

STRATEGIC HIGHWAY NETWORK OVERVIEW

Military Transportation System

Eric Randall, TPB Transportation Engineer

TPB Technical Committee
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Structure of Presentation

- USDOT Planning Areas
- Strategic Highway Network (STRAHNET)
 - Local Maps
- Military Transportation System
 - TRANSCOM
 - SDDC

Federal Planning Emphasis Areas

- The FHWA and FTA Planning Offices issued a Planning Emphasis Areas (PEAs) letter on December 30, 2021
 - Key topics federal agencies want to see addressed in statewide, metropolitan, and other agency planning
 - Areas included: climate change, equity, complete streets, public involvement, data

#5 - Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination

- “FHWA Division and FTA regional offices should encourage MPOs and State DOTs to coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities.”

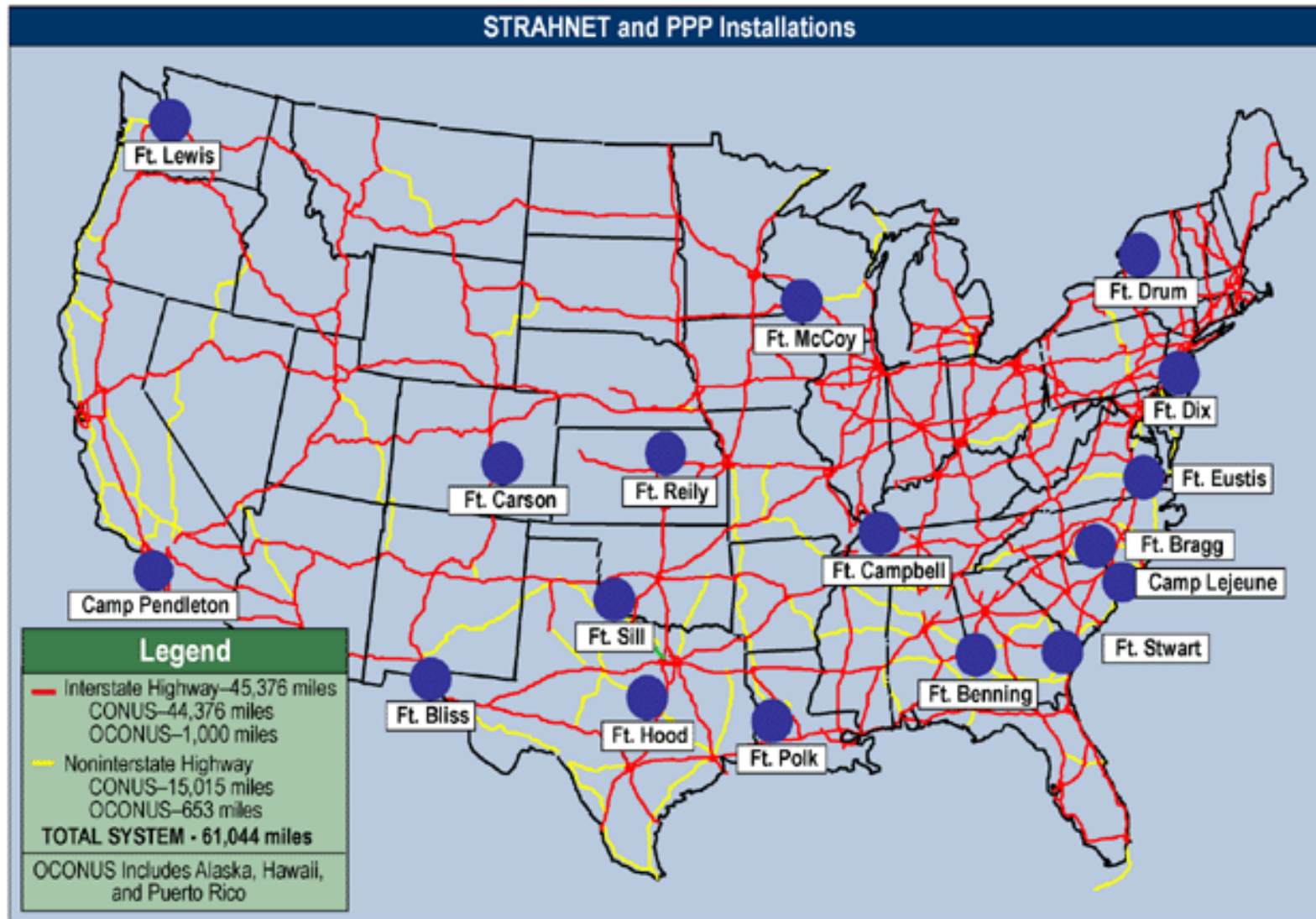


What is STRAHNET?

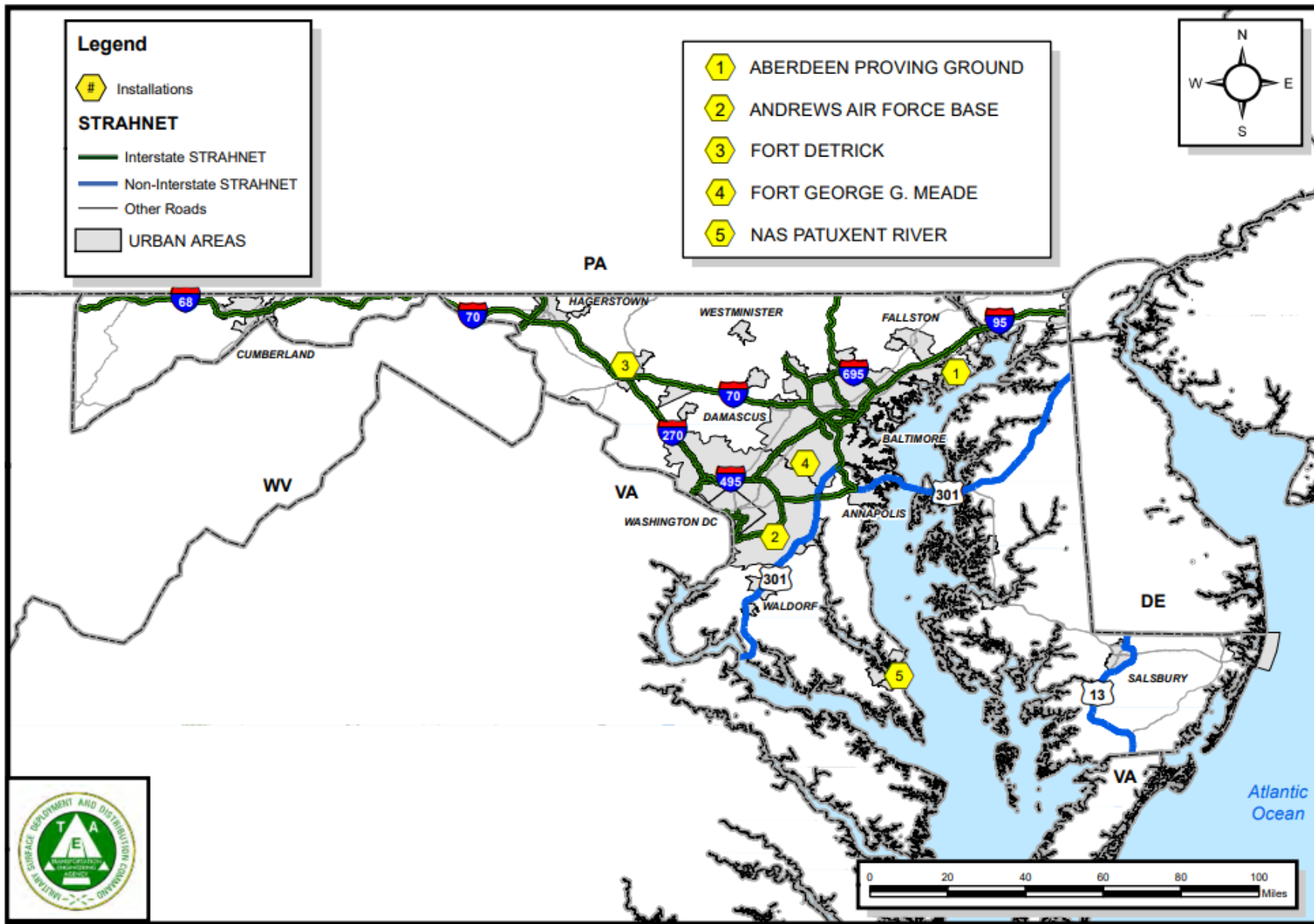
- Dwight D. Eisenhower National System of Interstate and Defense Highways,
 - Historically (1950s) many of the highways (or portions of the highways) were inadequate to meet the needs of national and civil defense.
 - The DOD's facilities include military bases, ports, and depots. The road networks that provide access and connections to these facilities are essential to national security.
- The 64,200-mile STRAHNET system consists of public highways that provide access, continuity, and emergency transportation of personnel and equipment in times of peace and war.
 - It includes the entire 48,482 miles of the Interstate and Defense Highway system and 14,000 miles of other non-Interstate public highways on the National Highway System.
 - STRAHNET also contains approximately 1,800 miles of connector routes linking more than 200 military installations and ports to the primary highway system.
 - DOD's facilities are also often major employers in a region, generating substantial volumes of commuter and freight traffic on the transportation network and around entry points to the military facilities.



STRAHNET and Major Bases








MARYLAND


















STRAHNET Virginia

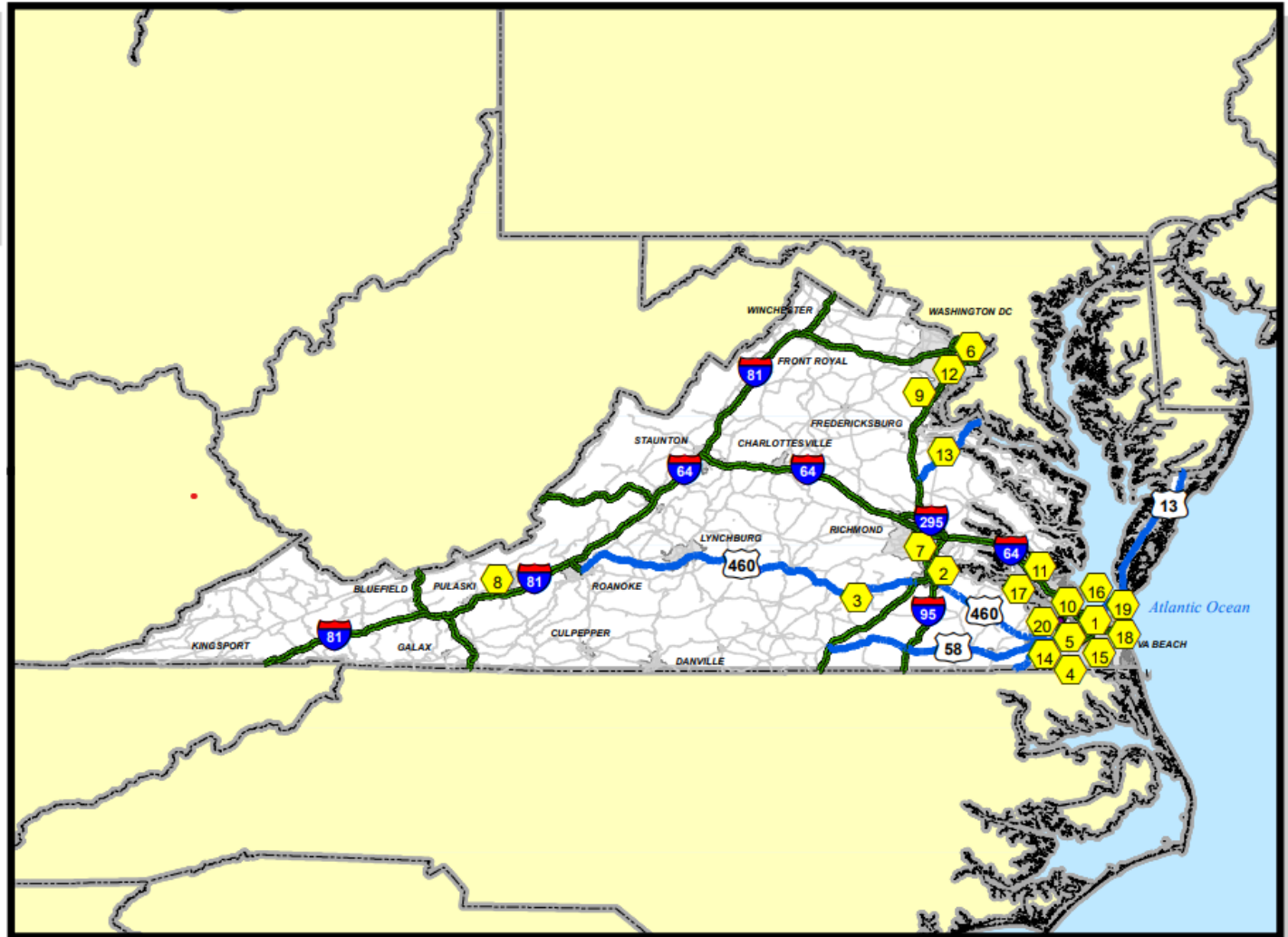
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Legend

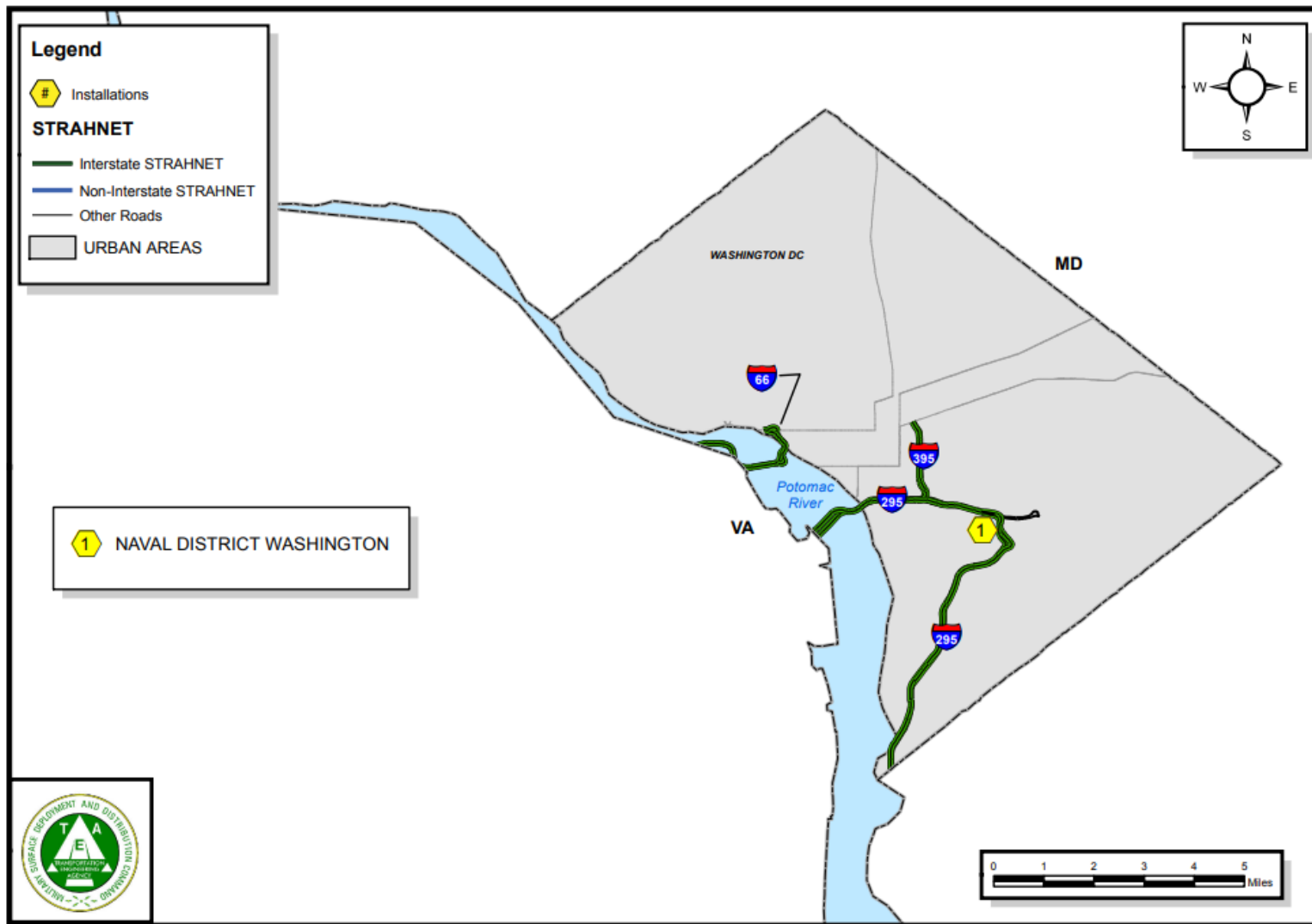
-  Installations
-  Interstate STRAHNET
-  Non-Interstate STRAHNET
-  Other Roads
-  Urban Areas

Installations

-  1 Naval Air Station, Oceana
-  2 Fort Lee
-  3 Fort Pickett
-  4 Norfolk Naval Shipyard
-  5 Langley Air Force Base
-  6 Fort Myer
-  7 DGSC, Richmond
-  8 Radford Army Ammunition Plant
-  9 Marine Corps Base, Quantico
-  10 Naval Station, Norfolk
-  11 Naval Supply Center Cheatham Annex
-  12 Fort Belvoir
-  13 Fort A.P. Hill
-  14 Naval Weapons Station, Yorktown
-  15 Fort Story
-  16 Little Creek Naval Amphibious Base
-  17 Fort Eustis
-  18 Port of Virginia "Norfolk International Terminal"
-  19 Port of Virginia "Newport News Marine Terminal"
-  20 Hampton Roads "Portsmouth Marine Terminal"



DISTRICT OF COLUMBIA



Last Updated: June 27 2012



Military Transportation System

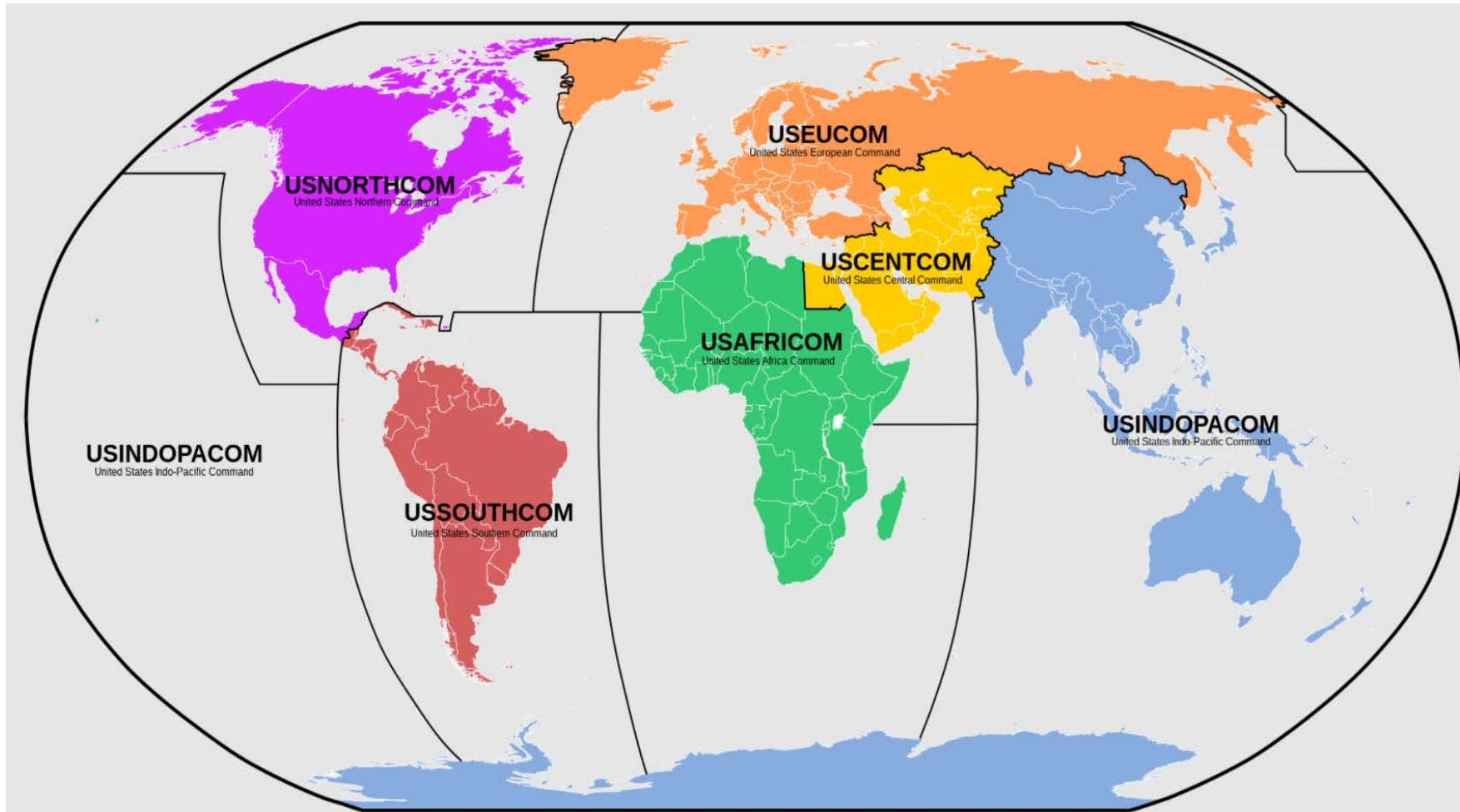


Unified Combatants Commands (COCOMs)

- Functional COCOMs operate world-wide across geographic boundaries and provide unique capabilities to geographic combatant commands and the Services
- Geographic COCOMs operate in clearly delineated areas of operation and have a distinctive regional military focus.
- There are currently eleven COCOMs:
 - USSOCOM: U.S. Special Operations Command, MacDill Air Force Base, FL.
 - USSTRATCOM: U.S. Strategic Command, Offutt Air Force Base, NE.
 - USSPACECOM: U.S. Space Command, Peterson Space Force Base, CO.
 - USTRANSCOM: U.S. Transportation Command, Scott Air Force Base, IL.
 - USCYBERCOMMAND: U.S. Cyber Command, Fort George G. Meade, MD.
 - USAFRICOM: U.S. Africa Command, Kelley Barracks, Stuttgart, Germany.
 - USCENTCOM: U.S. Central Command, MacDill Air Force Base, FL.
 - USEUCOM: U.S. European Command, Patch Barracks, Stuttgart, Germany.
 - USNORTHCOM: U.S. Northern Command, Peterson Air Force Base, CO.
 - USINDOPACOM: U.S. Indo-Pacific Command, Camp H.M. Smith, HI.
 - USSOUTHCOM: U.S. Southern Command, Miami, FL.



Map of Geographic COCOMs



TRANSCOM and SDDC

- USTRANSCOM
 - Responsible for military transportation missions
 - Land (Army), Sea (Navy) and Air (Air Force) component commands handle transportation needs for respective areas
 - Air Mobility Command (AMC)
 - Provide rapid, global mobility and sustainment via airlift and aerial refueling for America's armed forces as well as humanitarian support
 - Military Sealift Command (MSC)
 - Operates approximately 110 non-combatant, civilian-crewed ships that replenish U.S. Navy ships, conduct specialized missions, strategically preposition combat cargo at sea around the world and move military cargo
 - Surface Deployment and Distribution Command (SDDC)





SDDDC

SDDDC Command Overview



OVERALL CLASSIFICATION: **UNCLASSIFIED**



SDDC ORGANIZATIONAL STRUCTURE



Army Service Component Command (ASCC) to United States Transportation Command (USTRANSCOM)



Major Subordinate Command (MSC) to Army Materiel Command (AMC)



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SDDC ORGANIZATIONAL STRUCTURE

Active Component



595th TRANSPORTATION BRIGADE
(CENTCOM FOCUSED)



596th TRANSPORTATION BRIGADE
(NORTHCOM/AMMO PORT FOCUSED)



597th TRANSPORTATION BRIGADE
(NORTHCOM/SOUTHCOM FOCUSED)



598th TRANSPORTATION BRIGADE
(EUCOM/AFRICOM FOCUSED)



599th TRANSPORTATION BRIGADE
(INDOPACOM FOCUSED)



**MILITARY SURFACE
DEPLOYMENT AND
DISTRIBUTION
COMMAND (SDDC)**



**TRANSPORTATION
ENGINEERING
AGENCY
(TEA)**

Reserve Component



DEPLOYMENT SUPPORT COMMAND
(RESERVE COMPONENT)

1179th TRANSPORTATION BRIGADE

1189th TRANSPORTATION BRIGADE

1190th TRANSPORTATION BRIGADE

1394th TRANSPORTATION BRIGADE

757th EXPEDITIONARY RAIL COMMAND (ERC)

UNCLASSIFIED





SDDC MISSION, VISION & ENDSTATE



OUR MISSION:

Plan, coordinate, and synchronize global end to end deployment and distribution services to project and sustain our nation's Warfighters in support of national objectives.

OUR VISION:

A world-class team delivering innovative and responsive global deployment and distribution solutions now and into the future.

OUR ENDSTATE:

Agile distribution and deployment support provided on time...on target...every time!

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MOTCO
 MILITARY OCEAN TERMINAL CONCORD
 • STRATEGIC AMMUNITION PORT TO THE WEST

MOTSU
 MILITARY OCEAN TERMINAL SUNNY POINT
 • STRATEGIC AMMUNITION PORT TO THE EAST

SDDC FORCES

- 9 BRIGADES
- 24 BATTALIONS
- 18 ETOEs
- 10 ACDs
- 3 RPOEs
- 1 ERC

TEA
 TRANSPORTATION ENGINEERING AGENCY – SCOTT AFB, IL

- TRANSPORTATION ENGINEERING
- DEPLOYABILITY ANALYSIS
- MODELING AND SIMULATION
- PROGRAMS FOR NATIONAL DEFENSE:
 - HIGHWAYS, RAILROADS, PORTS

HEADQUARTERS

DSC

BRIGADES, BATTALIONS, AND DETACHMENTS (SDDC AND HQ)

RECENT SDDC ACTIVITY

SDDC HEADQUARTERS (SCOTT AFB, IL)
TEA (SCOTT AFB, IL)

595TH TRANS BDE (CAMP ARIFJAN, KUWAIT)
 831ST TRANS BN (BAHRAIN)
 840TH TRANS BN (ASH SHUAIBA, KUWAIT)

596TH TRANS BDE (SOUTH PORT, N.C.)
 833RD TRANS BN (JB LEWIS-MCCHORD, WA)
 834TH TRANS BN (CONCORD, CA)

597TH TRANS BDE (JB LANGLEY-EUSTIS, VA)
 832ND TRANS BN (JB LANGLEY-EUSTIS, VA)
 841ST TRANS BN (CHARLESTON, S.C.)
 842ND TRANS BN (BEAUMONT, TX)

598TH TRANS BDE (SEMBACH, GERMANY)
 838TH TRANS BN (KAISERSLAUTERN, GERMANY)
 839TH TRANS BN (LIVORNO, ITALY)

599TH TRANS BDE (WHEELER AAF, HI)
 835TH TRANS BN (OKINAWA, JAPAN)
 836TH TRANS BN (YOKOHAMA, JAPAN)
 837TH TRANS BN (BUSAN, ROK)
 SDDC NRU PACIFIC (NAVY RESERVE) (ALAMEDA, CA)

DEPLOYMENT SUPPORT COMMAND (DSC) (U.S. ARMY RESERVE) (BIRMINGHAM, AL)

1179th TRANS BDE (FORT HAMILTON, NY)
 1173rd DDSB (BROCKTON, MA)
 1174th DDSB (FLUSHING, NY)
 1185th DDSB (LANCASTER, PA)
 1398th DDSB (BALTIMORE, MD)

1189th TRANS BDE (CHARLESTON, SC)
 1182nd DDSB (NORTH CHARLESTON, SC)
 1186th DDSB (JACKSONVILLE, FL)
 1188th DDSB (DECATUR, GA)

1190th TRANS BDE (BATON ROUGE, LA)
 1181st DDSB (MERIDIAN, MS)
 1184th DDSB (MOBILE, AL)
 1192nd DDSB (NEW ORLEANS, LA)

1394th TRANS BDE (CAMP PENDLETON, CA)
 1395th DDSB (SEATTLE, WA)
 1397th DDSB (VALLEJO, CA)

757th ERC (GRAFTON, IL)



OUR STRENGTH: SDDC's PEOPLE

SDDC Authorizations

1,460 Civilians
 500 Contractors
 408 Active Duty
 231 Local Nationals

2,599 TOTAL

DSC Authorizations

105 HQ DSC
 244 4 Brigades (61 ea)
 181 1 Expeditionary Rail Center
 1,128 12 Battalions (DDSB) (94 ea)
 738 18 ETOEs (41 ea)
 200 10 ACDs (20 ea)
 4 2 Chap Dets (2 ea)

2,600 TOTAL

**SDDC's
 Total Force
 ~5,200**

MILITARY:

- Average age of assigned active duty military personnel: 38 years old
- Average years of service for active duty military personnel: 16 years
- Total assigned active duty military personnel, command-wide: 408
- Breakout of the 408 military personnel by service:
 - Army assigned active duty personnel: 388
 - Officers: 131
 - Enlisted: 257
 - Navy assigned active duty personnel: 13
 - Officers: 13
 - Enlisted: 0
 - Air Force assigned active duty personnel: 7
 - Officers: 7
 - Enlisted: 0

CIVILIAN:

- Civilian Employees assigned to SDDC: 1,460
- Average age: 49
- Average Years of Service: 16
- Retirement eligible within 2 years: 23%
- Civilians retired from the Military: 319



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SDDC's COMPREHENSIVE READINESS

SDDC's comprehensive readiness connects combat power and lethality to conveyances, links the global distribution network to the warfight, and provides a lens through which the command evaluates operational effectiveness.



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SDDC's LINES OF OPERATION

**SURFACE WARRIORS
DELIVER READINESS
ON TIME, ON TARGET,
EVERY TIME!**

- Leader in DOD Deployment and Distribution Solutions
- Global Focus
- Mode and Node Neutral
- Commercial Partners

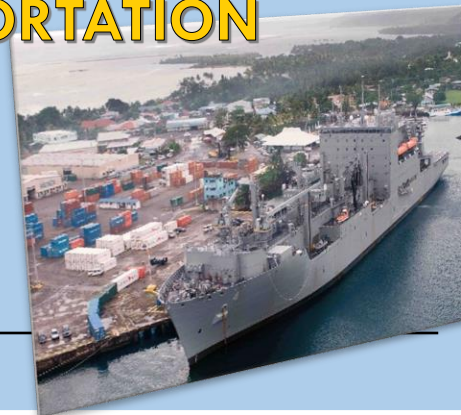
**DOMESTIC
TRANSPORTATION**



**TRANSPORTATION
ENGINEERING**



**INTERNATIONAL
TRANSPORTATION**

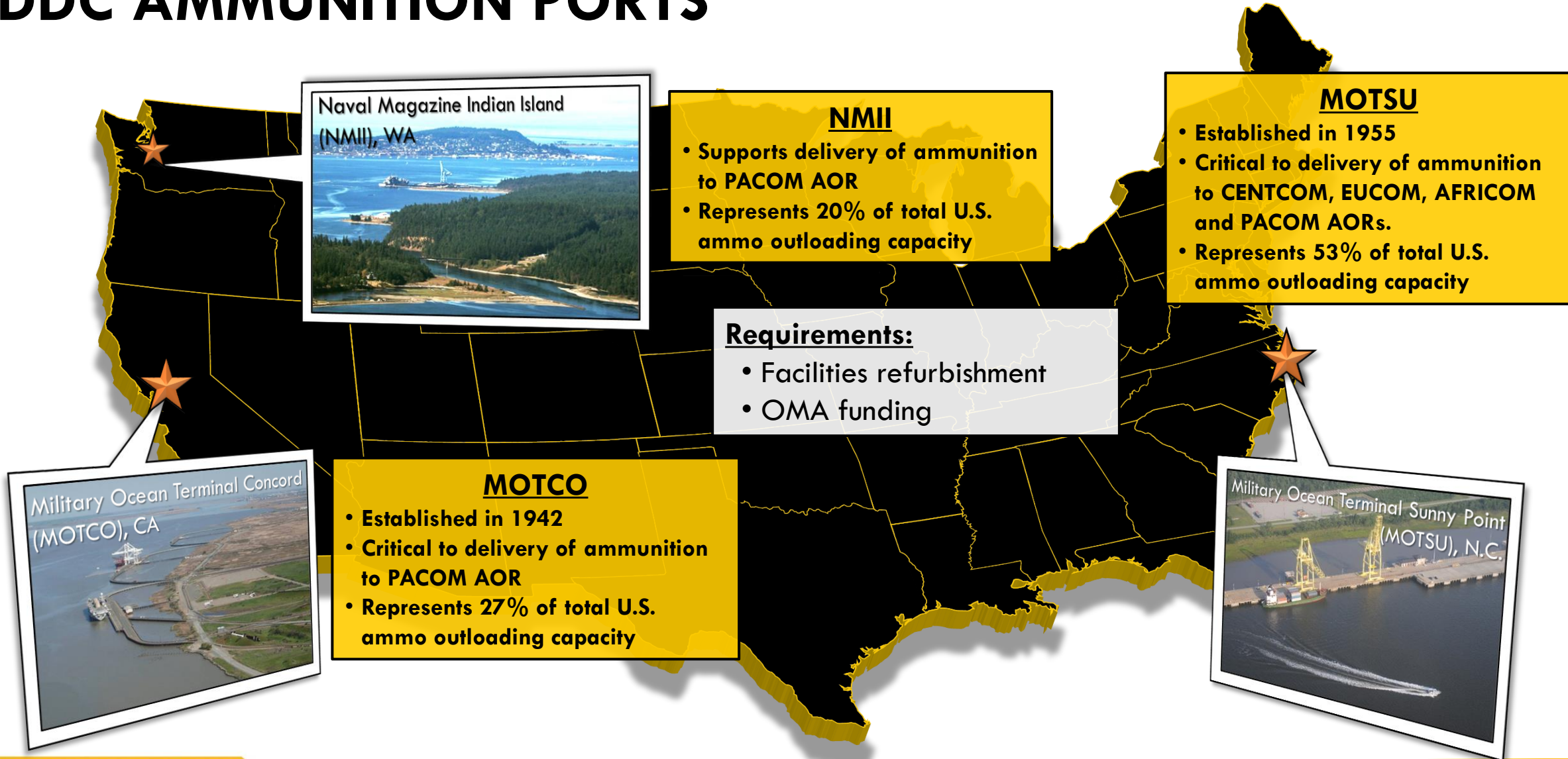


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SDDC AMMUNITION PORTS



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OUR COMMITMENT



The Warfighter knows that SDDC will ensure the right equipment is delivered on time, on target, every time, to ensure mission success.

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Takeaways

- Know about STRAHNET
 - Include in federally required planning documents
 - Map programmed projects to STRAHNET
- Outreach to DOD partners to see if any needs
 - Be aware of military transportation needs



Eric Randall

TPB Transportation Engineer

(202) 962-3254

erandall@mwkog.org

mwkog.org/tpb

Metropolitan Washington Council of Governments

777 North Capitol Street NE, Suite 300

Washington, DC 20002



National Capital Region
Transportation Planning Board