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

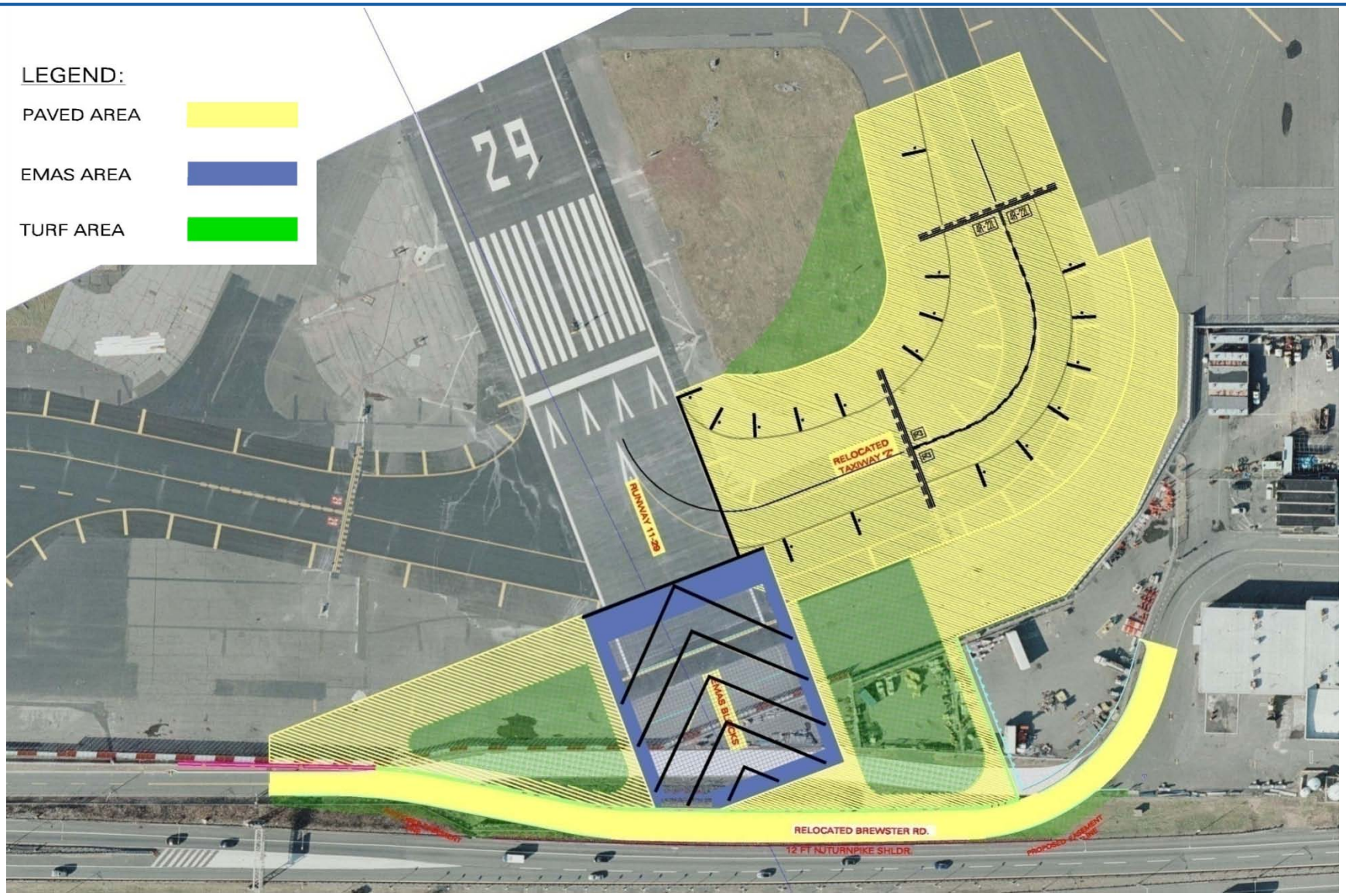
Committee on Construction

February 9, 2012

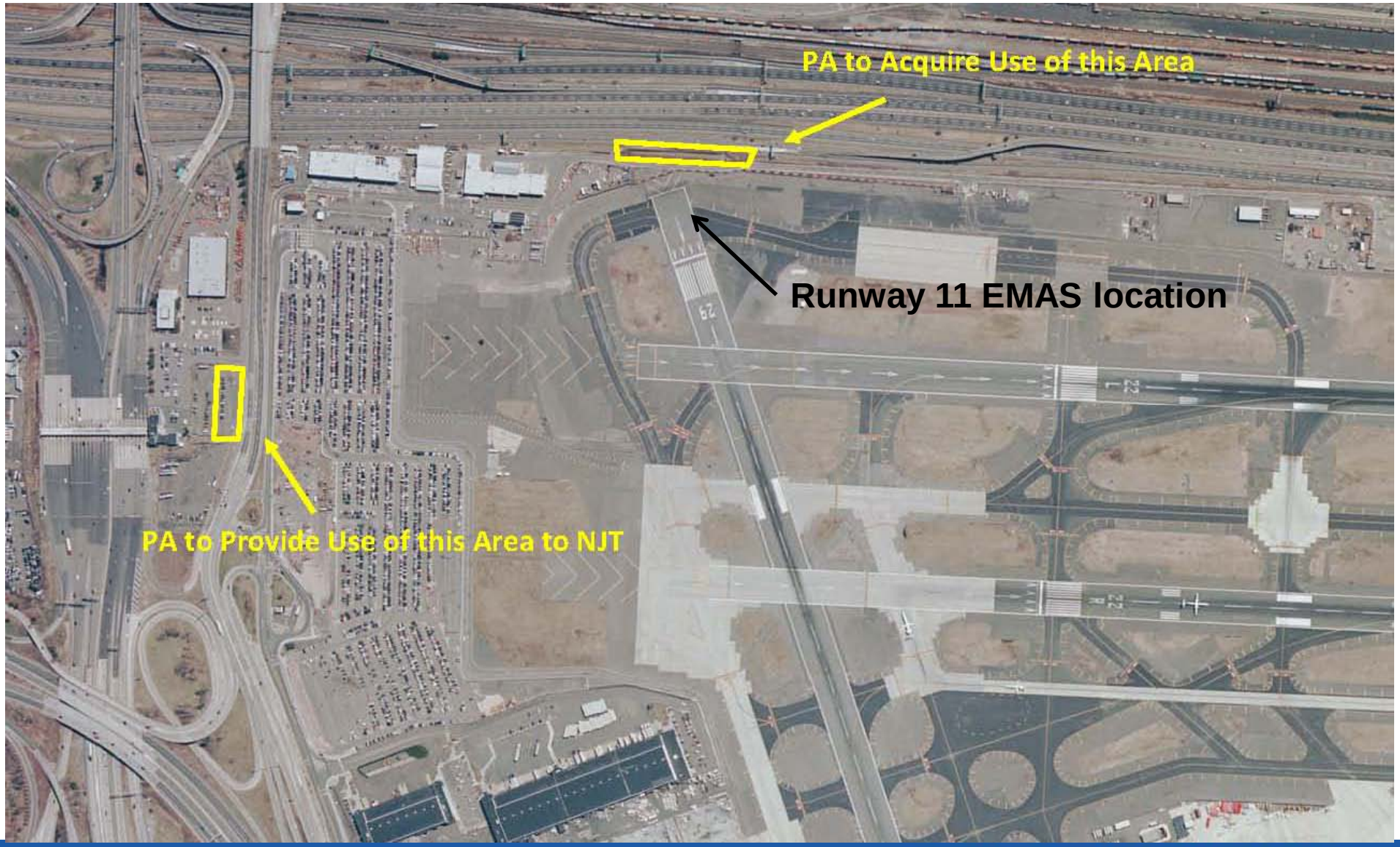
Engineered Material Arrestor System (EMAS)

- ✈ 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



Property License Agreement



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