



PSIC Grantee Conference

Cleveland, Ohio - October 5, 2010





South Carolina

Office of Emergency Communications



South Carolina PSIC Projects:

- Infrastructure expansion for statewide radios system.
- Public Safety subscriber radios mobile and portable radios.
- State cache of portable radios (800 MHz, VHF and UHF).
- Mobile communications support trailer and Strike Team.





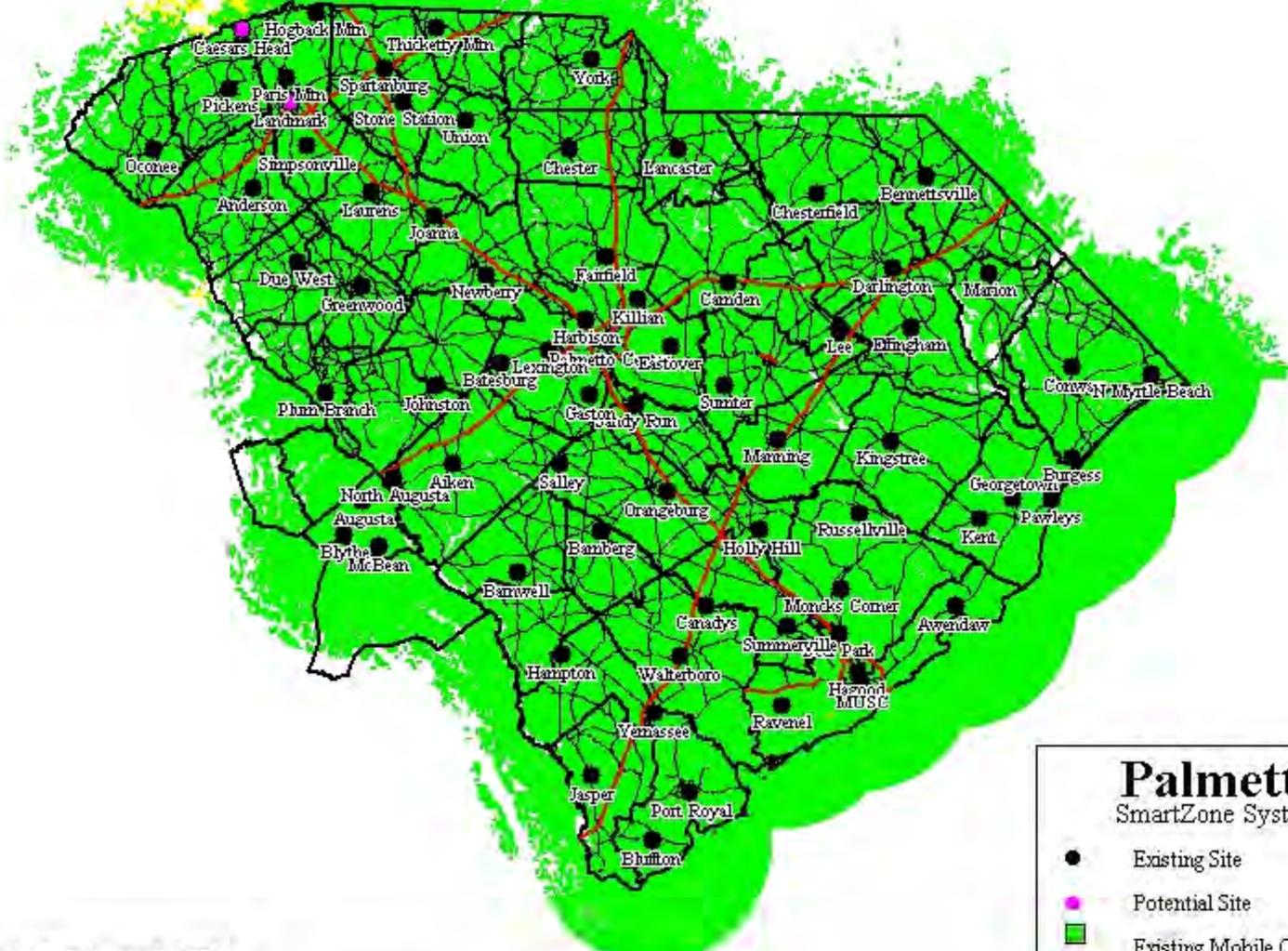
South Carolina

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- **Palmetto 800** Shared Multi State Trunked System
 - Statewide
 - Routine, daily traffic
 - 26,000 Primary Users, 10,000 Mutual Aid Users
 - Emergency and event tactical operations
- **PAlmetto Tactical COnventional Network (PATCON)**
- Statewide
- Tactical Operations with State and Local Participation
- Routine, daily operations
- Emergency and event tactical operations
- 47,000 Users, over 500 agencies, cities, counties
- Also serves as ITAC Mutual Aid Conventional System





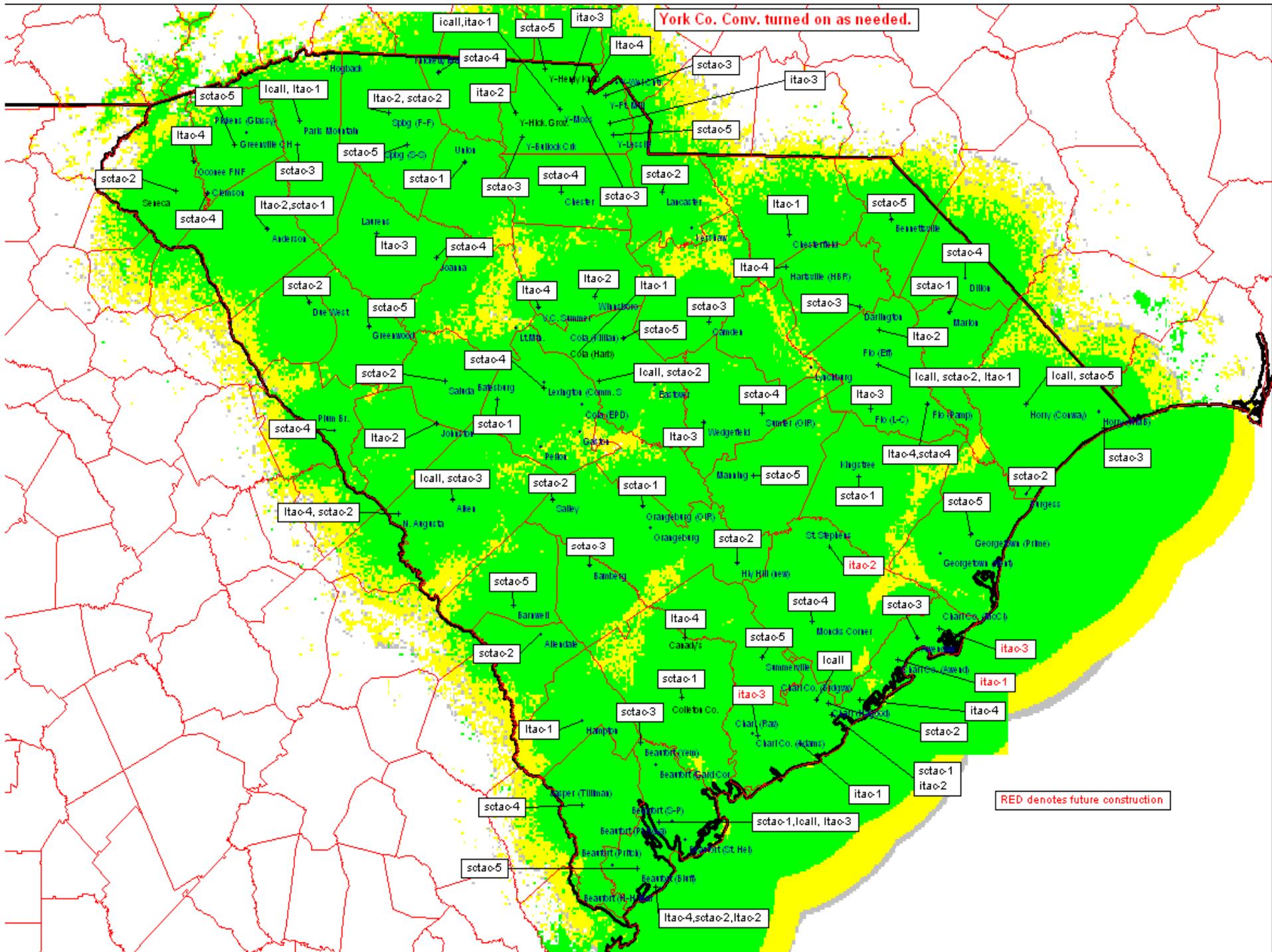
Palmetto 800

SmartZone System Coverage

- Existing Site
- Potential Site
- Existing Mobile Coverage
- Potential Mobile Coverage

April 2009 **MOTOROLA**

800 MHz Talk-Out in Area Spends with 3 dB gain Above an Roof of Vehicle
 Shaded Regions represent 95% Area Reliability
 Potential Coverage shown is Preliminary and actual coverage may vary
 Many of the equipment or design parameters change for this system (such as tower locations, antenna heights, or antenna models) new equipment may be required
 Copyright Motorola





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SC Emergency Communications Strike Team

- The Communications Team is also available to support local special events, exercises and non-emergency events.
 - The team usually takes 1 to 2 hours to assemble.
 - Usually operational within 30 to 45 min.
 - For local small events the team can be available within in 30 min notice or deploy an advance team.
 - Agencies are responsible for the equipment borrowed.



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- One of the S.C. Infrastructure Projects Included the New Burgess Trunked and Conventional Site in Horry County.
- Prior to the PSIC funding this area around Socastee, SC only had poor radio coverage. Radio coverage inside the Socastee High School was none existent.
- On September 21, 2010 at about 2:00 PM the improved radio cover became critical to the 1400 students attending the high school.





South Carolina

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Bomb squad finds 'multiple' devices planted at Socastee High

Posted: Sep 21, 2010 3:22 PM EDT

Updated: Sep 26, 2010 12:21 PM EDT

SOCASTEE, SC (WMBF) - Bomb squads in Horry County have found multiple devices planted inside of Socastee High School following a shooting on the campus Tuesday afternoon.

Sgt. Robert Kegler, spokesman for the Horry County Police Department, said the Horry County Bomb Squad and assisting agencies are dealing with "multiple devices inside of the school and are rendering them safe."

The devices were located hours after a school resource officer was shot at inside of his office by a male student around 2 p.m. Kegler said the student produced a weapon after sparking a brief argument with the officer.

Investigators report the student fired a handgun inside of



Officer Erik Karney



South Carolina

Office of Emergency Communications



- Police | Multiple devices found at Socastee High School after school resource officer shot



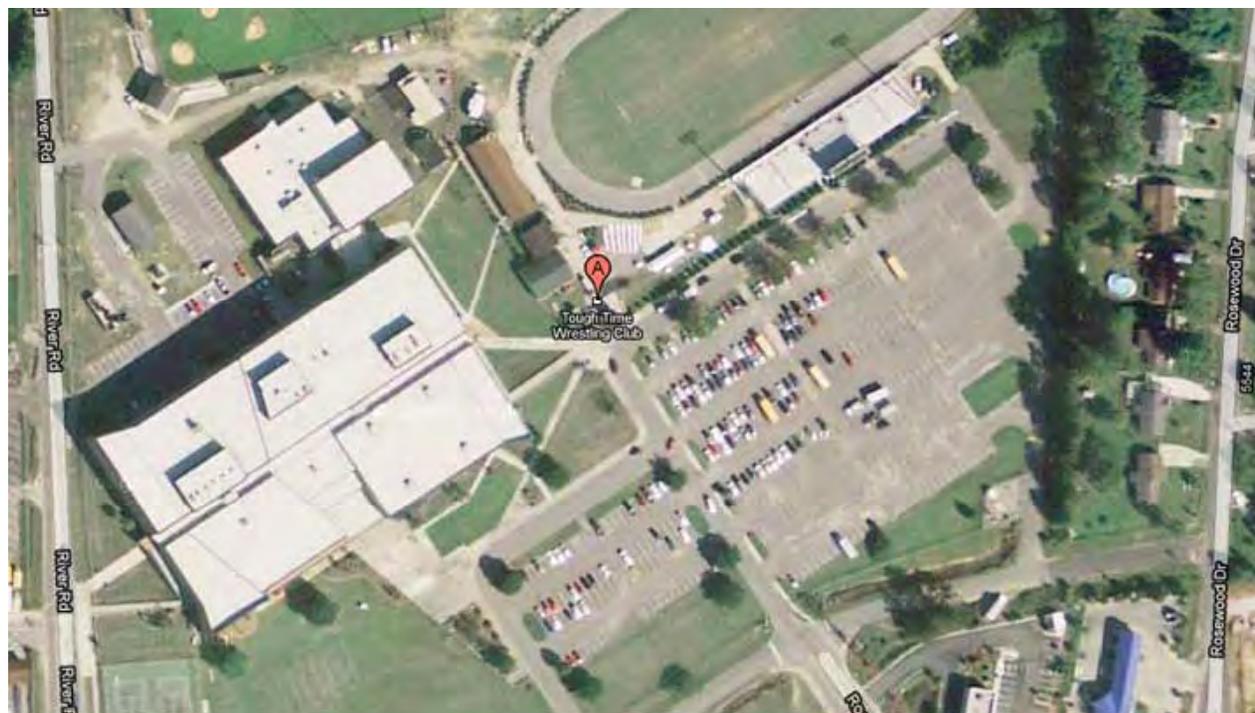


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- Police | Multiple devices found at Socastee High School after school resource officer shot





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- Police | Multiple devices found at Socastee High School after school resource officer shot





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South Carolina PSIC Projects:

- The addition of the Burgess site funded through the PSIC Grant provides inbuilding portable radio coverage throughout the Socastee High School during this event. As seen in the previous slides the 14 year old student planted numerous pipe bombs throughout the campus endangering the over 1400 students.
- The new site also supported interoperability to the 16 different agencies that responded.





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