

***Newark Liberty International Airport –
Runway 11 Engineered Material
Arresting System – Project
Authorization***

Committee on Construction

February 9, 2012

Engineered Material Arrestor System (EMAS)

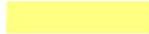
- An alternative to Runway Safety Areas for space constrained airports
- A lightweight concrete
- Intended to stop an aircraft overrun with no human injury and minimal aircraft damage



EMAS Location

LEGEND:

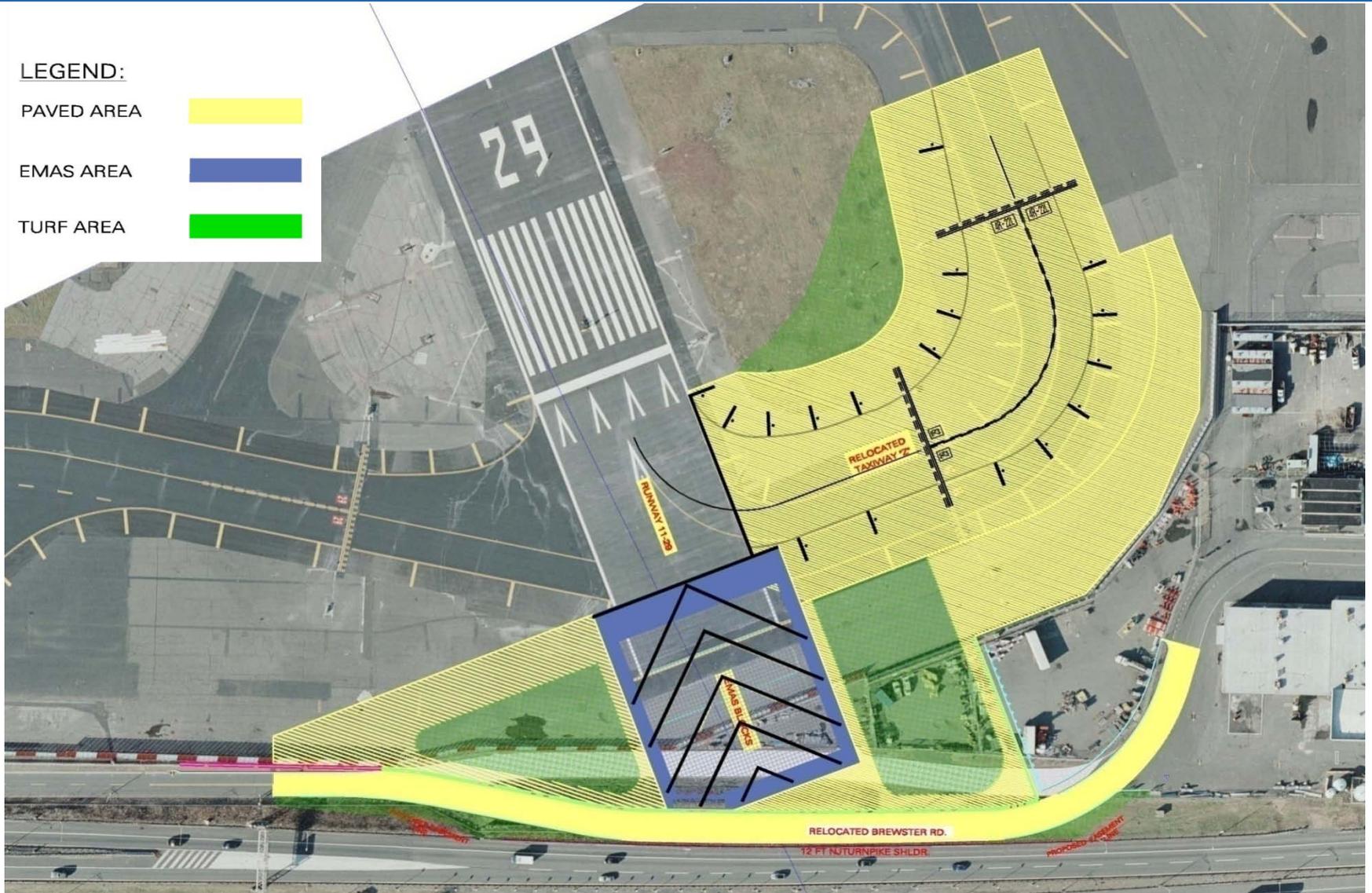
PAVED AREA



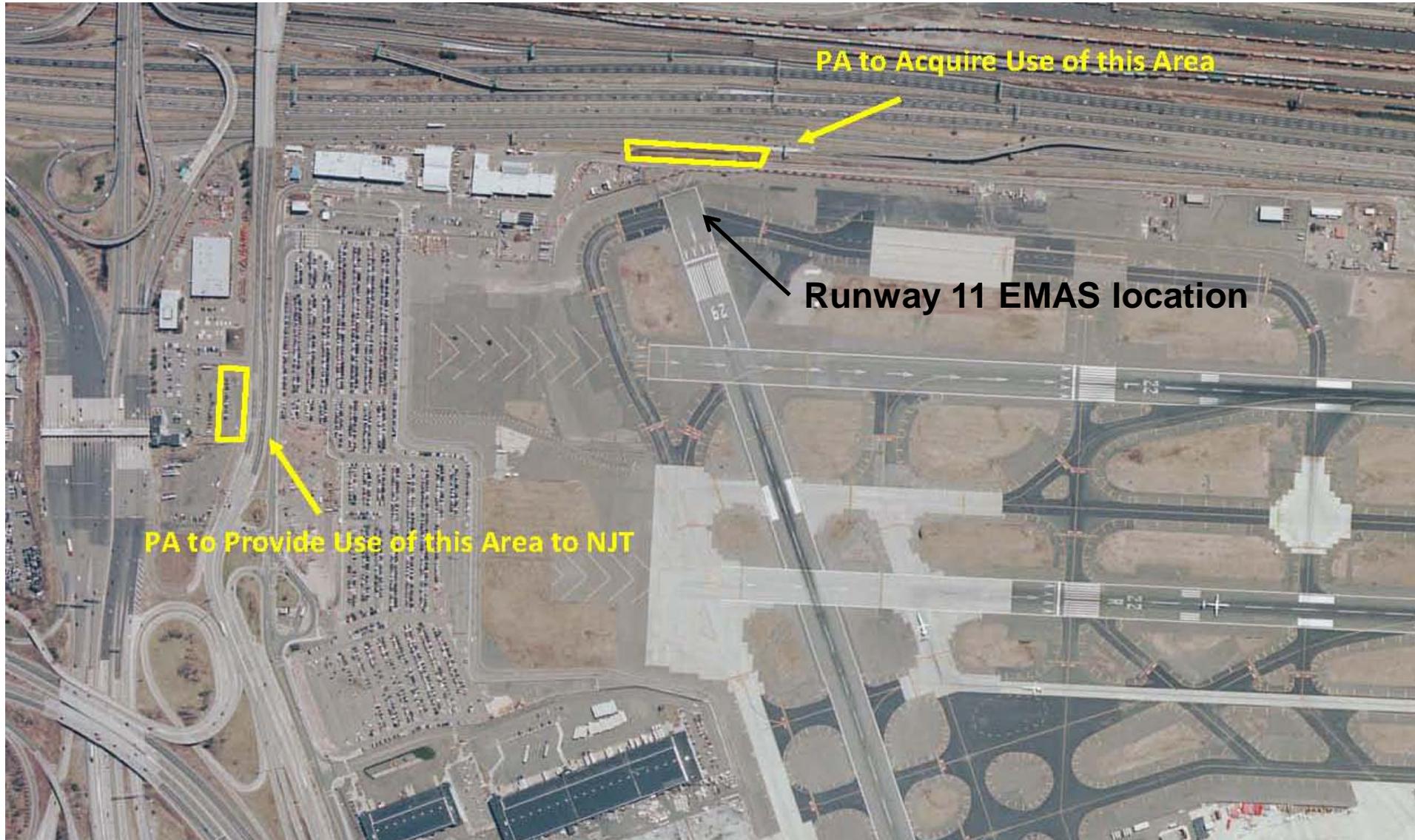
EMAS AREA



TURF AREA



Property License Agreement



PA to Acquire Use of this Area

Runway 11 EMAS location

PA to Provide Use of this Area to NJT

Economic Impact

- 160 total job years
- \$9 Million in wages
- \$40 Million in Economic Activity



Cost and Schedule

→ Project authorization	\$27.1 Million
→ Planning & Engineering Services (in-house)	\$3.4 Million
→ Amount recoverable	100%
→ Contract authorization	Q2 2012
→ Project completion	Q4 2014

