BERRIEN COUNTY 911 RADIO PROJECT

SIGNAL COVERAGE ENHANCEMENT

FEBRUARY 12, 2020
RADIO PROJECT

2020 COUNTY PAGER GRANT
• 20/30 AGENCIES - 450 PAGERS ORDERED
• CAPABLE OF TRANSITIONING TO THE MPSCS (MICHIGAN PUBLIC SAFETY COMMUNICATION SYSTEM)

MPSCS 800MHz COVERAGE ENHANCEMENT
• NORTHEAST BC IS IN NEED OF IMPROVED SIGNAL
  • INSTALL FULL MPSCS ASR (AREA SITE REPEATER)
  • INDEPENDENT TOWER STRUCTURE WAS BUDGET PROHIBITIVE
  • TWO-YEAR SEARCH FOR EXISTING ELEVATION INFRASTRUCTURE IN WHICH TO CO-LOCATE AN ASR
  • TOP OF SPECTRUM HEALTH-LAKELAND WATERVLIET HOSPITAL FOR IMPROVED TWO-WAY COMMUNICATIONS FOR THE AREA
N/E COUNTY MPSCS SIGNAL COVERAGE ENHANCEMENT
Hospital ASR Project

- Motorola/MPSCS project cost $637,702
- Resolution A2002186
  - 5 Yr Lease/Purchase Option w/$200K down
  - MOU with Spectrum Lakeland @ $100
  - MPSCS user MOU (Monitoring & Maintenance)
- County install Fiber connection to MPSCS