



•SDDC

**•Military Surface
Deployment and
Distribution
Command**

HIGHWAYS FOR NATIONAL DEFENSE

Military Surface Deployment and
Distribution Command –
Transportation Engineering Agency

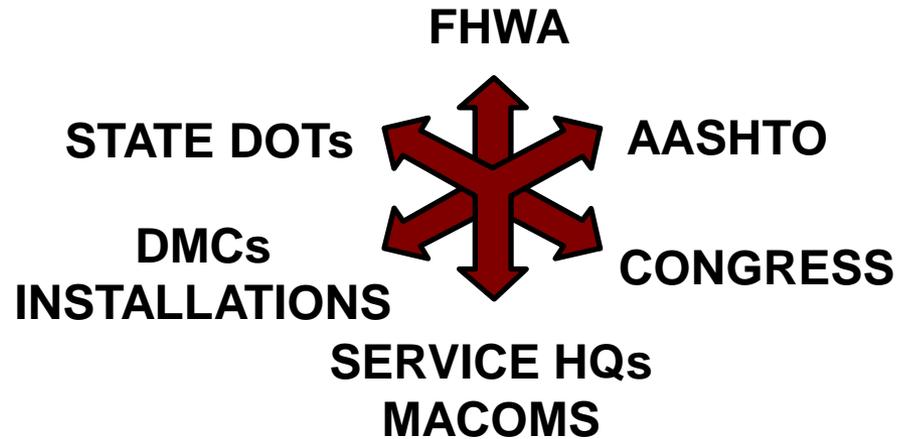
Improve the Deployability of the U.S. Armed Forces



Highways for National Defense



U.S. Department of Transportation
Federal Highway Administration



SDDC

HND

Highways for National Defense

Ensure Defense Public Highway Needs Are Met

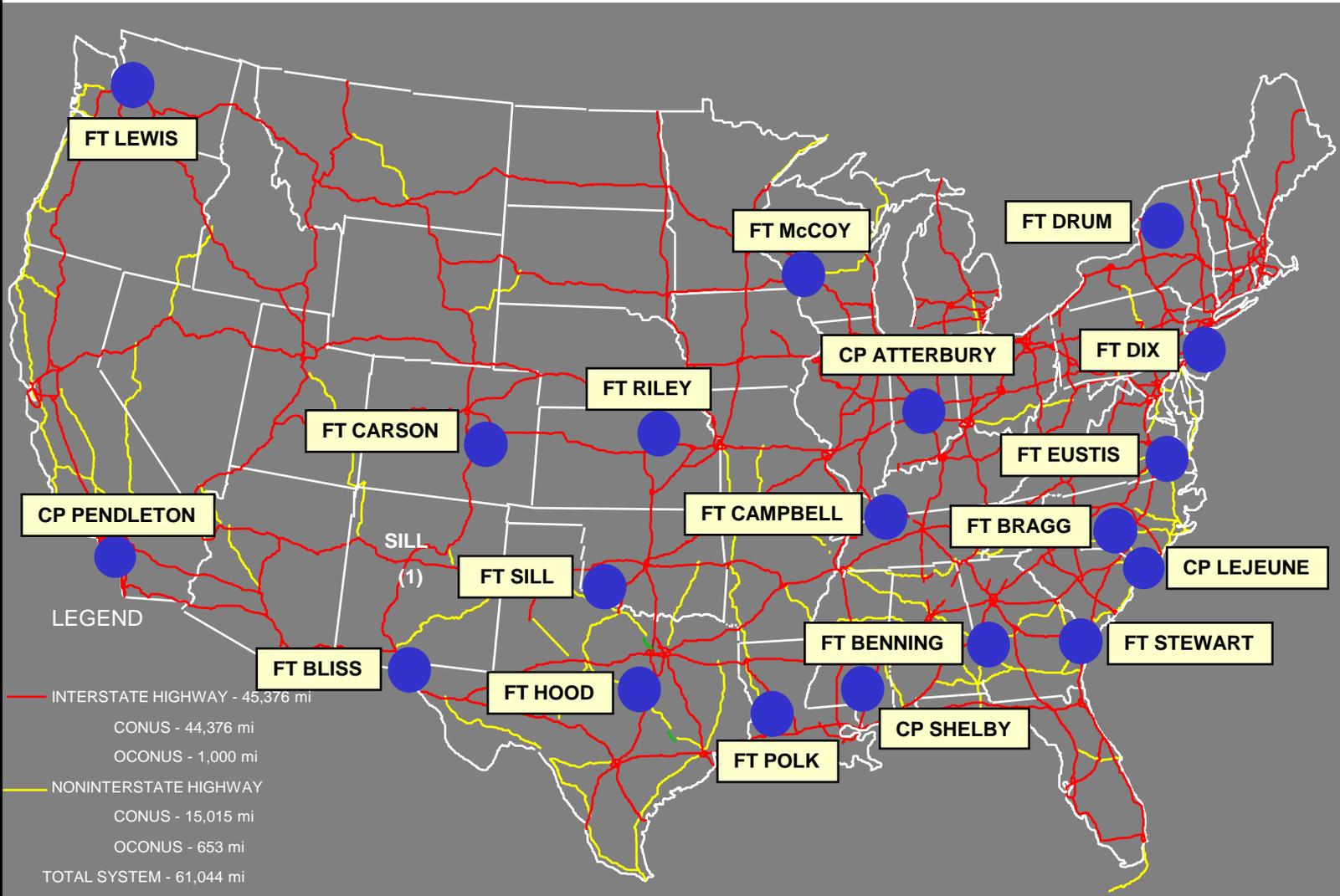


**Identify/Integrate
Defense Public
Highway Needs**

**Establish Policy
on Defense Use of
Public Highways**



STRAHNET & PPP Installations



STRAHNET & Connectors in the NHS

- **Intermodal Surface Transportation Efficiency Act of 1991 (P.L. 102-240) Dec 1991**
- **National Highway System Designation Act of 1995 (P.L. 104-59) Nov 1995**
- **Included connector routes for approximately 200 major military installations and ports**
- **Importance:**
 - Optimum maintenance levels
 - Significant role in DOD deployment scenarios



HND

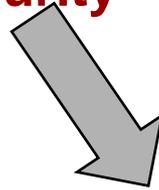


SDDC

Federal Highway Administration (FHWA) National Strategic Plan

- **Strategic Goals and Objectives**

- Mobility
- Safety
- Productivity
- Human and Natural Environment
- **National Security**



“Improve the capacity, operations, and safety of the Strategic Highway Network (STRAHNET), STRAHNET Connectors, and military installation roads to support defense mobilization.”



HND

Defense Highway Requirements Task Force

- **Annual Meetings to Address Specific Defense Issues**
 - SDDCTEA - DOD Rep
 - FHWA - HQ and Div Reps
- **Focus Areas**
 - System Assessment
 - Oversize/Overweight Vehicles
 - Emergency Preparedness
 - Military Installation Road Needs
 - Coordination



Emergency Planning & Coordination

- FHWA Div and State DOT's meet with Military Installation Personnel



- Military Deployment Coordination Procedures and Exercises



FHWA Federal Lands Highway Program

- **Public Lands Highway Discretionary Transportation Planning Funds**
 - Safety and Force Protection Studies
 - FY04–FY08: \$3.3M
- **Public Lands Highway Discretionary Projects**
 - Ft Drum, NJ \$800k
 - Ft Campbell, KY \$3.6M
 - Lakehurst NAE, NJ \$250k
 - Dyess AFB, TX \$2.2M
 - Beale AFB, CA \$1M
 - Ft Hood, TX \$2.4M
 - Ft Lewis, WA \$750k
 - USMC Quantico Heritage Ctr, VA \$2.8M



Highway Legislation Reauthorization

- **Military Vehicle Access**
 - Expedited movement of oversize/overweight marked military vehicles in a defense emergency
 - Relief from tolls
- **Freight Transportation Gateways: Freight Intermodal Connections**
 - Improvements to various access roads to commercial ports including those currently not eligible for Federal-aid funding.
 - STRAHNET connector roads to SPOE's could be improved.
- **Federal Lands Highway Division**
 - Funds for various highway safety projects on military roads “open to public travel”.
 - SDDCTEA would be eligible for these purposes.
 - This would reduce the number of fatalities and injury accidents on military installations.



HND

Highway Legislation Reauthorization

- **Infrastructure Security Measures**
 - Camera surveillance, hardening of infrastructure, etc.
 - Critical military routes should be considered
- **Critical Access Roadways to Seaports**
 - Some routes under jurisdiction of locality rather than the State
 - Support establishment of a program to allow federal funds to be spent on these roads
- **Military Installation Roads (MIR) Program**
 - FLH program to address critical military installation road safety issues
 - Complements FHWA Safety and National Security Goals



HND

Defense Transportation Regulation DOD 4500.9-R

- Coordination with TRANSCOM, J-4
- HND Operations addressed
- Part III, Mobility, Appendix F, Permits for
Oversize/Overweight, or Other Special Military
Movements on Public Highways in the United
States
 - Convoy Operations
 - Procedures for operating on public
highways, i.e. permits



HND

Defense Movement Coordinators (DMCs)

- **Enhanced State DOT/DOD Relationship!**

- **SDDCTEA Coordination**

- Publish State/DOD permit POCs
- Establish State executive-level counterpart to resolve emergency issues
- DMC annual meeting
- Exchange of information on various public highway issues
- DMC's are our "eyes and ears" regarding military organic vehicle movement issues on public highways



Highways for National Defense at Work

- **Stryker Light Armored Vehicle (LAV)**
- **Palletized Loading System (PLS)**
- **Heavy Equipment Transporter System (HETS)**



Stryker Light Armored Vehicle (LAV)

- **Fielded to 6 CONUS installations**

- Ft Lewis, WA
- Ft Wainright, AK
- Ft Richardson, AK
- Ft Polk, LA
- Ft Shafter, HI
- Army National Guard, PA



- **Oversize width (106.47 in) requires state highway permits**

- **Assisted Ft Lewis ITO and WA DMC in attaining standing permits**

- **Will work with other states/installations**

HND



Palletized Loading System (PLS)

- **Regulatory Change to “Non-divisible Load or Vehicle” Definition**
 - PLS movement limitations
 - Worked with FHWA to affect Rule change
 - States may consider marked military equipment as nondivisible vehicles or loads



Heavy Equipment Transporter System (HETS)

- HETS Bridge Study - less impact on bridges than previously believed

- Axle Width
- Eight Tires per Axle
- Suspension System



HND



SDDC

Highways for National Defense Summary



We ensure that public highways can support a defense emergency through actions and coordination with USTRANSCOM, military services & installations, State DOTs, FHWA, and other highway organizations.



SDCIC

HND

Highways for National Defense

Jason Cowin, P.E. - jason.cowin@us.army.mil

Douglas Briggs, P.E. - douglas.e.briggs@us.army.mil

**SDDCTEA
ATTN: SDTE-SA
709 Ward Drive
Scott AFB, IL 62225**

**(618) 220-5289
fax: (618) 220-5551
www2.tea.army.mil**

HND



•SDDC