



Project Description: Interoperability Montana Phase 1

Project Status **Yellow**

The Montana Public Safety Communications Project (formally The Interoperability Montana Project) is a comprehensive public safety communications initiative that will involve integrated digital voice and mobile data capabilities for local, state, tribal and federal responders. The project was locally led through the Interoperability Montana Project Directors and supported through a partnership with the State of Montana. Phase 1 of this project will see the addition of twelve trunking sites and the expansion of digital microwave upgrade from Lewis and Clark County to the Northern Tier and Gallatin County Region.

Project Objectives: Build a statewide P-25 VHF shared trunked public safety land mobile radio system

1. Improve Public Safety Communication infrastructure site in accordance with the established priority list.
2. Expand digital microwave to key areas in compliance with Montana’s Homeland Security Plan (HSSP) and State Communications Interoperability Plan (SCIP)
3. Populate key sites with trunking infrastructure building off the existing Northern Tier and Lewis and Clark County systems.
4. Establish second Master Site Controller in Eastern Montana.
5. Develop infrastructure, digital microwave and radio communications in the Billings region in response to the TICP exercise report.
6. Provide Narrowband infrastructure equipment for local and state agencies that will not have the new system coverage by January 2013.

Status of Project Build Out:

| Infrastructure | | | | | Microwave | | | | | Trunking | | | |
|----------------|-------------|---------|-------|-----|-----------|-------------|---------|-------|----|----------|-------------|---------|-------|
| Complete | In progress | Planned | Total | | Complete | In progress | Planned | Total | | Complete | In progress | Planned | Total |
| 96 | 4 | 42 | 142 | | 86 | 6 | 48 | 140 | | 43 | 11 | 66 | 120 |
| 68% | 3% | 30% | | 61% | 4% | 34% | | 36% | 9% | 55% | | | |

Scope Changes:

| Title | Date Approved | Schedule Impact (weeks) | Budget Impact (\$) |
|-------|---------------|-------------------------|--------------------|
| | | | |

| Budget and Schedule: | | | | |
|--------------------------------|------------------|------------------------------|------------------------------------|-----------------------------------|
| Original Project Cost Estimate | Expended to Date | Current Estimate to Complete | Original Estimated Completion Date | Current Estimated Completion Date |
| \$150,000,000.00 | \$56,067,966 | \$66,669,637.00 | 2016 | To be determined |

| Sources of Funding: | | | | | | | | | |
|---|-------------------------|---------------------------------|-----------------------|-------------------------------|----------------|----------------------|-----------------------|-------------------------------|-------------|
| Source Title | Federal Special Revenue | Federal Special Revenue Actuals | State Special Revenue | State Special Revenue Actuals | General Fund | General Fund Actuals | Capital Project Funds | Capital Project Funds Actuals | Cost Budget |
| Other | | | | | | | | | |
| Eastern Montana Master Controller | | | | | | | \$3,500,000.00 | \$3,500,000.00 | |
| Eastern Montana Site Buildout (FY 09 Appropriation) | | | | | \$1,000,000.00 | \$904,437.00 | | | |
| Interoperability Buildout (FY07 Appropriation) | | | | | \$405,000.00 | \$405,000.00 | \$4,595,000.00 | \$4,014,361.00 | |
| COPS Grants | \$5,997,603.00 | \$5,466,008.00 | | | | | | | |
| HS Grants through 2009 | \$30,623,761.00 | \$27,448,380.00 | | | | | | | |
| HS IECGP Grants 2010 | \$253,650.00 | \$0 | | | | | | | |
| HS SP Grants 2010 | \$2,060,000 | \$0 | | | | | | | |
| HS BIDP Grant 2011 | \$3,781,927 | \$0 | | | | | | | |

Additional Comments:

Since the last report the infrastructure and microwave hops have been completed linking eight sites (Culberson, Antelope Butte, Fox Creek, Richland County L&J Center, Belle Prairie, Makoshika, Fallon, and Government Hill) involving five counties (Roosevelt, Richland, Dawson, Prairie, and Custer) Eastern Montana. (see attached diagram) This adds 197 miles of Microwave to the system that now has 86 microwave hops completed with a total path length of 2,304 miles

65% of the infrastructure (Buildings, Towers, Power, and Back-up Generators) is in place at 96 of the planned 142 sites and work in progress and 4 additional sites (Centennial, Marion Fire, NE Billings, Hysham).

61% of the planned microwave hops have been completed, linking 86 of the planned 140 sites with a total path length of 2,304 miles.

36% of the trunking capability has been installed.

Today there is trunked radio coverage: on 43% of Interstate and Montana Secondary Roads; 34% (334,077) of the population in towns; and 61% (595,106) of the population in counties. 46%, or 67,730 square mile of the state is covered with plan in place to complete trunking at 10 additional sites (see attached map) plus a new site in Richland county funded out of HSGP FY12 funds

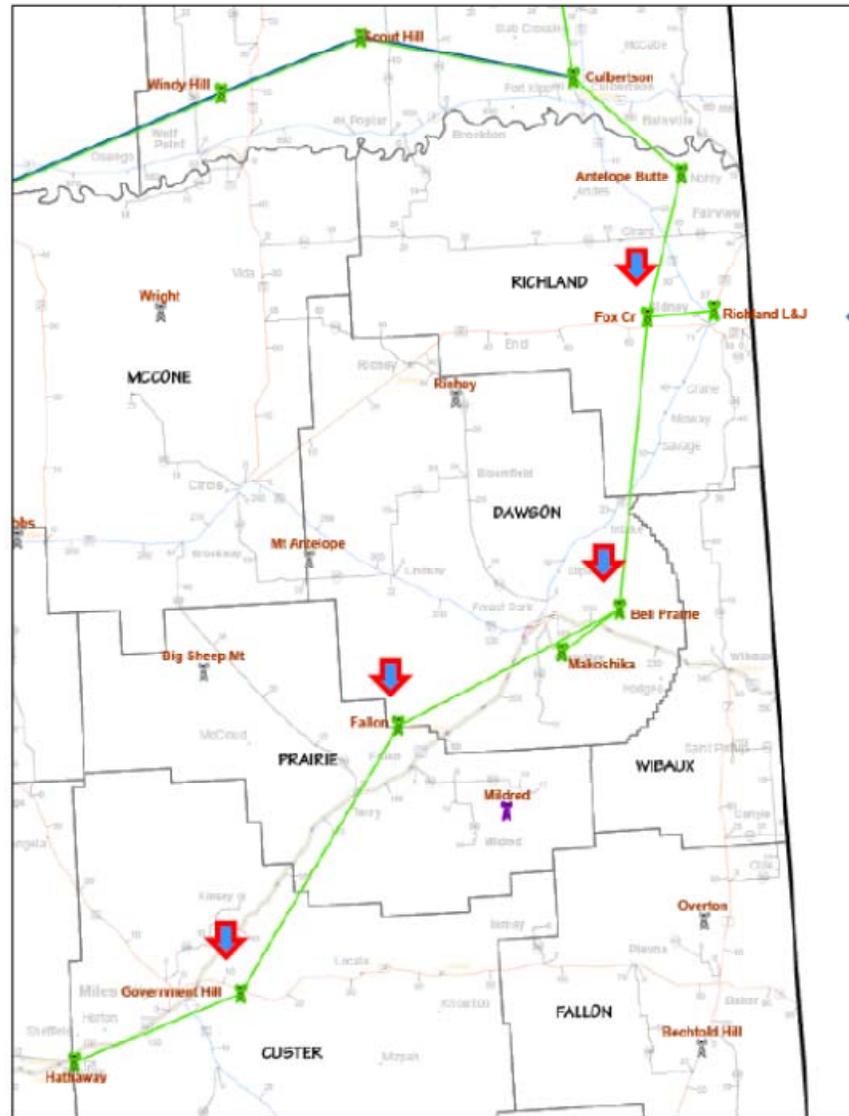
Funding continues to be the critical requirement, Our priorities for the existing funding is to complete the Microwave Backbone, Finish Existing Sites (to include trunking), and build out to new sites based on population density, additional highway coverage, and local coverage requirements.

The state received \$2.8 million in Homeland Security Grants in FY12. The Governor approved the recommendation of the Senior Advisory Committee and \$1,045,208 went to fund public safety communications applications.

Project Resource Contacts:

| Names | Organizational Positions | Project Roles | Phone Numbers | Email Addresses |
|-----------------|--------------------------|---------------|----------------|-----------------|
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North East Microwave & Trunking



2nd Zone Controller



INFORMATION TECHNOLOGY SERVICES DIVISION



MONTANA PUBLIC SAFETY COMMUNICATIONS SYSTEM

Trunked Radio Coverage 2/10/2012

