementation efforts across all Transportation Business Units (TBU).
2. Coordinator to develop and improve the proper procedures as well as protocols to meet the policy.
3. Require each TBU to meet the reporting requirements related to the annual reporting of assets and the development of the TBU’s Transportation Asset Management Plan (TAMP).
4. Promote the requirements and benefits of asset management and communicate the importance to Maryland Department of Transportation (MDOT) personnel, partners, and customers.
A/E Contract Opportunities

• Campus Facilities
• ITS/Electrical
• Annual Inspections
• Additionally anticipate SBR Contracts for each of the above services
QUESTIONS?
Maryland Transportation Luncheon

Speakers

Maryland Transit Administration
Kevin B. Quinn, Jr. – MTA Administrator
Overview

- Operates six modes of transit service throughout the State of Maryland
  - Core service region is Baltimore: Local Bus, Light Rail, Metro, and Mobility
  - Statewide services include MARC Train Service and Commuter Bus

- 12th largest transit system in US
  - 5th largest commuter bus system
  - 6th largest paratransit system
  - 11th largest local bus system

- 11 major facilities, including 4 bus divisions
- ~3,300 employees
- Oversees $140 million in funding and technical assistance to Locally Operated Transit Systems (LOTS)

- Operating budget of ~$850 million per year
- Six-year capital budget of ~$2.9 billion
Successes in 2019
Kirk Modernization

• $80 million Phase II facility will accommodate 175 buses, including articulated and hybrid vehicles

• 180,000 square feet of improved bus storage, fueling, washing, radio dispatching, administrative offices, and operator support facilities

• Entire facility under cover
  – Will address community concerns related to bus visibility, noise, and emissions
  – “Be a good neighbor”

• Celebrated placement of final truss on October 24, 2019
Station Openings

• Camden Station
  – $7 million investment in newly renovated station
  – Serves MARC and Light Rail
  – Media event with Maryland Stadium Authority on September 12, 2019

• BWI MARC Station
  – Opened for patrons in late September
  – Serves Amtrak and MARC
    • 24 northbound and 26 southbound MARC train stops each weekday
  – Final project completion in late November
  – Ribbon cutting on December 10, 2019
Purple Line
CharmPass and Transit App

- CharmPass mobile ticketing
  - More than 2 million purchases
  - Over $13.5 million in revenue
  - Top rated mobile ticketing app by Moovel
    - Out of 20 transit agencies in US

- Transit App
  - 39% of riders use on a daily basis
    - Up from 30% a year ago
  - More than 164,000 monthly active users
  - 14.5 million app uses each month
    - Up 25% from a year ago
Active & Upcoming Procurements
Light Rail

- Active
  - Rehabilitation of Open Deck Ties over Patapsco River Bridge
  - Track Geometry Maintenance
  - CBD Interlockings and Curve Rehabilitation
- Upcoming
  - Next Train Arrival Maintenance Support and Web Hosting
  - Grade Crossing Replacements
  - North End 5kV Signal Power System Replacement
  - CBD Embedded Track Rail Replacement
Metro

• Active
  – Charles Center and State Center Diamond Crossover Installation

• Upcoming
  – Reisterstown Plaza Stair Replacement
  – Repair to Pier at West Cold Spring
  – West Cold Spring Sub Station Roof Replacement
  – Roof Replacement at Metro Wabash Facility
  – Interlocking Renewals
Bus

• Active
  – NW Bus Division Bus Wash Reclaim System
  – Bush Division Automotive Lubrication Fluids System
  – Bush Division Building 4 Floor Renovation

• Upcoming
  – Wireless Network Upgrade
    • Support for wireless transfer of critical data and CCTV video
  – Bus Shelter Installations
  – Comfort Station at Patapsco Station Park-and-Ride
  – Dedicated Bus Lanes Rehab
MARC

• Active
  – CMAR Consulting Services for Riverside Heavy Maintenance Building
  – Inspection and Maintenance for MARC Station Equipment

• Upcoming
  – Riverside Heavy Maintenance Building
  – Martin State Airport New Storage Tracks
Agencywide

- Active
  - Light Rail and Metro Third Party Track Maintenance & Emergency Repair

- Upcoming
  - TICC & Mobility Call Center Software Upgrades
Agency Themes
Agency Themes

• State of Good Repair
  – System safety
  – Robust track inspection and vehicle maintenance programs

• Leveraging new technologies to improve performance
  – Real-time information on all modes
  – Scheduling improvements

• Focusing the agency on the customer-perspective
  – Service reliability
  – Wayfinding, signage, shelters
  – Nimble, transparent, and responsive
Maryland Transportation Luncheon

Speakers

Maryland Port Administration
Steve Johnson – Director of Engineering
Maryland Port Administration was established because of neglected port facilities.

Purpose: “To increase the flow of waterborne commerce through the State of Maryland in a manner that provides benefit to the citizens of the State.”
The Port has global reach, connecting many Mid-Atlantic suppliers and markets worldwide.

POB’s International Cargo in 2018 was 43.0 Million Tons.

Imports = Red (14.2M Tons)
Exports = Blue (28.8M Tons)
The Port of Baltimore is a complex mix of Private and State-owned terminals handling diverse bulk & general cargoes.
Port of Baltimore is a nationally significant port.

- Ranks #1 in Autos and Light Trucks.
- Ranks #1 in Roll-on Roll-off Heavy Equipment.
- Ranks #1 in imported: Sugar and Gypsum.
- Ranks #2 in exported Coal.
- 9th in Overall Foreign Cargo Value ($59.7 billion)
- 11th in Overall Foreign Cargo Tonnage (43.0 million tons)

The Port generates over 37,300 jobs:
- 15,330 direct, 16,780 induced, 5,190 indirect jobs,
- $3.3 billion in wages and salaries annually, and
- $395 million in state and local tax revenues annually.
- Average income for a Port direct job is 9.5% better than the average Maryland salary.
Cruise Baltimore

2018: Total Cruises 98 Embarked 215,566 Passengers: 2019 Statistics still being complied
Port’s Bottom line:

1. Cargo and Cruise forecasts are positive, but not without challenges.

2. The Port links Maryland and the Mid-Atlantic region to the global marketplace.

3. The Port is an economic engine with a long record of sustaining jobs in Maryland for all skill levels.
Dundalk Marine Terminal

Berth 3 Reconstruction
$30M to $38M Spring 2020

Berth 11 Deck Upgrade (Phase 2)
$8M to $11M
Spring 2020

SWM & Resiliency – Phase 1 Program
$34M to $38M (Under Grant Review)
Fairfield and Masonville 1972
Fairfield and Masonville Marine Terminal 2017

- Dike Construction
  - Material: $TBD
  - Winter 2019/20
- DMCF Spillway Modification
  - $500K to $1M
  - Spring 2020
- Big Pond Stormwater Retrofit
  - $500K to $1M
  - Summer 2020
North and South Locust Point

Pier 10 Landside Stabilization $1M to $2M Winter 2020
Seagirt Marine Terminal

Berth 3 Dredging
$8m to $10M
Fall 2020
World Trade Center

Capital Improvements NTE
$6M Spring 2020
### Additional Landside Terminal and Maryland Environmental Services (MES) Projects

<table>
<thead>
<tr>
<th>ADVERTISE</th>
<th>PROJECT DESCRIPTION</th>
<th>ESTIMATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>➢ Fall 2019</td>
<td>Agency Wide Utility Upgrades Program</td>
<td>$7M to $10 M</td>
</tr>
<tr>
<td>➢ Summer 2020</td>
<td>Concrete Deck Repair V</td>
<td>NTE $2 M</td>
</tr>
<tr>
<td>➢ Fall 2019</td>
<td>Diesel Fuel Supply and Delivery to Popular Island and Hart-Miller Island</td>
<td>&lt; $1 M</td>
</tr>
<tr>
<td>➢ Winter 2021</td>
<td>Agency Wide Building Repair III</td>
<td>NTE $10 M</td>
</tr>
</tbody>
</table>

*Currently Not Funded*
Contact Information for Upcoming Projects

Engineering Projects:
Ryan Bourne
rbourne1@marylandports.com
410-385-4842

Harbor Development Projects:
MES Procurement
procurement@menv.com
410-729-8510
Questions?

Steve Johnson, PE
410-385-4822
sjohnson2@marylandports.com
Maryland Transportation Luncheon

Speakers

Maryland Aviation Administration
Ricky D. Smith – Executive Director
Baltimore/Washington International Thurgood Marshall Airport

- More than 27.1 million passengers in 2018
- 4th consecutive annual passenger record for BWI Marshall
- 22nd busiest U.S. airport
- Average 70,000 passengers per day
- 330 daily departures
- More than 90 domestic and international destinations
BWI Marshall Economic Impact

- Produces $4.1 billion in personal wages
- Responsible for $9.3 billion in business revenue to the State
- Produces estimated $591.9 million in tax revenue for State and local governments
BWI Marshall Airlines
New Record
27.1 Million Passengers in 2018!

Continued growth in 2019 and beyond....
BWI Marshall has nonstop service to more than 90 domestic and international destinations.
BWI Marshall draws passengers from the entire region, not just Washington and Baltimore

Originating Passengers Using BWI Marshall

Source of BWI Passengers

Metro Area
- Baltimore-Columbia-Towson Metro
- Washington-Arlington-Alexandria Metro
- Other

Other 19%

Baltimore
Washington
Metro...
BWI Marshall Remains the Busiest Airport in Region
BWI MARSHALL AND DULLES ARE EQUIDISTANT FROM DOWNTOWN WASHINGTON D.C.
Terminal A/B Connector and Baggage Handling System

Three level expansion of the Terminal
Multiple Packages in design
Bidding Opportunities Under CMAR
Terminal A/B Connector and Baggage Handling System

- Three level expansion of the Terminal
- Multiple Packages in design
- Bidding Opportunities Under CMAR
Terminal A/B Connector and Baggage Handling System

- Anticipated Schedule:
- 2020 - 2023
- Construction Estimate - $400,000,000
- Potential DBE Subcontracts:
- All Building Trades
- Civil/Paving
Airline Maintenance Complex

- Aircraft Maintenance Complex
- Two Projects; Site Work and Facility
- Environmental Assessment Underway

Anticipated Schedule:
2020 - 2022
Project Cost Classification – J
($50,000,001 to $75,000,000)

Potential DBE Subcontracts:
- All Site Work Trades
- All Building Trades
Airfield Rehabilitation Program

- Significant taxiway rehabilitations in both asphalt and concrete
- Airfield Lighting Vault (ALV) relocation
- New Taxiway F Phase II

Anticipated Schedule:
- 2020 thru 2023
- $150,000,000 Estimated program value, multiple awards

Potential DBE Subcontracts:
- All Site Work Trades
Consolidated Rental Car Facility Improvements

Various improvements including
• Equipment Replacement
• Traffic Control Devices
• Security Upgrades

Anticipated Schedule:
• 2020
$2,000,000 Estimated program value, multiple awards
Potential DBE Subcontracts:
• Traffic Control
• Mechanical/Electrical
Other upcoming construction Opportunities

- D/E Connector Sterile Corridor Revisions
- Concourse DX-DY HVAC Replacement
- ATCT Elevator Replacement
- RTR Relocation

Anticipated Schedule:
- 2020-2022
$25,000,000 Estimated program value, multiple awards

Potential DBE Subcontracts:
- All building trades
- Site Work
Maryland Department Of Transportation
Aviation Administration

Other upcoming construction Opportunities

- D/E Connector Sterile Corridor Revisions
- Concourse DX-DY HVAC Replacement
- ATCT Elevator Replacement
- RTR Relocation

Anticipated Schedule:
- 2020-2022

$25,000,000 Estimated program value, multiple awards

Potential DBE Subcontracts:
- All building trades
- Site Work
Be sure to register for our next events:

**January 29th, 2020**
*Virginia Transportation Luncheon*
*Tysons Corner, VA*

**February 19th, 2020**
*Chesapeake Bay TMDL Symposium*
*College Park Marriott, Hyattsville, MD*
Thank You for attending our Maryland Transportation Luncheon.

We hope to see you again soon at one of our upcoming events.

Enjoy the remainder of the day and may your business continue to be successful!!

*Have a Wonderful Warm Winter Season…*