

# ***LaGuardia Airport Site, Building and Utility Infrastructure Program Authorization***

Committee on Capital Planning, Execution and Asset  
Management

July 24, 2013

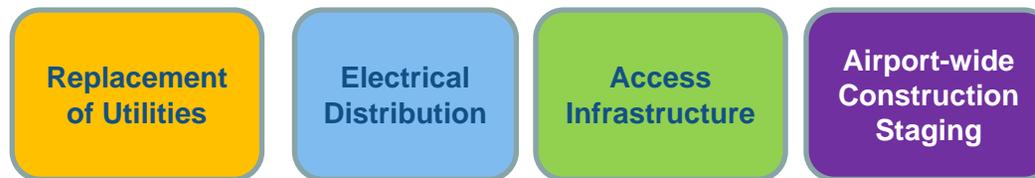
# Site, Building and Utility Infrastructure Program Authorization



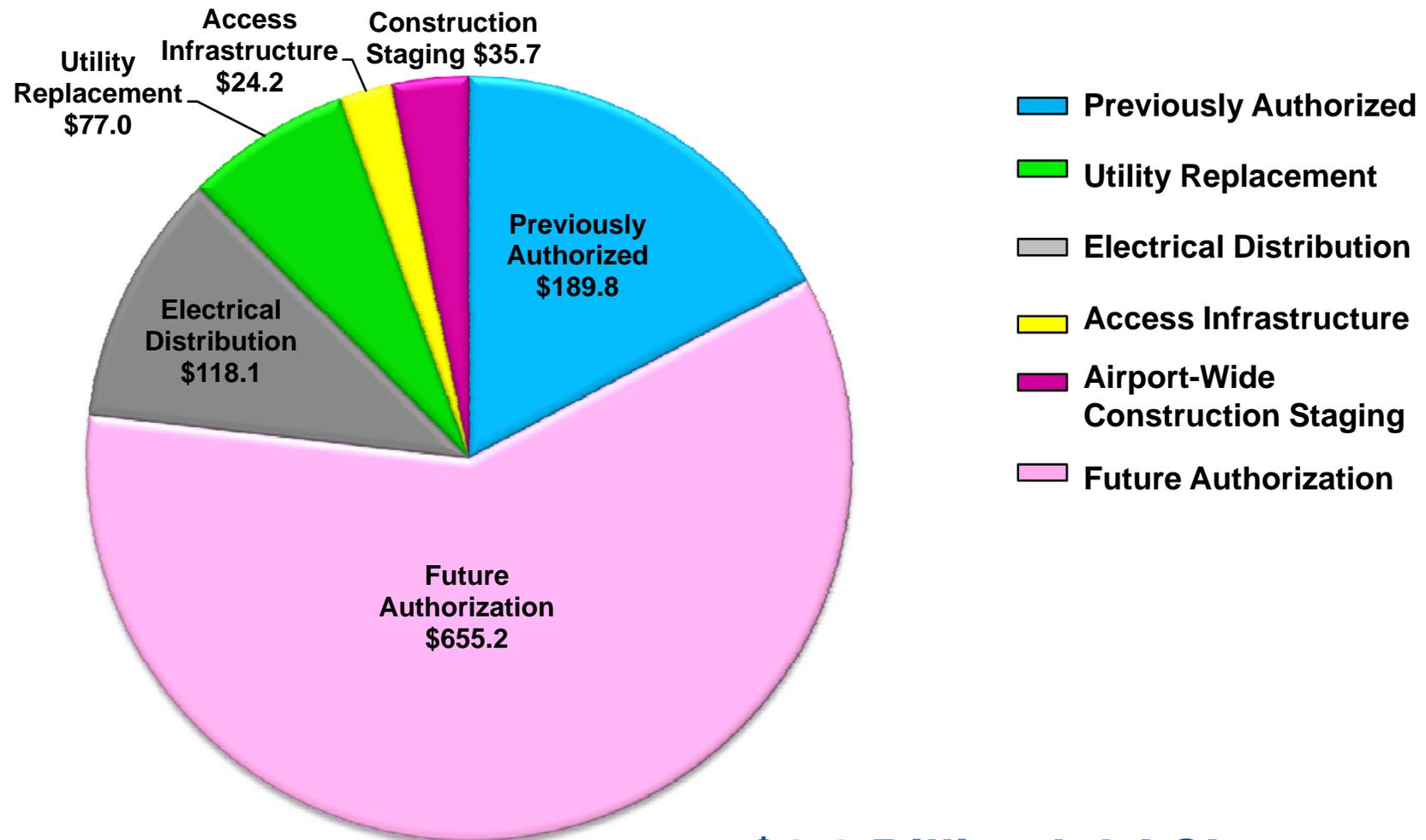
Site, Building & Utility Infrastructure Scope	Est. Total Project Cost (\$M)
Electrical Distribution	\$118.1
Replacement of Utilities	\$77.0
Access Infrastructure	\$24.2
Airport-Wide Construction Support	\$35.7
Est. Total	\$255.0

# Site, Building & Utility Infrastructure Program – Board Item Overview

Project	Start Const.	Est. T.P.C.	SGR	Age Circa
Utility Trunk Line Replacement	1Q14	49.5	12.5	1940 - 1990
East Field Lighting Vault	3Q14	27.5	13.3	1940 - 2000
5kv Distribution – West Section	1Q14	30.1	13.5	1940-1970
5kv Distribution – Center Section	2Q14	44.1	13.5	1940-1970
5kv Distribution – East Section	3Q14	43.9	13.5	1940-1970
Pedestrian Connector Bridge (Serving Terminal C)	2Q14	13.1	-	-
East End Exit Plaza (Lot 4)	1Q14	11.1	-	-
Airport-wide Construction Staging	1Q14	35.7	-	-
Total (\$M)		255.0		



# Site, Building and Utility Infrastructure – Program Organization



**\$1.1 Billion LGACI**

## ***Challenging Work Conditions***

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Relative Size: LGA @ 680 acres vs. JFK @ 5,000 acres

- All of LGA fits within JFK's Central Terminal Area

Significant amount of LGA construction needs to be completed in small operating area

LGA has 1,200 daily aircraft movements in 18 hours

One aircraft movement every 54 seconds makes LGA one of the busiest airports in the country

# ***Site, Building and Utility Infrastructure Program - Construction Manager/General Contractor Delivery***

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The Construction Manager/General Contractor is a single entity that can:

- Manage / coordinate multiple projects
- Accelerate construction via issuance of work packages
- Reduce potential for construction disputes and schedule delay
- Respond rapidly to unforeseen construction changes

# ***Site, Building and Utility Infrastructure - Program Authorization***

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## **Cost**

- Total Project Authorization \$255.0 M
- Construction Contract \$182.1 M
- PA Staff \$ 11.5 M
- Consultant Costs \$ 17.2 M
- Amount recoverable \$243.9 M / 96%

## **Procurement**

- Develop prequalified list of bidders (Publicly advertised solicitation) Q3 2013
- Bid and award Construction Contract Q4 2013

## **Schedule**

- Construction Commencement Q1 2014
- Construction Completion Q2 2017

## *Economic Impact*

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- 1,500 Total Job-Years
- \$112 Million in Wages
- \$364 Million in Economic Activity

