

PORT EFFICIENCY: 2019 AND BEYOND





GARDEN CITY TERMINAL TODAY LARGEST SINGLE TERMINAL IN NORTH AMERICA

- 9 Container berths
- 9,693 ft (2,955 m) of contiguous berthing space
- 30 Container cranes
- 146 Rubber-tired gantries
- 1,200 acres (485.6 ha) terminal area

CAPITAL
INVESTMENT
OVER THE PAST
10 YEARS: \$1 B

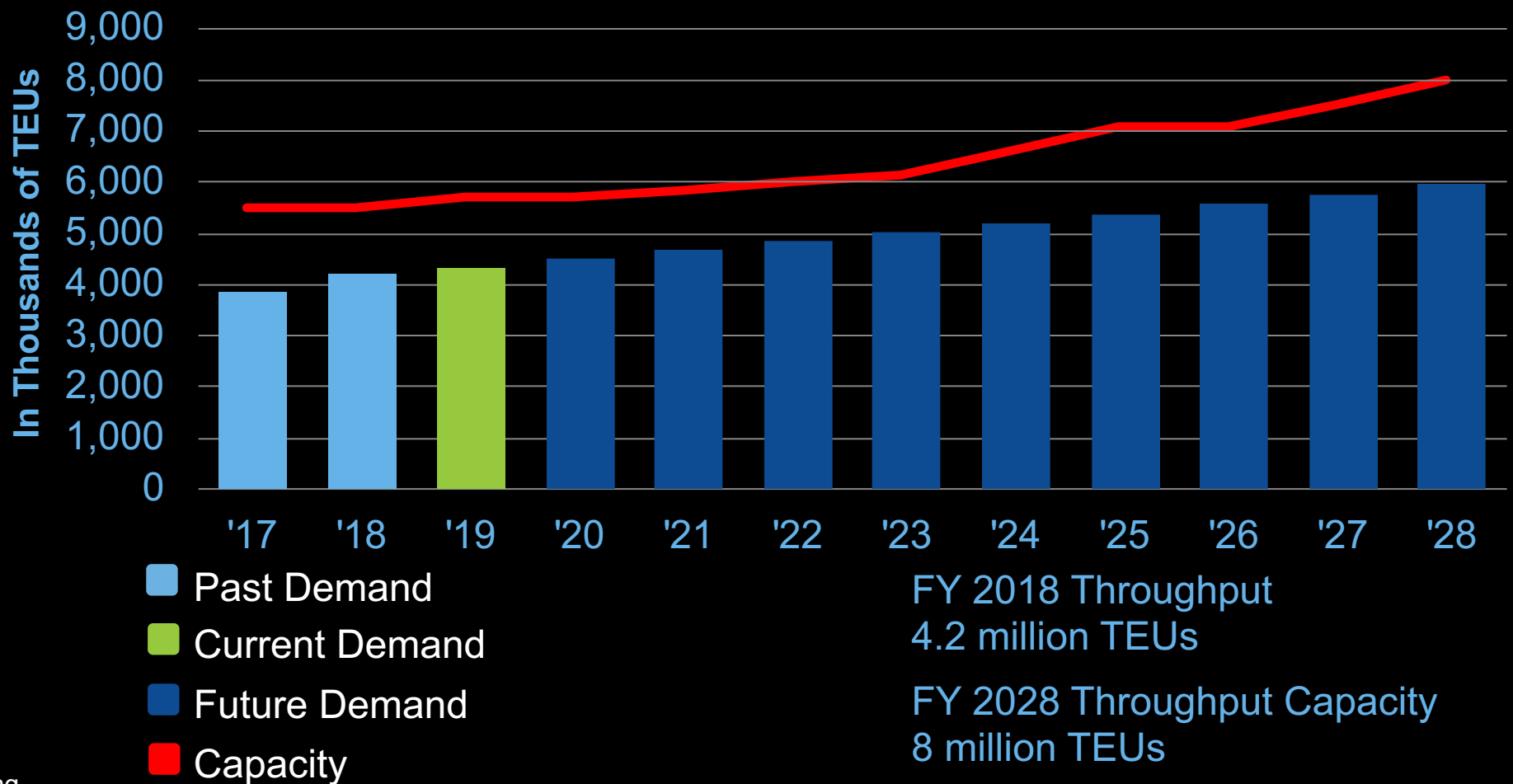
CAPITAL
INVESTMENT OVER
THE NEXT 10
YEARS: \$2.5 B

\$219 M approved for FY19



STAYING AHEAD OF THE GROWTH CURVE

We Strive to Keep Capacity Well Ahead of Demand through Long-term Planning



Source: GPA Marketing
(loads & empties)





GARDEN CITY TERMINAL: EQUIPMENT NOW & IN THE FUTURE

- 6 Super Post-Panamax Cranes for delivery in 2020
- 12 Electric Rubber-Tired Gantries (eRTGs) for delivery by mid-2019
- 8 Rail-Mounted Gantries (RMGs)

Equipment Type	Current	Build Out
Ship to Shore (STS) Cranes	30	42
Rubber Tired Gantries (RTG)	146	210

GATE FLUIDITY

**AVERAGE OVER 11,000 GATE MOVES/DAY;
SINGLE 33 MINUTES; DOUBLE 55 MINUTES.**

- 4 Gates. 48 Lanes with 28 Pre-check Lanes. 12 Portal Approach Lanes.
- Monday through Friday 6am to 6pm
- Saturday (Gate 4 only) 8am to Noon, 1pm to 5pm

Source: GPA Gate Operations, Average moves/turn times for July 2018-November 2018 Monday-Friday

GARDEN CITY TERMINAL GATE 8 COMPLETION



- Gate 8 Expansion doubles size and provides full service gate
- Sixteen total lanes along with scales, OCR and RPM facilities
- Grand opening scheduled for February 11, 2019

TRUCK FLUIDITY



5 roundabouts to egress 11,000+ trucks per day

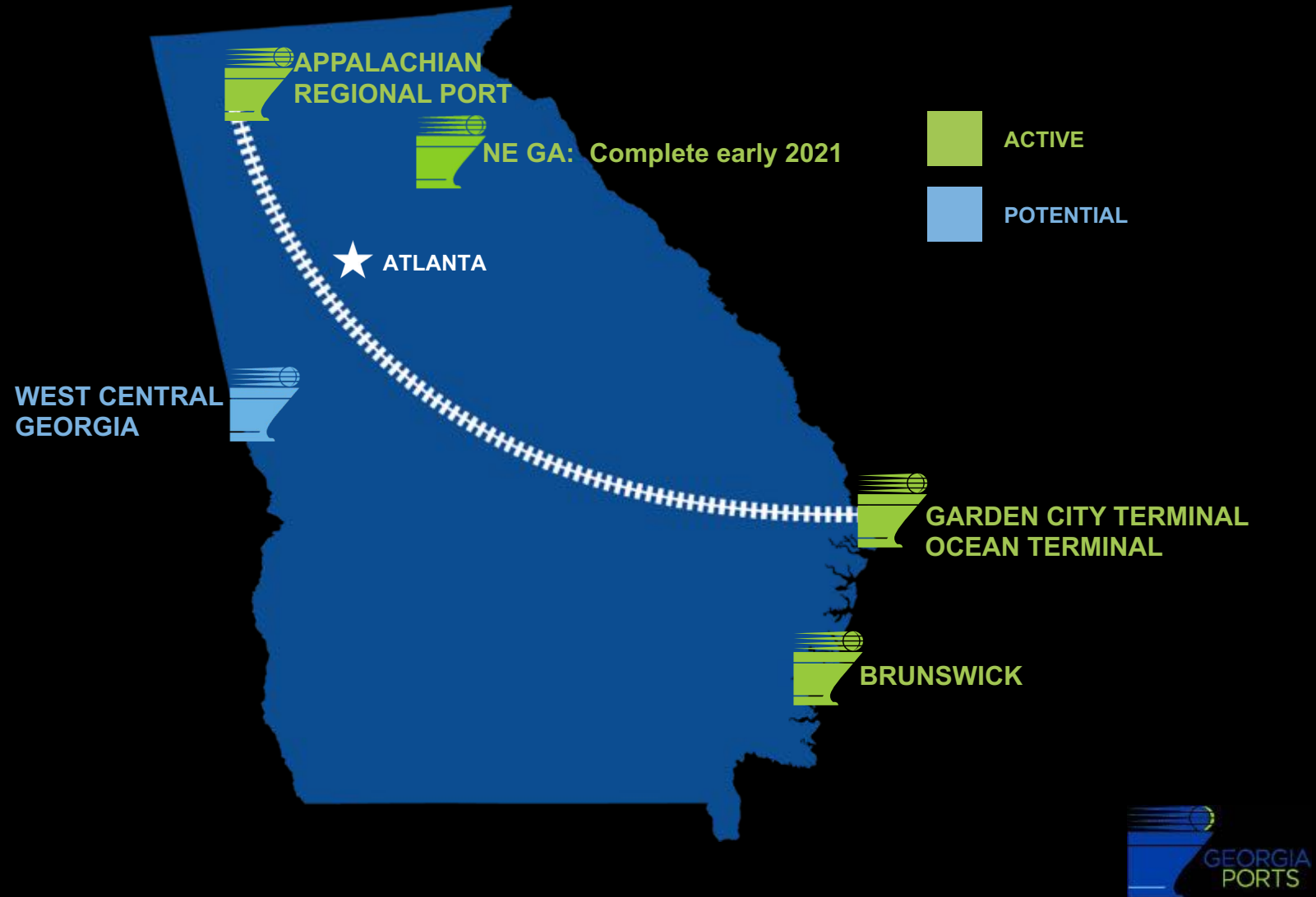
RAIL FLUIDITY



- On track for over 500,000 rail moves in 2019
- From vessel discharge to rail departure: < 25 hours
- Current rail track: 82,000 feet
- When megarail is complete: 179,000 feet

GEORGIA PORTS AUTHORITY

NETWORK GEORGIA





APPALACHIAN REGIONAL PORT

- A GPA intermodal site in Murray County, Georgia, served by CSX
- Opened August 2018
- Alleviating congestion in Atlanta & stimulating economic development

TERMINAL EFFICIENCY THROUGH TECHNOLOGY

- Gate pin #
- RFID tags on over-the-road trucks
- OCR Technology



TERMINAL EFFICIENCY THROUGH TECHNOLOGY

- Tablets in terminal equipment
- Handheld mobile devices
- RTG position detection system



Big Berth
Big Ship



14,000 TEU Vessels: 2



14,000 TEU Vessels: 3



14,000 TEU Vessels: 6



Super Post Panamax

Ship-to-Shore Cranes: 37



By 2024

21 New Cranes

Total: 42

**THANK
YOU!**

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