

THE PORT OF VIRGINIA

ADDRESSING TODAY'S CHALLENGES - PREPARING FOR TOMORROW'S OPPORTUNITIES

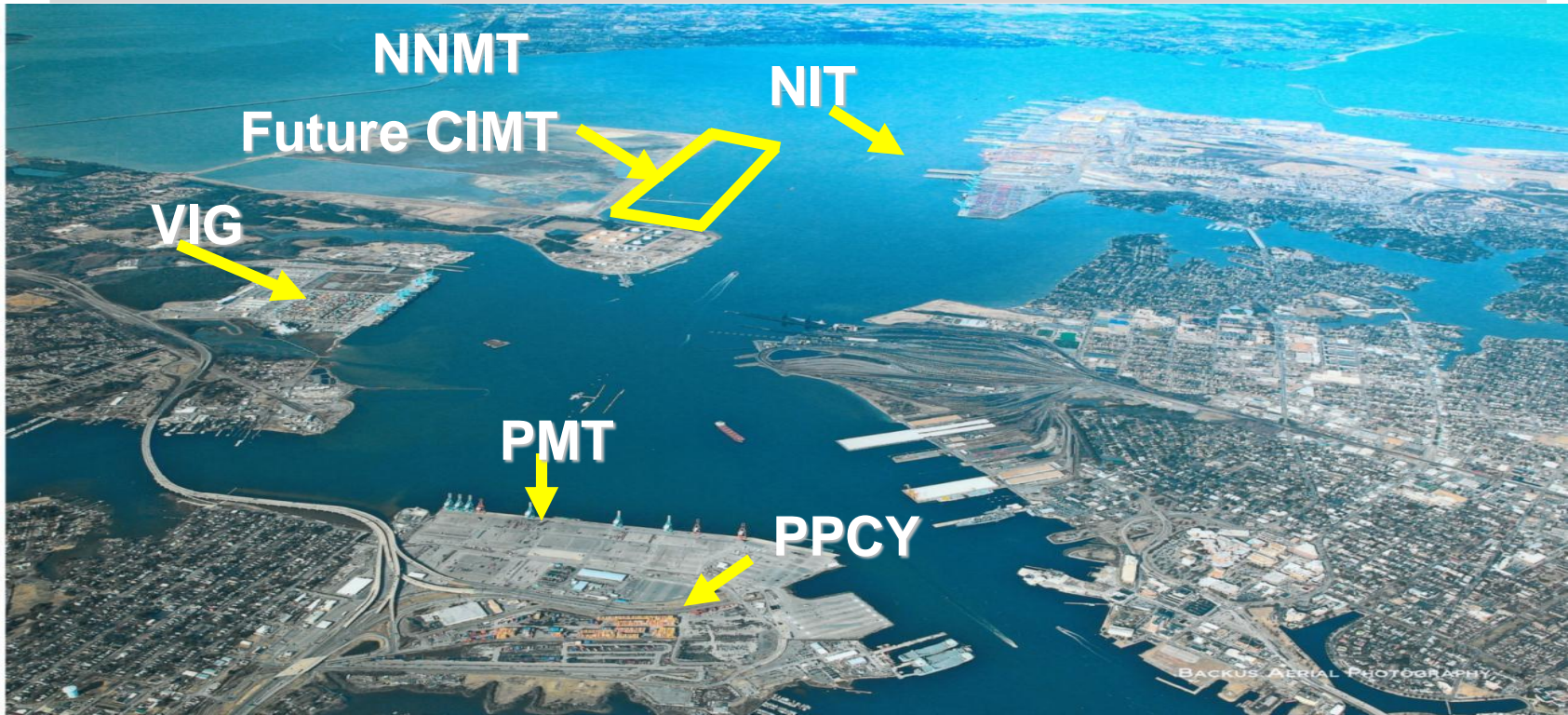


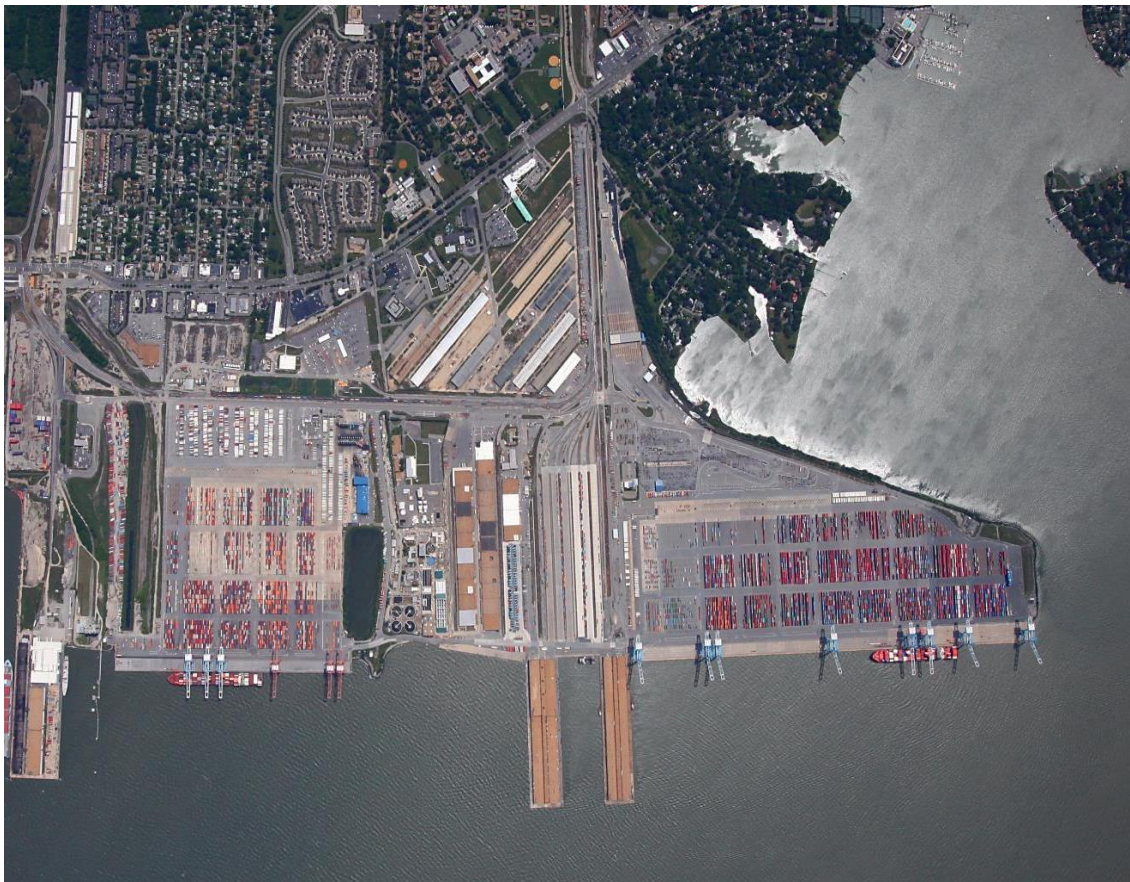
NIT Optimization Project

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HAMPTON ROADS HARBOR





Norfolk International Terminals

- Total Acreage: 567
- Wharf: 7,300 ft.
- Depth: 50 ft.
- Cranes: 14 with 22-25 container wide outreach
- Annual container capacity: 820,000 lifts

Rail service via Norfolk Southern

NIT NORTH GATE EXPANSION



- 26 new truck gates
- Ties into new I-564 connector
- Additional Stack Yard Capacity
- \$31 million investment
- June 2017 completion

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Norfolk International Terminals | Gate Technology



- NIT South Gate
 - 16 Physical Lanes (10 Bi-Directional)
- NIT North Gate
 - 26 Gate Lanes (16 Inbound/10 Outbound)
- Automated Truck Identification (RFID)
- Optical Character Recognition (OCR) Portals
- Remote Damage Inspection
- Biometric TWIC Security Validation
- Remote Interchange Process
- Fully Automated Outgate Process
- Weight In Motion Scaling – North Gate
- PRO-PASS Truck Reservation System



Norfolk International Terminals | Gate Technology



Semi-Automated Rail Interchange

- 3 OCR Portals (1 x Bi-directional Lane)
- Automated UTR Identification (RFID)
- Remote Damage Inspection
- Weight-In-Motion Scaling

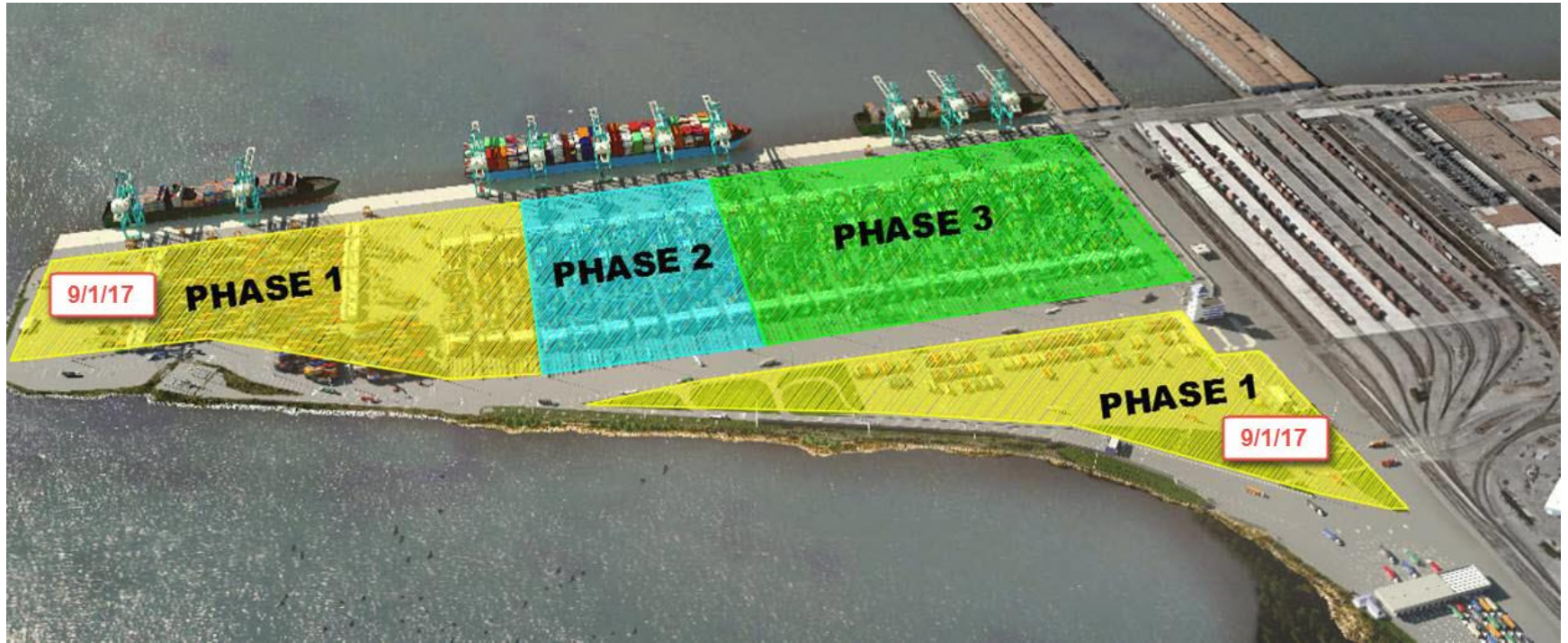
PHASE 1 - NIT SOUTH CONVERSION



Phase I

- \$350 million investment
- Increases annual container capacity by 400K lifts
- New Konecranes RMG cranes
- 2018: first stacks complete
- 2020: all 30 stacks complete

South NIT – Phase Plan



SOUTH NIT – TIME FRAME

- Construction begins Q3 2017
 - First Stack online Q4 2018
 - Last Stack online Q3 2020
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- Current annual container capacity: 500K lifts at South NIT
 - Annual container capacity after expansion: 900K lifts at South NIT
 - Total NIT annual container capacity after expansion: 1.22M lifts

Thank you