



## ESA FACTS & FIGURES

SCOPE & SCALE			
Current Budget.....	\$10.178 billion		
Revenue Service.....	December 2022		
Passenger Trips per Day .....	162,000		
Labor Utilization			
Peak .....	2,649 .....	(June 2012)	
Current.....	1,840 .....	(August 2015)	
	<i>Manhattan</i>	<i>Queens</i>	<i>Total</i>
Depth of Tunnels.....	80 ft - 140 ft.....	Surface - 90 ft	
Route Miles.....	3 .....	1.5 .....	4.5
Yards/Maintenance Facilities .....	1 .....	1/1 .....	1/2
Ventilation Facilities			
New/Existing.....	4/1 .....	2/5 .....	6/6
Surface/Subsurface.....	3/2 .....	5/2 .....	8/4
Traction Power Substations .....	4 .....	4 .....	8
Facility Power Substations.....	5 .....	8 .....	13
Controlled Blasts .....	2,702 .....	186 .....	2,888
Tunnel Boring Machines			
Type.....	2 hard rock .....	2 soft ground	
Diameter .....	22 feet .....	22 feet	
Drives .....	8 .....	4	
Distance .....	31,300 feet .....	11,200 feet	

NEW LIRR CONCOURSE	
Peak Hr. Trains - GCT/Penn .....	24/37
Square Footage (total) .....	350,000
Retail space (sf) .....	25,000
Passenger space (sf) .....	~120,000
Concourse (ft)	
Length .....	1,360
Width .....	170 to 240
Height .....	9 to 15
Entrances/Exits .....	6
Escalators .....	47
Speed (fpm) .....	100
Trip time .....	2 m 9 s
Length (ft) .....	182.955
Elevators.....	22
ADA Accessible .....	22
Platforms/Tracks .....	4/8
Mezzanine (ft)	
Length .....	1020
Width .....	52
Height .....	9 to 12
Upper 2 Platforms (ft)	
Length .....	1020
Width .....	27
Height .....	9 to 11
Lower 2 Platforms (ft)	
Length .....	1020
Width .....	27
Height .....	9 to 24

