

Evolving Approach to Border Security

NW Homeland Security Symposium

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June 8th, 2017



U.S. Customs and Border Protection



CBP's Dual Missions

Security

- Stop terrorism
- Prevent illegal entry
- Block drug & human smuggling
- Prevent agricultural disease
- Secure national events
- Assist with disaster relief

Facilitation

- Collect customs revenue
- Process incoming travelers
- Inspect imports
- Stop counterfeits
- Allow legitimate travel and trade to flow freely





Comparison: Systems for Arizona

- **Old (SBI Plan):**
 - 91 SBI*net* Block 1 sensor systems
- **New (Secretarial Re-Assessment):**
 - 67 Integrated Fixed Tower systems
 - 18 new Remote Video Surveillance Systems (RVSS)
 - 41 replacement RVSS
 - 15 RVSS cameras
 - 56 thermal imaging (hand-held) devices
 - 12 Agent Portable Surveillance Systems (APSS)
 - 140 imaging sensors (“triggered” cameras)
 - 545 unattended ground sensors (UGS)
 - 4 Mobile Video Surveillance Systems
- **Augmenting stimulus funding redirected from SBI*net*:**
 - 12 new Mobile Surveillance Systems (MSSs)

**From 5th Border Security Expo
February 16, 2011**



Progress—Integrated Fixed Towers



U.S. Customs and Border Protection

Integrated Fixed Towers (IFT) - Arizona



AoR #1 – Nogales AoR
(7 towers)
Operational August 2015

4 - Ajo AoR
Block 1 Replacement (Ajo-1)
(6 towers)
Tohono O'odham Nation (Ajo-2)
(8 towers)

3 - Sonoita AoR – Underway
(35 Percent Complete)
(8 towers)

5 - Tucson AoR
Block 1 Replacement
(9 towers)

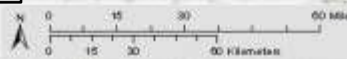
#6 - Casa Grande
Tohono O'odham Nation
(7 towers)

2 – Douglas AoR
(82 Percent Complete)
(8 Towers)

Legend

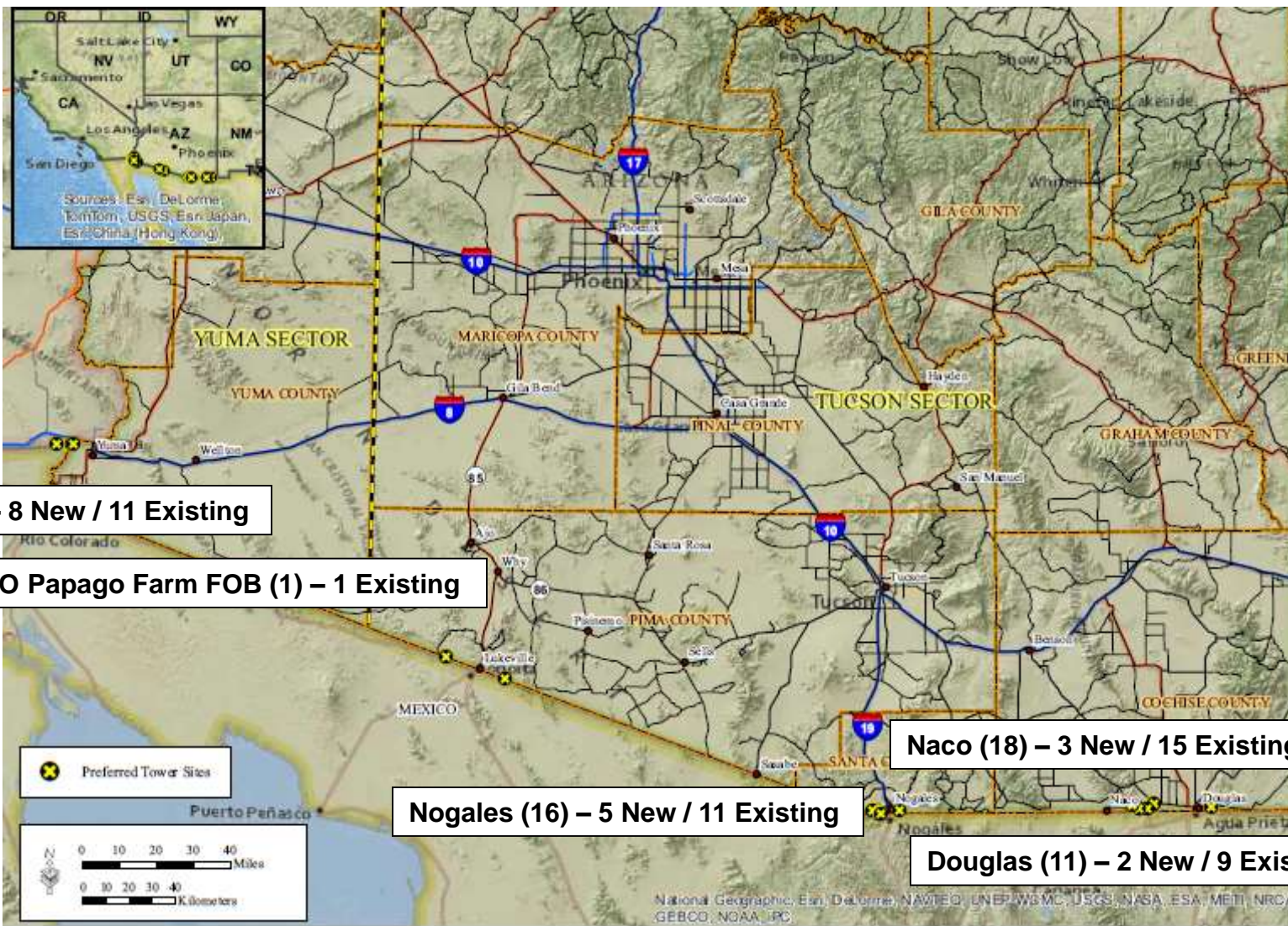
- FST Site
- Comm Site
- Sensor (SBInet Block 1)
- Comm (SBInet Block 1)
- Tohono O'odham Nation (TON)
- Department of Fish & Wildlife
- Forest Service
- National Park
- USBP Sector

IFT Data Source: DTIA
UID: 25308 Created: 08/08/2012





Progress—Remote Video Surveillance Systems



Yuma (19) – 8 New / 11 Existing

AJO Papago Farm FOB (1) – 1 Existing

Naco (18) – 3 New / 15 Existing

Nogales (16) – 5 New / 11 Existing

Douglas (11) – 2 New / 9 Existing

Existing RVSS – 47
Existing RVSS Relay – 6

New Towers – 18
C2 Modifications for each AOR

Total RVSS Towers – 71



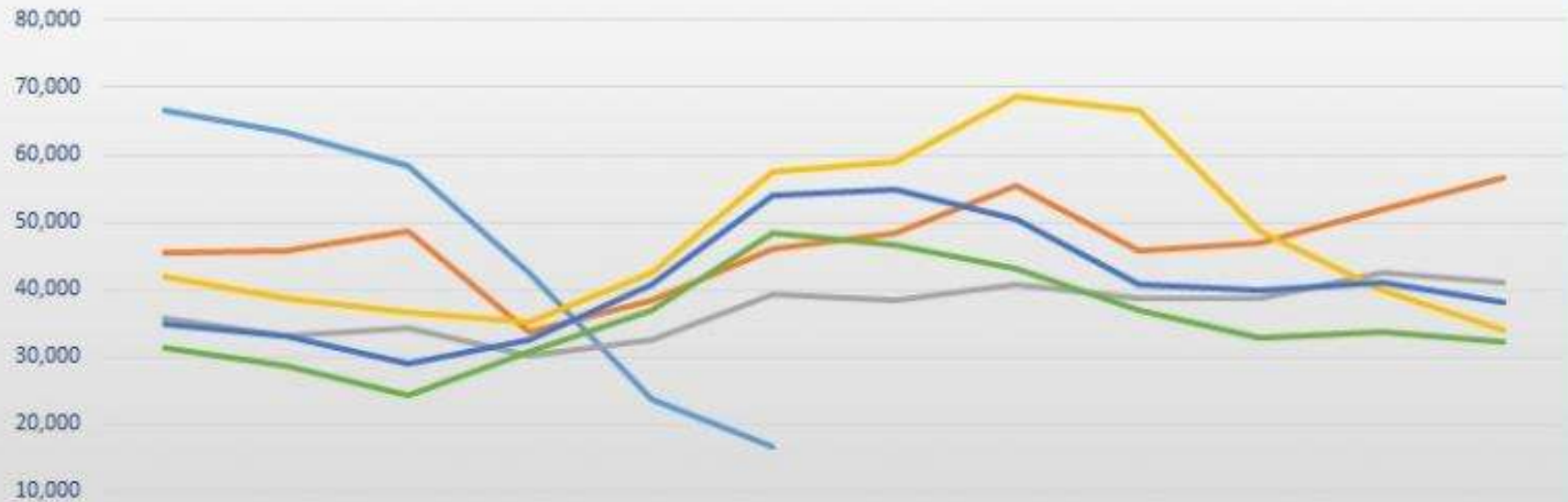
Summary of Status

- **Arizona Technology Plan is Largely Complete**
 - Initial delays in the contracting process
 - Since then, deployments have been on schedule
 - Significant cost savings
- **Moving into Texas**
 - Cost savings allowed progress sooner than anticipated
 - “DoD Reuse” (including aerostats) provide stopgap
 - Remote Video Surveillance System and Mobile Video Surveillance System underway
- **Beyond that—now time to revisit...**



Border Activity--Trends

CBP Southwest Border Total Apprehensions / Inadmissibles



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY17	66,710	63,363	58,431	42,477	23,570	16,600						
FY16	45,546	45,774	48,761	33,676	38,316	46,150	48,541	55,442	45,722	46,966	51,961	56,535
FY15	35,895	33,023	34,238	30,178	32,550	39,159	38,296	40,681	38,616	38,610	42,414	41,165
FY14	41,828	38,685	36,695	35,181	42,399	57,405	59,119	68,804	66,541	48,819	39,758	34,003
FY13	34,836	33,153	29,075	32,481	40,632	54,009	54,761	50,481	40,785	39,993	41,110	38,182
FY12	31,323	28,601	24,360	30,758	36,990	48,520	46,660	42,995	36,794	32,801	33,686	32,375



Current Direction...

Executive Order: Border Security and Immigration Enforcement Improvements

January 25, 2017



Executive Order—Key Definition

“Operational Control” shall mean the ***prevention*** of ***all*** unlawful entries into the United States, including entries by terrorists, other unlawful aliens, instruments of terrorism, narcotics, and other contraband.

[emphasis added]

The Secretary shall immediately take the following steps to obtain complete operational control, as determined by the Secretary, of the southern border...



Executive Order—Direction (CBP)

- Immediately ***plan, design, and construct a physical wall*** along the southern border, using appropriate materials and ***technology***...
- Identify and ... ***allocate all sources of Federal funds*** for the planning, designing, and constructing of a physical wall along the southern border
- Project and ***develop long-term funding requirements*** for the wall...
- ***Produce a comprehensive study*** of the security of the southern border...



“The Wall”

- **Back to the future?**
 - Not quite...
 - But some lessons apply
- **“Persistent Impedance”**
- **“Impedance and Denial”**
- **Requirement for impedance and denial has increased**
 - Evolution of threat
 - More demanding definition of operational control



Tools for Persistent Impedance

Example Border Area



- Barriers are most cost-effective for persistent impedance
- Technology has a key role in border security but not to provide persistent impedance



Existing Barrier Deployment





Going Forward

- **Re-evaluate requirements for barriers**
- **Expand the barrier “toolkit”**
- **Re-evaluate the role of technology**
 - The “barrier system”
- **Execute the disciplined acquisition governance process**
 - Prototypes are an element
- **Select appropriate barrier system concept based on requirements of each area**



The DHS Acquisition Process



 = Acquisition Decision Event



The Prototype Effort

- **Issued Request for Proposals (RFPs)**
 - Concrete wall
 - Other wall
- **Selected bids for award in two phases**
 - Initial downselect based on concepts (evaluation underway)
 - Downselected bidders submit full, priced proposals
 - Up to 4 awards per RFP
- **Construction of prototypes later this summer**
- **Evaluation of prototypes will advise designs for the “toolkit”**



The Role of Technology...

- **Is evolving...**
- **In some areas, perhaps less emphasis on situational awareness of activity that has crossed the border—and more on awareness of activity near the barrier**
 - **Consistent with direction to prevent all unlawful entries**
- **Could include many current technologies with different concepts of operation, as well as new technologies**
- **Barriers alone will not be enough to achieve operational control as defined in the Executive Order**



Lest We Forget

- **Biometrics**
 - A high priority
 - Near-term will be facial recognition
 - Our focus currently is on the back end systems

- **Countervailing Duties/Anti-Dumping**
 - Focus of an Executive Order
 - Expect increased effort on risk assessment and targeting



Summary

- **Our Post-SBInet Technology Deployments have largely been successful**
 - Once past contracting issues—on schedule
 - Significant cost-savings
 - Expanding from Arizona to Texas
- **New Executive Order will drive changes**
 - Definition of “Operational Control”
 - Focus on “wall”—but as part of a system
 - Current prototype effort is part of disciplined acquisition process
 - Role of technology may evolve as we learn more



U.S. Customs and Border Protection

We are the guardians of our Nation's borders.

We are America's frontline.

We safeguard the American homeland at and beyond our borders.

We protect the American public against terrorists and the instruments of terror.

We steadfastly enforce the laws of the United States while fostering our nation's economic security through lawful international trade and travel.

We serve the American public with vigilance, integrity and professionalism.

