



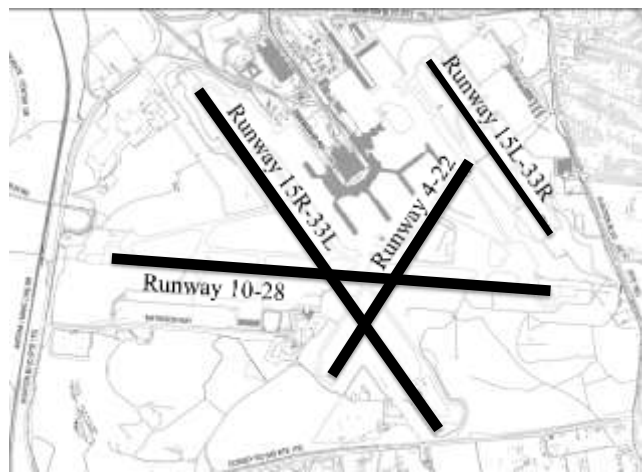


BWI Marshall Runway Safety Area, Pavement Management and Standards Compliance Program

Annual Update



Runway Safety Area, pavement Management & Standards
Compliance Program Background



All Commercial Service Airports Must Meet Runway Safety Area Standards by December 31, 2015



Program Background

- RWY 10-28 – Fair
- RWY 15R-33L – Good/Fair
- Taxiways – Fair/Serious
- Hold Pads – Fair/Very Poor



BWI
BALTIMORE/WASHINGTON
INTERNATIONAL
Thurgood Marshall
AIRPORT

BWI Marshall

ISSUE: AD-08-001

2010

Program Condition

Issue No.

ISSUE 1

Date

March, 2010

Scale

1" = 500'

LEGEND

Performance Condition Index

Very Good

Good

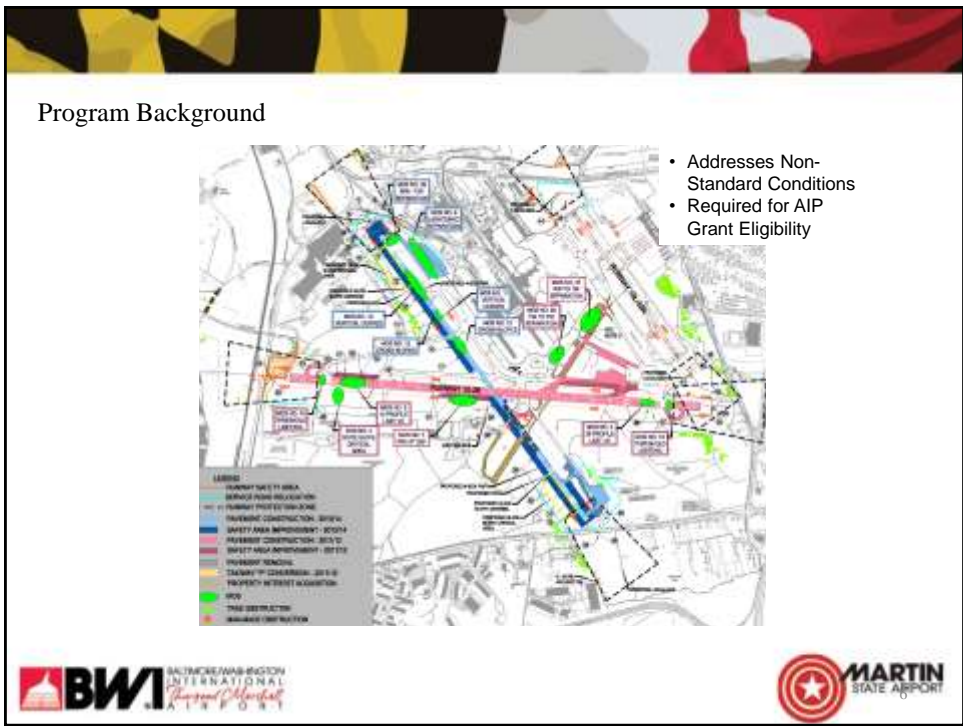
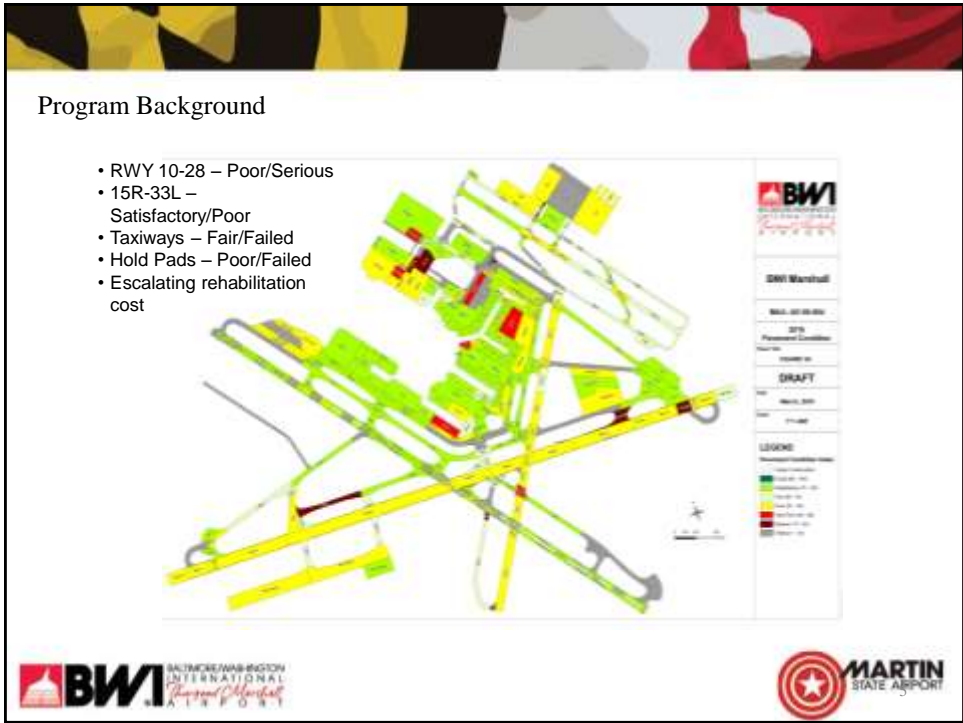
Good/Fair

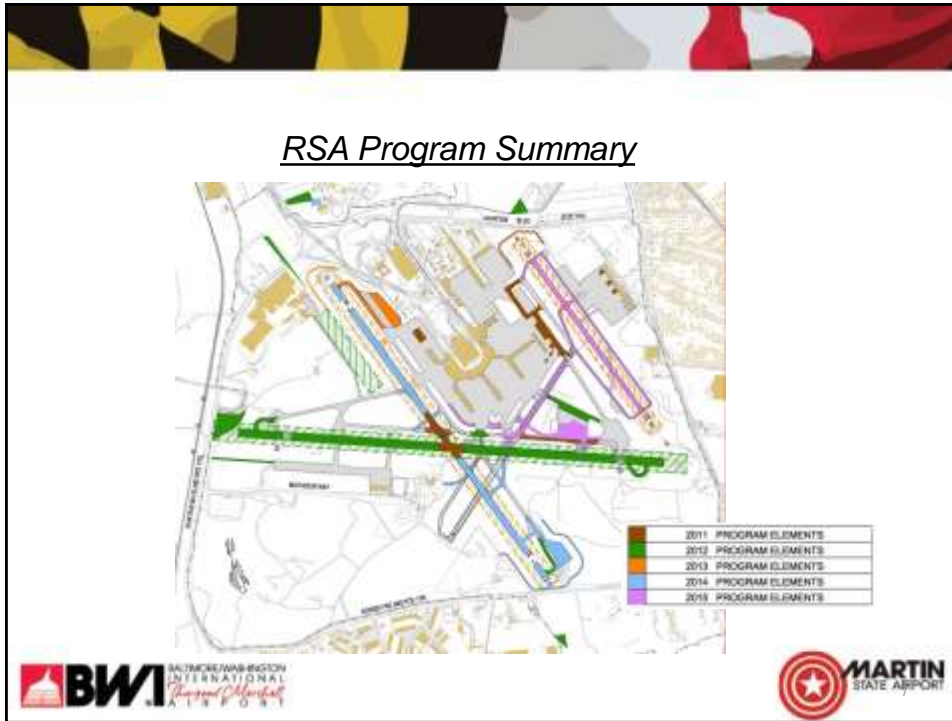
Fair

Fair/Serious

Serious

Very Poor







RSA Program Progress to Date

- 52 Design Tasks Completed
- 10 Inter-Governmental/Agency Agreements Executed
- 27 Construction Projects Complete
- 2 Construction Projects Underway

- *BWI fully RSA and Standards Compliant!*
 - Ahead of Schedule!!
 - On Budget!!!



BWI BALTIMORE/WASHINGTON INTERNATIONAL Airport
Thurgood Marshall

MARTIN STATE AIRPORT

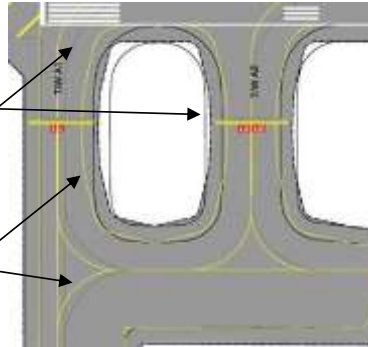
Design Criteria – A Moving Target

- Advisory Circular Changes mid-design
- Airfield Geometry Changes
- Taxiway Centerline Lighting



150/5300-13 Change 18

150/5300-13A



Existing Conditions

- Subgrade Conditions under Taxiway U
- Earthwork – Hill Removal
- Existing/Proposed Utilities



Operational Elements

- Hot Spot Elimination
- ARFF Road
- PCC vs Asphalt



Construction



Construction

Working on the Active Airfield

- Crossing Taxiway C



BWI BALTIMORE/WASHINGTON INTERNATIONAL
Thurgood Marshall
AIRPORT

Construction

Earthwork and Demolition



BWI BALTIMORE/WASHINGTON INTERNATIONAL
Thurgood Marshall
AIRPORT

MARTIN
STATE AIRPORT


Construction

P-401: Asphalt Pavement



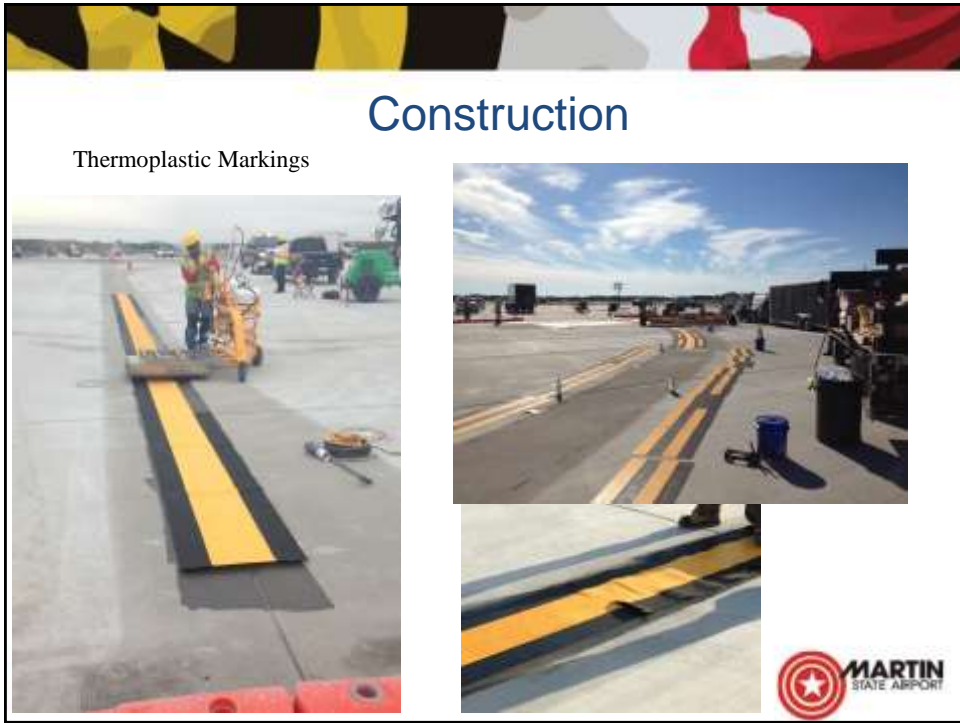
Construction


P-501: Portland Cement Concrete Pavement



Construction

Thermoplastic Markings





Construction

Electrical Work



Construction











NAVAIDS

Construction


4 Years:

- MOU
- Design Phase Agreement
- Design
- Construction Phase Agreement



Amtrak

5 Days:
Construction



Construction

Grading
Revisions






Construction

Partnering Decision Ladder

	Designer	MAA	PM	CMS	Contractor	FAA	Time Frame
Principal	Jerie Tiedeman	Paul Shank	David Lookerbill	Jeff Tyler	Rich Dungan	Jeff Jones	3 Weeks
Director	Larry Bauman	Benjamin Chin	Alan Peljovich	Randall Paton	Eric Eastin	George Dalton	2 Weeks
Manager	Jack Debar	Randy Petersen	Alan Peljovich	Randall Paton	Eric Eastin	George Vanecharon Paul Kirby	4 Days
RE	Keith Fritz	Hank Lilly	Alan Peljovich	Terry Seaworth	Craig Cheney Laurie Bryan	Philip Tortorice (Chuck Froeburger & George Garcia)	2 Days
Sen. Insp.				Mark Garnett Brian Crandell	Fran Pursell Matt Ruth	Dale Duke	4 Hours
Inspector				Inspector	Foreman	Cefio Vasquez Chels Nash Dale Duke	1 Hour

Partnering






Thank you!!!

Maryland Aviation Administration	Parsons Transportation Group
State Highway Administration	P. Flannigan & Sons
Maryland Transit Administration	Atlantic Contracting
Maryland Transportation Authority	Allen Myers
Maryland Department of the Environment	Hi-Way Paving
Federal Aviation Administration	Concrete General
Amtrak	Gray & Sons
Northrup Grumman	DACO Construction
Johnson, Mirmiran & Thompson	Enterprise Electric
Michael Baker International	Midasco Construction
AECOM (URS)	Bruce & Merrilees
ADCI	Southwest Airlines
Landrum & Brown	




Thank you!!!

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Questions?

